

# 2020/2021

## Perennial Seeds · Staudensamen



Jelitto®

# Price List 2020 / 2021

(valid for two years)

**Mailing address:**

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e-mail: oscogarden@jelitto.com

**Trade register:** Walsrode HRB 497

**General Manager:** Georg G. Uebelhart

**General directions:****Prices in EURO/€!**

**Minimum order value 25 € net. Orders less than 25 € will be charged the difference.**

**Minimum charge per item 2 € net.**

**During the busy season Jan./Febr. and May/June please allow 1-2 weeks for order processing. Please order well in advance!**

**Orders are generally shipped air parcel post but courier service is available upon request.**

**According to our experience it can take from pick-up to delivery up to 30 days via air parcel post and is impossible to track. By courier it will take 2, to maximum 5 days, and it is possible to track anytime, but is more expensive. The seed offered of endangered plants is not collected in the wild.**

**Our seed is not edible, and is only suitable for the production of plants. Please note that some seeds and plants are toxic! Jelitto Staudensamen GmbH cannot be held responsible if seeds or plants are eaten.**

Online-Shop and websites:

**<http://www.jelitto.com>**

Download Order Form

Our VAT Reg. No. is:

**DE 118576356**

**Payments requested by Credit card!**

Other payment methods with credit approval:

- Direct money transfer in EURO € to one of our bank accounts (see right). All banking charges are for the account of the buyer.
- Check; Draft in EURO € drawn on a German bank. US \$ check drawn on a US-Bank, GBP £ cheque drawn on a UK-Bank. Other currencies cannot be accepted.  
All banking charges are for the account of the buyer.
- For the USA and Canada the invoice will be converted into US \$, for the UK the invoice will be converted into GBP £, according to the actual exchange rate. Conversion table see inside back cover.
- The prices in this list are not binding and exclude tax. Customers outside of Germany in the European-Union who do not have a VAT Reg. No. will be charged additional value added tax (Nov. 2019: 7%).

Please supply us with your VAT Reg. No. when ordering.

**Bank accounts:**

Commerzbank Celle, Germany  
SWIFT-BIC: DRES DE FF257  
IBAN: DE94 2578 0022 0419 9923 00

Kreissparkasse Walsrode, Germany  
SWIFT-BIC: NOLA DE 21WAL  
IBAN: DE32 2515 2375 0008 1280 01

Postbank Hamburg, Germany  
SWIFT-BIC: PBNK DE FF200  
IBAN: DE45 2001 0020 0278 0792 02

Basellandschaftliche Kantonalbank, Switzerland,  
CH-4144 Arlesheim, SWIFT-BIC: BLKB CH 22 769  
CHF-Acc. IBAN: CH37 0076 9016 3103 3751 4  
€-Acc. IBAN: CH54 0076 9016 1443 0948 6

Commerzbank London Branch, UK  
SWIFT-BIC: COBA GB 2X  
GBP/£-Acc. IBAN: GB41 COBA 4062 0130 5094 50

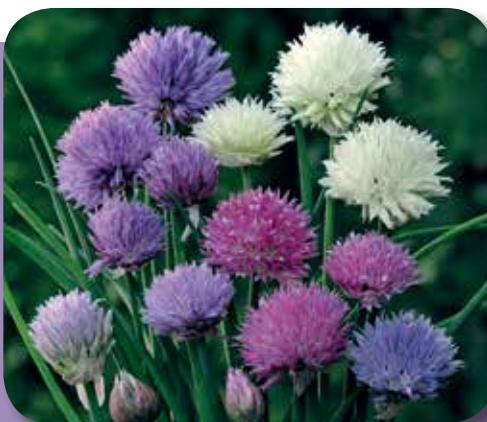


## Outstanding New Varieties

### Allium schoenoprasum 'Ornamental One Series'

Allium schoenoprasum, or simply the common chive, is a most well-known, useful and humble plant. Besides being grown for its culinary uses, its drought tolerance has leant itself to green roof and wall applications. You see very little use in an ornamental setting, maybe because the ordinary chive lacked good flower colors. Jelitto Perennial Seeds has focused on Multiple Use plants... edibles with ornamental qualities, developing clear distinct colors and consistent sturdy medium sized foliage. We have bred what we think is a multiple winner.

We are proud to introduce 'The Ornamental One' Chive Series! 'Pink One', 'Purple One', and 'White One' flowering plants available for the first time in single color seed strains. First year flowering, deliciously edible and highly ornamental, all three colors are uniform in height and flowering time, with good sturdy leaf blades. Multi-use plants are very desirable these days... garden to table... garden to vase... massed in garden settings... or use in container plantings. Just say, "I'll have the 'Pink One'".



### Bulbine frutescens 'Avera Sun Series'

There is satisfaction in breeding multi-use plants for growers and gardeners. Do you know the useful Bulbine frutescens? This South African native is a succulent leaved clumping plant with lovely spikes of flowers in spring and fall. Its leaves yield a jelly similar to Aloe Vera that soothes burns, various skin ailments and instantly moisturizes dry skin with a neutral refreshing fragrance.

Jelitto Perennial Seeds' breeding program introduces the Bulbine frutescens Avera Sun-Series 'Avera Sunrise Yellow' and 'Avera Sunset Orange'... two distinct color strains with triple size blooms (compared to the species) that are first year flowering from seed. Cheerful yellow or orange stars grace these easy to grow drought tolerant succulents.

The deer resistant Avera Sun-Series can be grown year-round in frost free climates, as a patio plant, or will happily re-seed in your temperate garden guaranteeing flowers and soothing gel for next season.



# 2020/2021



### Gaillardia aristata 'Fire Wheels'

With its unique flower color and form, Gaillardia 'Fanfare' took the horticulture world by storm and is still everybody's favorite Gaillardia. From a chance seedling found decades ago in the Jelitto production fields of the popular Gaillardia 'Kobold', comes the roots of the fancy frenzy of 'Fire Wheels'.

Jelitto Perennial Seeds breeding has made the cool tubular petals of the well-known 'Fanfare' available in a hardy, consistent, and easy to grow seed strain.

It has taken time to stabilize the fluted form, making sure that the flowers are true to type and the plants are hardy, vigorous, and long lasting. No patents or royalties need be paid as this easy to grow seed strain is easy on the budget. Easy to grow and beautiful in the garden, 'Fire Wheels' blankets the front of the border with gold, orange and red hues June through September.

We are quite happy with the results!



### Sisyrinchium idahoense var. macounii 'Moody Blues'

Some say Siss-er-ink-ee-um, some say Siss-er-inch-ee-um.

Whether you ink or inch, this beautiful little blue-eyed member of the Iridaceae (Iris family) will make its mark in your garden life. Smaller in stature than its relative *S. angustifolium* but larger in flower, 'Moody Blues' is a beauty. This vigorous species of Idaho blue-eyed grass grows naturally in moist open meadows. Flowering May through July, the variety *macounii* is native to Washington State to British Columbia, and named for John Macoun, an Irish-born Canadian naturalist and explorer of the Canadian prairies.

Deep inky-blue centers surround bright golden sepals and petals of violet blue. These dramatic colors set the mood for delightful garden combinations whether planted in rockery, container, sunny garden bed or in the front of Prairie Garden like plantings. Plants grow to about 4-5 inches tall and 6 inches wide and are a food source for multiple pollinators and beneficial insects. Growers and gardeners alike will delight in *Sisyrinchium 'Moody Blues'*.



## About us

2018 Allen W. Bush retires.

2016 JELITTO GOLDNUGGET SEED® are sold initially in 1000 seed-units.

2015 the Jelitto shop [www.jelitto.com](http://www.jelitto.com) goes mobile.

2013 the new Jelitto shop [www.jelitto.com](http://www.jelitto.com) goes online.

2012 Martin Bachor becomes proxy holder and reinforces the company management.

2012 spring sees the presentation of our new breeding station.

2007 Jelitto Perennial Seeds celebrated its 50 years anniversary.

2002 Georg Uebelhart is now majority shareholder.

1996 the North American office is opened, followed by an office for the United Kingdom and Ireland in 2000 and Japan in 2007.

1994 JELITTO GOLDNUGGET SEED® is brought to the market. This is the patented preparation process, designed to promote rapid germination of dormant seed.

1992 the company moved to its new location in Schwarmstedt, a northern German town near Hanover, which remains its headquarters. Apart from providing ample room for growth, the new site has a trial field of considerable size, expanded germination laboratories and seed processing equipment as well as the climate-controlled storage facilities and cold store.

1972 Jelitto Perennial Seeds became the first supplier to offer pure seeds of *Anemone sylvestris*, and other varieties with difficult cleaning process, improving the quality, particularly in terms of germination.

1957 Klaus R. Jelitto founds what will later become Jelitto Perennial Seeds in Sweden with company headquarters in Landskrona, later in Rellingen, Hamburg and Wedel.

## The Production

70% of our current perennial assortment originates from our own production, distributed over the entire world in more than 20 countries.

All areas under cultivation are monitored closely and controlled by our qualified personnel for quality.

Why are we so committed to our own production in such a large number of countries?

Only in this way can we try to influence the optimum environment for seed production, taking into account the climate for maintaining the typical characteristics of the different varieties and forms. In this way we can release controlled and healthy seed for production: On the one hand, to safeguard future quality of our perennial seeds and, on the other hand, to safeguard delivery capacity by spreading the risk of harvest failures caused by natural environmental influences.

How important is the selection of the production location? There is an interplay between the climate and soil characteristics. For example, the blue poppy *Meconopsis betonicifolia*, does not grow well in Italy or Kentucky, but does so in Scandinavia. *Stokesia laevis* does not flourish in Scandinavia but does so in Italy and Kentucky.

We attach great importance to the preservation of the natural variability of botanical varieties by hand harvesting of early, as well as late, maturing seeds.

We also produce seed from endangered species under horticultural conditions in order to protect the natural location.

*Seed production:  
Jelitto New Varieties*





Breeding work on Lupins



Manual Cleaning



Germination testing equipment for perennial seeds

## The Breeding

Since the company was established in 1957, it has been Jelitto Perennial Seeds objective to introduce new and improved perennials to the world market. Careful selection and breeding work is necessary to preserve the characteristics of existing varieties and possibly to improve them. For example, the quality of the deep burgundy-leaved *Heuchera 'Palace Purple'* deteriorated after many generations due to the growing percentage of green-leaved forms. Thanks to systematic breeding work we have been able to offer a good stable strain ever since.

Breeding work takes many years until a new and stable form can be selected. However, we do not shy away from the time and expense involved in achieving genuinely new and improved varieties. For example, *Salvia 'Sky Dance' ('14); Lewisia 'Little Tutti Frutti' ('13); Alcea 'Las Vegas' ('12); Agastache 'Tango' ('11); Alcea Spotlight-Series ('10); Echinacea 'Magnus Superior' ('10); Echinacea 'Happy Star' ('09); Rudbeckia 'Sundance' ('08); Agastache 'Sangria' ('07); Coreopsis 'Elfin Gold' ('06); Penstemon 'Sunburst Amethyst' ('06); Helenium 'Tip Top' ('05); Scabiosa 'Pincushion Pink' ('04); Oenothera 'Silver Wings' ('04); Iberis 'Snow Cushion' ('02); Knautia 'Mars Midget' ('02); Thymus 'Magic Carpet' ('01); Polemonium 'Heavenly Habit' ('99);* to name a few of our newer introductions.

We have also been able to introduce a large number of new varieties in close collaboration with friendly breeders and cultivators, such as *Gaultheria 'Redwood' ('14); Trollius 'Morning Sun' ('12); Agastache 'Globetrotter' ('10); Penstemon 'War Axe' ('09); Salvia 'Twilight Serenade' ('08); Scabiosa 'Moon Dance' ('07); Gaillardia 'Amber Wheels' ('06); Sedum 'Oktoberfest' ('05); Echinacea 'Doubledecker' ('04); Heliopsis 'Summer Nights' ('04); Helleborus Lady-Series ('01); Hibiscus 'Galaxy' ('01); Echinacea 'Rubinstern' ('00); Astrantia 'Ruby Cloud' ('96); Bergenia 'Winterglut' ('95); Achillea 'Colorado' ('93); Echinacea 'Magnus' ('85).*

Just as important as the creation of new varieties is the harvest of elite seed for future seed production.

Elite seed, for stock production, is isolated from cross fertilisation, pollinated by hand often collected individually, observed and appraised over a period of up to five years. It then takes another 3 to 5 years until the first saleable seed can be harvested.



*Trollius 'Golden Queen'* germination comparison: untreated to JELITTO GOLD NUGGET SEED®

## The Seed technology

We concentrate very carefully on the seed technology sector, with special attention to seed cleaning, suitable seed storage, quality control of the seed, as well as innovative germination techniques.

All seeds are carefully dried in Schwarmstedt. They are then cleaned gently to a purity level of over 98%.

Equipment and seed cleaning machines developed especially for us are a prerequisite for processing into pure seed. Examples: Anemone, Limonium, Phragmites.

Particularly important for us is the proper and individual storage of the seed in order to preserve its viability, from harvesting to shipment.

Experience gained over 50 years in storage technology and quality assurance means that we have harvest-fresh seed available in stock nearly all year.

More than 15.000 germination tests are carried out each year in our germination laboratories. Each batch is tested up to three times a year.

Particularly difficult and time consuming are germination tests on cold germinators as these must also go through a process in our laboratories of warm, cold and cool temperatures (according to our sowing instructions).



*Anemone sylvestris: normal – pure seed*

**JELITTO SEED TECHNOLOGY - JET®** represent our improvement in seed cleaning. JET® seeds have been rubbed, peeled, processed into pure seed for better mechanical handling and seed sowing, or heat-treated. The JET® process enhances germination on a growing number of seed items.

**JELITTO GOLD NUGGET SEED®** makes it possible for cold germinators to germinate quickly and uniformly without cold treatment.

In the nineteen seventies Klaus R. Jelitto developed a new procedure for systematically eliminating the natural seed dormancy for cold germinators and presented this innovative product for the first time in his perennial seed catalogue of 1978.

Thanks to extensive research we have been able to significantly extend the range of JELITTO GOLD NUGGET SEED® to more than 300 varieties. See the advantages yourself.

The question remains: germination in 2 to 3 weeks or wait 3 to 6 months? For a growing number of perennial producers the answer is obvious.

## New additions to our range 2020

### JELITTO GOLD NUGGET SEED®

- EUPHORBIA** palustris
- THALICTRUM** rochebrunianum var. *grandisepalum*
- VERONICASTRUM** virginicum f. *caeruleum*

### Perennial Herbs - Culinary, Teas + Medicinal

- ALLIUM** schoenoprasum 'Pink One'
- ALLIUM** schoenoprasum 'Purple One'
- ALLIUM** schoenoprasum 'White One'
- BULBINE** frutescens 'Avera Sunset Orange'
- BULBINE** frutescens 'Avera Sunrise Yellow'
- CORIANDRUM** sativum 'Typ Dwarf Lemon'
- CYNOGLOSSUM** creticum
- DRACOCEPHALUM** moldavica
- EPILOBIUM** angustifolium 'Album'
- OCIMUM** tenuiflorum
- PLANTAGO** lanceolata 'Libor'
- RUTA** graveolens 'Jackman's Blue Strain'
- SALVIA** apiana
- SIDERITIS** scardica
- VERBENA** officinalis var. *grandiflora* 'Brampton'

### Herb Seeds from Organic Production

- AGASTACHE** rugosa f. *albiflora*
- AJUGA** genevensis
- ALTHAEA** cannabina
- BELAMCANDA** chinensis
- CENTRANTHUS** ruber var. *coccineus*
- CEPHALARIA** gigantea
- CHENOPODIUM** quinoa
- CLEMATIS** vitalba
- CYNARA** cardunculus ssp. *flavescens*
- ESCHSCHOLZIA** californica mixed colours

### **GALEGA** officinalis 'Alba'

- HIERACIUM** pilosella
- KNAUTIA** arvensis
- LEUCANTHEMUM** vulgare
- LINUM** perenne
- LOBELIA** inflata
- LUPINUS** Perennis-Hybr. 'Russellmixture'
- MENTHA** cervina 'Alba'
- PLATYCODON** grandiflorus 'Mariesii'
- POTENTILLA** argentea
- SALVIA** moortcroftiana x *indica* 'Shangri-La'
- SALVIA** nemorosa 'Violettönigin'
- SALVIA** pratensis
- SALVIA** sclarea var. *turkestanica* 'Vatican Pink'
- SCABIOSA** ochroleuca
- SILENE** alba
- SILENE** dioica
- THYMUS** zygis
- VERBASCUM** bombyciferum
- VERBENA** hastata

### Perennials

- ACONITUM** lamarckii
- ANCHUSA** azurea 'Feltham Pride Strain'
- ARALIA** cordata f. *aurea*
- ASCLEPIAS** asperula
- ASCLEPIAS** viridis
- BELAMCANDA** flabellata 'Hello Orange'
- CAMPANULA** carpatica 'Blue Clips'
- CAMPANULA** carpatica 'Deep Blue Clips'
- CAMPANULA** carpatica 'White Clips'
- CEPHALARIA** alpina
- CLEMATIS** hexapetala 'Mongolian Snowflakes'

### **CLEMATIS** texensis

- COREOPSIS** verticillata
- CYCLAMEN** alpinum
- CYCLAMEN** coum 'Silver Leaf White'
- CYCLAMEN** hederifolium f. *albiflorum*
- CYCLAMEN** hederifolium 'Silver Leaf White'
- CYCLAMEN** persicum var. *persicum*

### **DELphinium** requienii

- EPHEDRA** distachya ssp. *helvetica*
- EUPHORBIA** amygdaloïdes 'Purpurea'
- FRITILLARIA** pudica
- GAILLARDIA** aristata 'Fire Wheels'
- GALANTHUS** plicatus
- GAZANIA** krebsiana 'Tanager®'
- HIBISCUS** coccineus f. *albiflorus*
- LAMIUM** maculatum
- LYTHRUM** salicaria 'Happy Lights'
- ORNITHOGALUM** pyrenaicum
- POLYGONUM** virginianum 'Variegatum'
- PRIMULA** 'Victoriana Silver Lace Black'
- PULSATILLA** ambigua

### **SALVIA** candidissima

- SAXIFRAGA** cymbalaria
- SISYRINCHIUM** idahoense var. *mac.* 'Moody Blues'
- TEUCRIUM** orientale
- VERATRUM** viride
- VERONICASTRUM** virginicum f. *caeruleum*

### Ornamental Grasses

- BOUTELOUA** gracilis 'Bad River'
- CAREX** divulsa
- MUHLENBERGIA** dumosa
- PANICUM** virgatum 'Blue Giants'

## New additions to our range 2019

### Perennial Herbs - Culinary, Teas + Medicinal

- BORAGO** officinalis 'Alba'
- FRAGARIA** virginiana
- TARAXACUM** albidum
- TARAXACUM** pseudoroseum

### Herb Seeds from Organic Production

- ANEMOPSIS** californica
- ARGEMONE** platyceras
- CENTAUREA** cyanus 'Double Mixture'
- CORIANDRUM** sativum 'Typ Dwarf Lemon'
- CRYPTOTAENIA** japonica f. *viridis*
- ECHINACEA** purpurea 'Magnus'
- MENTHA** suaveolens

### **OCIMUM** basilicum 'Ararat'

- RUMEX** scutatus
- VITEX** agnus-castus

### Perennials

- AQUILEGIA** flavescens
- CODONOPSIS** canescens
- CORYDALIS** acaulis
- DARLINGTONIA** californica
- DELOSPERMA** congestum f. *album* 'White Nugget'
- DELPHINIUM** nudicaule 'Fox'
- DELPHINIUM** 'Pink Princess'
- DELPHINIUM** 'Royal Aspirations'
- KNAUTIA** macedonica 'Midget Mauves'

### **LYCHNIS** x haageana 'Molten Lava'

- MANDRAGORA** caulescens
- MECONOPSIS** balangensis
- PARAQUILEGIA** microphylla
- PENSTEMON** 'Pinacolada Dark Rose Shades'
- PENSTEMON** 'Pinacolada Rosy Red Shades'
- PENSTEMON** 'Pinacolada Violet Shades'
- PENSTEMON** 'Pinacolada White Shades'
- SALVIA** moortcroftiana x *indica* 'Shangri-La'
- SCHIZOSTYLIS** coccinea
- THALICTRUM** rochebrunianum var. *grandisepalum*
- THYMUS** longiflorus
- VANCOUVERIA** hexandra
- VERONICA** beccabunga



STAUDENSAMEN · PERENNIAL SEEDS · GRAINES DE PLANTES VIVACES

Production – Breeding – Seed Technology

Purchase Order Fax: +49 (0) 5071/982927

Number of pages  
(incl. Cover Sheet):

We order to your terms:

Name:

Street + N°:

City:

Postcode:

Country:

Phone:

Fax:

E-mail:

Customer N°:

VAT REG N°: \_\_\_\_\_

**Payment:**

by Cheque     by Bank Transfer     by Direct Debit (only EURO Zone / We will send you a SEPA Direct Debit Mandate separately)

Charge my Credit Card:



Card Expiry Date:

Credit Card N°:  
(Please fill out all fields)

CVC Code\*:  
(\*on the reverse of your credit card)

Cardholder's name: \_\_\_\_\_

**Notes / Messages:**

May we substitute with a similar item:

Yes

No

Printed Stick In Labels: \_\_\_\_\_ YY 004 Set (Sets)

**Dispatch:**

2-7 working days

(Air) mail:

+ (5-30 days)

Courier:

+ (2-5 days)

**Minimum order value 25 € net**

**Date:** \_\_\_\_\_

**Signature:** \_\_\_\_\_



Name: \_\_\_\_\_

Customer No.:

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# STAUDENSAMEN · PERENNIAL SEEDS · GRAINES DE PLANTES VIVACES

## Production – Breeding – Seed Technology

## Throughout the seed list on the following pages you will find:

Signs:

- NEW!** new introduction
- with picture in the catalogue

Examples out of our descriptions:



= Awarded Plant

Jelitto Cultivars and New Introductions, All American Selection, Award of Garden Merit by RHS, Fleur Select, International Hardy Plant Union, Perennial Plant Association, Plant Select, contact Plant Select for legal use of ® names

70 cm

= height of plants

VI-IX

= flowering June - September

JET®

= **JELITTO SEED TECHNOLOGY**

represents our improvement in seed cleaning.

**JET®** seeds have been rubbed, peeled or processed into pure seed for better mechanical handling and seed sowing.

The **JET®** process enhances germination on a growing number of seed items.

[ ]

= These specifications concern cultivar translations, the renaming of existing cultivars, and confusing marketing names given to the botanical species. We deliver the usual trade quality of seed.

While these specifications are not complete, they are compiled in good conscience to the best of our knowledge and will be updated online ([www.jelitto.com](http://www.jelitto.com)).

For example:

**ALYSSUM montanum 'Berggold'** = translated = **[Mountain Gold]**

**AQUILEGIA vulgaris 'William Guiness'** = re-named = **[Magpie]**

**NEPETA nervosa** = marketing name = **[Blue Moon]**

1. Line: Amount of seeds in gram to get approx. 1000 plants.  
(If sown directly into pots, trays or containers you will need an appropriate larger quantity.)

2. Line: The No of sowing directions, you will find it in English and other languages at the end of the catalogue.  
(D, UK, F, S, NL, J, I)

	ornamental foliage plant		avoid lime
	first year flowering		annual
	second year flowering		biennial
	flowering pot plant		perennial
	creeping, groundcovers		solitary plant
	climbing		decorative fruit
	water or marshplant		toxic plant
	hanging plant		officinal (medicinal) plant
	winterprotection needed (Northern- and Central-Europe)		patio plants (Northern- and Central-Europe)
	Alpinehouse in winter		flowers or seedcapsules
	cushion plant		for flower arrangement
	for the rockgarden		beneficial plant
			honey-bee food plant

Z1 - 11 Winter Hardiness Zones: give an approximate indication of the minimum temperature that a particular species can survive. Use this as a basic but not the end all for determining species suitable for your conditions. Other factors like soil and microclimate can influence winter hardiness to some degree. Source: RHS Index of Garden Plants, USDA Online Plant Database, A. Armitage - Herbaceous Perennial Plants and others. Conversion table see inside back cover.

Prices: 1000g = Prices in Euro for 1000 - 9999.9 gramm  
100g = Prices in Euro for 100 - 999.9 gramm  
10g = Prices in Euro for 10 - 99.9 gramm  
1g = Prices in Euro for 0.1 - 9.9 gramm  
1 P = Prices in Euro for 1 Portion (usually sufficient for approx. 50 plants)  
1000 seeds = Prices in Euro for 1000 seeds

**Minimum charge per item 2€ net! Minimum order value 25€ net!**  
See also delivery terms on the inside back cover.

Production – Breeding – Seed Technology	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>ACHILLEA</b> AA 029 <b>millefolium 'Colorado'</b> ,  60 cm, V-X, Z2-9	1	15		544,00	68,00	8,60	2,80

**Code No.:**

Please always state our code number  
for each item on your order to prevent delays  
with delivery.

### Fax Order Form Pages 5 – 6

The Fax Order Form as well as the Purchase Order Form can be downloaded on [www.jelitto.com](http://www.jelitto.com), see „Other“.



### JELITTO GOLD NUGGET SEED® Pages 8 – 12

List of all available GOLD NUGGET SEED with important notes.

### Perennial Herbs - Culinary, Teas and Medicinal Page 13 – 32

Perennial Medicinal-, Aromatic- and Culinary Herbs as well as annual herbs as a supplement to the assortment.



### Herb Seeds from Organic Production Page 33 – 47



Certified seed in compliance with EU Regulation No. 834/2007 + 889/2008

### Perennials Pages 48 – 190

The whole perennial seeds assortment with short plant descriptions, special hints and prices.

### Printed Stick In Labels Page 190

We offer printed stick labels for your seed flats.

### Ornamental Grasses Pages 191 – 208

The whole ornamental grasses assortment with short plant descriptions, special hints and prices.

### Sowing directions pages 209 – 216

Sowing directions in D, UK, F, S, NL, J, I



## Important notes!

This range – identified by G for GOLD NUGGET SEED® as the second letter in the item number – listed on this page and the following, no longer needs a period of low temperature to break dormancy. Depending on the variety, the seeds will germinate even and promptly 14 to 21 days after sowing. (Untreated seed would need two to six months).

The advantage is obvious – a shorter and more controlled growing period with more productive results! JELITTO GOLD NUGGET SEED® are also particularly suitable for sowing direct into cells so that subsequent pricking out can be dispensed with. They require only about half the amount of seed that would be required with untreated seed.

The minimum germination standard of GOLD NUGGET SEED® is >75%, respectively >88% under controlled conditions. Nevertheless, in order to obtain best possible results, we do recommend a multiplication factor of 2 or 3 when calculating seed requirements (3000 seeds for 1000 plants, 2-3 seeds per plant).

You can proceed according to our Sowing Instructions No. 15 or 16. Ideal germination temperature: 22°C (72°F). After germination, the seedlings must be kept cool (+5 to 10°C)(41 to 50°F) in the months with less daylight hours, but must not be exposed to frost. At this time, it is of great benefit if the seedlings can receive at least 8 – 12 hours of light per day. This requires additional lighting in the winter months.

Uncontrolled high temperatures during the summer months can have a deleterious effect on successful germination.

Some species germinate very fast without a cold treatment but need to be sown immediately after harvest. For example Primula rosea and Pulsatilla vulgaris.

JELITTO GOLD NUGGET SEED® is typified with 2% golden coloured seeds.

Please note that JELITTO GOLD NUGGET SEED® "pre-treated seed" should not be stored and should be used as soon as possible after receipt. JELITTO GOLD NUGGET SEED® should be kept in a cool place until it is used.

**Please order Gold Nugget Seed® in number of seeds only. There are no 1000 seed units prepacked! Each order is weighed individually.**

**You are welcome to order any amount, ie. 700 seeds or 15200 seeds. Please bear in mind our minimum quantity per item.**

**Minimum charge per item 2 € net, price will be rounded up accordingly.**

The price per 1000 seed is a fixed price for this number of seeds, while the quantity in weight may vary considerably between different seed lots. The number of seed per gram is counted for each seed lot individually. Seeds are measured according to weight and are not counted each time for every order. Therefore, the number of seed may vary and a ± difference of approx. 5% should be accepted with no compensation in any way due to the technical circumstances.

		Prices in EURO net per 1000 seeds	Minimum order quantity/ seeds	Nº. of the sowing directions	Special Hints	Code N°
AG 019	<b>ACAENA</b> inermis 'Purpurea'	24,00	100	16	germinates after 5-6 weeks at +26°C .....	AG 019
AG 005	<b>ACAENA</b> microphylla	12,00	200	16	germinates after 5-6 weeks at +26°C .....	AG 005
AG 070	<b>ACONITUM</b> anthora	18,00	150	15	germinating in 4-6 weeks at 24°C days, 15°C nights	AG 070
AG 090	<b>ACONITUM</b> napellus	24,00	100	15	germinating in 4-6 weeks at 24°C days, 15°C nights	AG 090
AG 094	<b>ACONITUM</b> napellus 'Newry Blue'	24,00	100	16	germinating in 4-6 weeks at 24°C days, 15°C nights	AG 094
AG 103	<b>ACORUS</b> calamus	22,00	100	16	requires 4-6 weeks for germination .....	AG 103
AG 132	<b>AETHIONEMA</b> grandiflorum (pulchellum)	24,00	100	15	germination occurs in 1-2 weeks .....	AG 132
AG 280	<b>ALCEA (ALTHAEA)</b> Ficifolia-Hybr. [Happy Lights]	18,00	150	15	varying temperatures beneficial, day 24°C, night 15°C	AG 280
AG 285	<b>ALCEA (ALTHAEA)</b> Ficifolia-Hybr. 'Las Vegas'	22,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	AG 285
AG 286	<b>ALCEA (ALTHAEA)</b> Rosea-Hybr. 'Simplex'	18,00	150	15	varying temperatures beneficial, day 24°C, night 15°C	AG 286
AG 310	<b>ALCEA (ALTHAEA)</b> rugosa	18,00	150	15	varying temperatures beneficial, day 24°C, night 15°C	AG 310
AG 163	<b>ALCHEMILLA</b> epipsila	12,00	200	16	light-germinator, do not cover .....	AG 163
AG 164	<b>ALCHEMILLA</b> erythropoda [Alma]	12,00	200	15	light-germinator, do not cover .....	AG 164
AG 167	<b>ALCHEMILLA</b> mollis [Thriller, Irish Silk]	2,40	1000	15	light-germinator, do not cover .....	AG 167
AG 168	<b>ALCHEMILLA</b> mollis 'Select' [Robustica, Giant Molly]	3,60	500	15	light-germinator, do not cover .....	AG 168
AG 174	<b>ALCHEMILLA</b> sericata 'Gold Strike'	12,00	200	15	light-germinator, do not cover .....	AG 174
AG 178	<b>ALCHEMILLA</b> xanthochlora (vulgaris)	3,60	1000	16	light-germinator, do not cover .....	AG 178
AG 365	<b>AMSONIA</b> hubrichtii	72,00	100	15	.....	AG 365
AG 366	<b>AMSONIA</b> tabernaemontana [Stars, Blue Star]	72,00	100	15	.....	AG 366
AG 412	<b>ANDROSACE</b> villosa	128,00	50	16	requires 4-6 weeks for germination .....	AG 412
AG 444	<b>ANEMONE</b> hupehensis (japonica)	12,00	200	15	.....	AG 444
AG 460	<b>ANEMONE</b> multifida 'Major' [Annabella White]	12,00	200	15	.....	AG 460
AG 448	<b>ANEMONE</b> multifida 'Rubra' [Annabella Deep Pink]	12,00	200	15	.....	AG 448
AG 544	<b>ANTHYLLIS</b> vulneraria var. coccinea [Red Carpet]	28,00	100	15	germination occurs in 1-2 weeks .....	AG 544
AG 601	<b>AQUILEGIA</b> buergeriana 'Calimero' [Blackcurrant Ice]	18,00	150	16	.....	AG 601
AG 764	<b>AQUILEGIA</b> flabellata var. pumila 'Selection'	18,00	150	15	.....	AG 764
AG 852	<b>ARENARIA</b> montana [Avalanche, Snowwhite]	24,00	100	15	requires 4-6 weeks for germination .....	AG 852
AG 944	<b>ARUNCUS</b> aethusifolius [Noble Spirit]	3,60	500	15	.....	AG 944
AG 952	<b>ARUNCUS</b> dioicus	2,40	500	16	varying temperatures, night 18°C, day 26°C, of benefit.	AG 952
AG 976	<b>ASCLEPIAS</b> incarnata [Soulmate, Cinderella]	22,00	100	15	.....	AG 976
AG 977	<b>ASCLEPIAS</b> incarnata 'Iceballet' [Milkmaid, Ice Follies]	22,00	100	15	.....	AG 977
AG 985	<b>ASCLEPIAS</b> tuberosa ssp. interior	32,00	100	15	.....	AG 985
AG 988	<b>ASCLEPIAS</b> tuberosa 'Gay Butterflies'	32,00	100	15	.....	AG 988
AG 014	<b>ASPHODELINE</b> lutea [Gelbe Kerze, Yellow Candle]	72,00	50	15	dark-germinator, must be covered .....	AG 014
BG 015	<b>BAPTISIA</b> australis [Caspian Blue]	58,00	50	15	.....	BG 015
BG 012	<b>BAPTISIA</b> australis 'Alba'	284,00	50	15	.....	BG 012
BG 017	<b>BAPTISIA</b> leucantha (lactea, alba var. macrophylla)	104,00	50	16	germinating in 4-6 weeks at 24°C days, 15°C nights	BG 017
BG 020	<b>BAPTISIA</b> pendula (alba)	162,00	50	15	.....	BG 020
CG 020	<b>CALAMINTHA</b> grandiflora [Elfin Purple]	24,00	100	16	varying temperatures, night 18°C, day 26°C, of benefit	CG 020
CG 038	<b>CALLIRHOE</b> involucrata [Winecups, Buffalo Rose]	72,00	50	16	requires 4-6 weeks for germination .....	CG 038
CG 043	<b>CALTHA</b> leptosepala	24,00	100	15	.....	CG 043
CG 044	<b>CALTHA</b> palustris	18,00	200	15	.....	CG 044
CG 045	<b>CALTHA</b> palustris var. alba	32,00	100	15	.....	CG 045
CG 104	<b>CAMPANULA</b> collina	6,00	400	15	.....	CG 104
CG 116	<b>CAMPANULA</b> garganica	7,20	300	15	dark-germinator, must be covered .....	CG 116
CG 158	<b>CAMPANULA</b> latifolia var. macrantha [Amethyst]	4,20	500	15	.....	CG 158

Production – Breeding – Seed Technology	Prices in EURO net per 1000 seeds	Minimum order quantity/ seeds	Nº. of the sowing directions	Special Hints	Code Nº
CG 162 ☼ <b>CAMPANULA</b> latifolia var. macrantha 'Alba' . . . . .	4,20	500	15		CG 162
CG 190 <b>CAMPANULA</b> portenschlagiana (muralis) . . . . .	12,00	300	15	dark-germinator, must be covered . . . . .	CG 190
CG 194 <b>CAMPANULA</b> poscharskyana . . . . .	7,20	400	15		CG 194
CG 200 <b>CAMPANULA</b> punctata f. rubriflora . . . . .	2,40	1000	15		CG 200
CG 370 <b>CHELONE</b> glabra . . . . .	18,00	150	15	varying temperatures beneficial, day 24°C, night 15°C	CG 370
CG 372 ☼ <b>CHELONE</b> lyoni 'Pink Temptation' . . . . .	18,00	150	15	varying temperatures beneficial, day 24°C, night 15°C	CG 372
CG 374 <b>CHELONE</b> obliqua . . . . .	18,00	150	15	varying temperatures beneficial, day 24°C, night 15°C	CG 374
CG 375 <b>CHELONE</b> obliqua var. alba . . . . .	18,00	150	15	varying temperatures beneficial, day 24°C, night 15°C	CG 375
CG 378 ☼ <b>CHIASTOPHYLLUM</b> oppositifolium [Goldtröpfchen, Solar Yellow] . . . . .	3,60	1000	15	germinates after 5-6 weeks at +26°C . . . . .	CG 378
CG 542 ☼ <b>CISTUS</b> incanus ssp. tauricus . . . . .	12,00	200	15		CG 542
CG 584 <b>CODONOPSIS</b> clematidea [Lilac Eyes] . . . . .	9,80	300	15		CG 584
CG 690 <b>CYCLAMEN</b> coum . . . . .	72,00	50	16	dark-germinator, must be covered, allow 5-6 weeks	CG 690
CG 695 ☼ <b>CYCLAMEN</b> coum ssp. caucasicum (caucasicum) . . . . .	144,00	50	16	dark-germinator, must be covered, allow 5-6 weeks	CG 695
CG 692 <b>CYCLAMEN</b> hederifolium (neapolitanum) . . . . .	72,00	50	16	requires 4-6 weeks for germination . . . . .	CG 692
CG 694 <b>CYCLAMEN</b> hederifolium 'Perlenteppich' [White Pearls] . . . . .	144,00	50	16	requires 4-6 weeks for germination . . . . .	CG 694
CG 698 <b>CYCLAMEN</b> hederifolium 'Rosenteppich' [Pink Pearls] . . . . .	144,00	50	16	requires 4-6 weeks for germination . . . . .	CG 698
DG 420 <b>DODECATHEON</b> meadia . . . . .	12,00	200	15	varying temperatures beneficial, day 24°C, night 15°C	DG 420
DG 422 <b>DODECATHEON</b> meadia f. album . . . . .	72,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	DG 422
DG 423 <b>DODECATHEON</b> meadia 'Goliath' . . . . .	12,00	200	15	varying temperatures beneficial, day 24°C, night 15°C	DG 423
DG 424 <b>DODECATHEON</b> meadia 'Red Colors' . . . . .	24,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	DG 424
DG 421 ☼ <b>DODECATHEON</b> meadia Deluxe Mixture . . . . .	12,00	200	15	varying temperatures beneficial, day 24°C, night 15°C	DG 421
DG 425 <b>DODECATHEON</b> pulchellum . . . . .	36,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	DG 425
DG 426 <b>DODECATHEON</b> tetrandrump (jeffreyi) 'Rotlicht' [Red Light] . . . . .	36,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	DG 426
DG 480 ☼ <b>DRACOCEPHALUM</b> argunense 'Fuji Blue' . . . . .	64,00	50	15		DG 480
DG 482 ☼ <b>DRACOCEPHALUM</b> argunense 'Fuji White' . . . . .	64,00	50	15		DG 482
EG 003 ☼ <b>ECHINACEA</b> angustifolia . . . . .	24,00	100	15	germination occurs in 1-2 weeks . . . . .	EG 003
EG 005 ☼ <b>ECHINACEA</b> pallida 'Hula Dancer' . . . . .	24,00	100	15		EG 005
EG 006 ☼ <b>ECHINACEA</b> paradoxa var. paradoxa . . . . .	24,00	100	15	germination occurs in 1-2 weeks . . . . .	EG 006
EG 007 <b>ECHINACEA</b> simulata . . . . .	24,00	100	15		EG 007
EG 008 ☼ <b>ECHINACEA</b> tennesseensis 'Rocky Top Hybr.' . . . . .	24,00	100	15		EG 008
EG 130 ☼ <b>ERODIUM</b> manescavii . . . . .	98,00	50	16	requires 4-6 weeks for germination . . . . .	EG 130
EG 202 ☼ <b>EUPATORIUM</b> fistulosum f. albium 'Ivory Towers' . . . . .	7,20	400	15		EG 202
EG 206 <b>EUPATORIUM</b> mac. 'Atropurpureum' (fist. 'Atropurpureum') [Glow] . . . . .	7,20	400	15		EG 206
EG 212 <b>EUPATORIUM</b> purpureum . . . . .	5,40	400	15		EG 212
EG 250 ☼ <b>EUPHORBIA</b> characias ssp. wulfenii (veneta) . . . . .	64,00	50	15	varying temperatures beneficial, day 24°C, night 15°C	EG 250
EG 226 <b>EUPHORBIA</b> corallioides . . . . .	32,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	EG 226
EG 236 ☼ <b>EUPHORBIA</b> myrsinites . . . . .	64,00	50	15	varying temperatures beneficial, day 24°C, night 15°C	EG 236
NEW! EG 242 <b>EUPHORBIA</b> palustris . . . . .	148,00	50	15	requires 4-6 weeks for germination . . . . .	EG 242
EG 240 <b>EUPHORBIA</b> polychroma (epithymoides) . . . . .	32,00	100	15		EG 240
FG 018 <b>FILIPENDULA</b> ulmaria . . . . .	5,40	400	15		FG 018
GG 051 ☼ <b>GAULTHERIA</b> procumbens 'Redwood'™ . . . . .	7,20	300	16	requires 4-6 weeks for germination . . . . .	GG 051
GG 070 <b>GENTIANA</b> acaulis (kochiana) . . . . .	12,00	200	15	requires 4-6 weeks for germination . . . . .	GG 070
GG 083 ☼ <b>GENTIANA</b> angustifolia 'Frei-Hybr.' (acaulis 'Maxima') . . . . .	18,00	200	15	requires 4-6 weeks for germination . . . . .	GG 083
GG 086 ☼ <b>GENTIANA</b> asclepiadea . . . . .	7,20	300	15		GG 086
GG 090 ☼ <b>GENTIANA</b> asclepiadea var. alba . . . . .	12,00	300	15		GG 090
GG 088 ☼ <b>GENTIANA</b> asclepiadea 'Pink Swallow' . . . . .	18,00	300	15		GG 088
GG 102 <b>GENTIANA</b> clusii . . . . .	18,00	200	15	requires 4-6 weeks for germination . . . . .	GG 102
GG 099 ☼ <b>GENTIANA</b> cruciata 'Blue Cross' . . . . .	6,00	400	15		GG 099
GG 134 ☼ <b>GENTIANA</b> lutea . . . . .	6,00	400	15		GG 134
GG 138 <b>GENTIANA</b> Makinoi-Hybr. 'Royal Blue' . . . . .	7,20	500	15		GG 138
GG 148 ☼ <b>GENTIANA</b> oschtenica (verna ssp. oschtenica) . . . . .	48,00	200	15		GG 148
GG 151 ☼ <b>GENTIANA</b> Paradoxa-Hybr. 'Blue Herald' . . . . .	7,20	500	15		GG 151
GG 172 <b>GENTIANA</b> septemfida var. lagodechiana . . . . .	3,60	500	15	germination occurs in 1-2 weeks . . . . .	GG 172
GG 174 ☼ <b>GENTIANA</b> septemfida var. lagodechiana 'Bella Alpinella' . . . . .	5,40	500	15	germination occurs in 1-2 weeks . . . . .	GG 174
GG 173 <b>GENTIANA</b> septemfida var. lagodechiana 'Select' . . . . .	5,40	500	15	germination occurs in 1-2 weeks . . . . .	GG 173
GG 190 <b>GENTIANA</b> triflora var. japonica . . . . .	4,20	500	15		GG 190
GG 197 <b>GENTIANA</b> verna var. angulosa . . . . .	16,00	200	15		GG 197
GG 195 <b>GENTIANA</b> verna var. angulosa 'Alba' . . . . .	18,00	200	15		GG 195


 TROLLIUS chinensis 'Golden Queen'  
germination comparison: untreated to JELITTO GOLD NUGGET SEED®

 VIOLA sororia 'Freckles'  
germination comparison: untreated to JELITTO GOLD NUGGET SEED®


Production – Breeding – Seed Technology	Prices in EURO net per 1000 seeds	Minimum order quantity/ seeds	Nº. of the sowing directions	Special Hints	Code Nº
GG 198 ☼ <b>GENTIANA</b> verna ssp. tergestina .....	12,00	200	15	requires 4-6 weeks for germination .....	GG 198
GG 204 ☼ <b>GERANIUM</b> bohemicum [ <i>Orchid Blue, Blue Rhapsody</i> ] .....	64,00	50	15	.....	GG 204
GG 210 <b>GERANIUM</b> endressii .....	64,00	50	15	.....	GG 210
GG 215 ☼ <b>GERANIUM</b> macrorrhizum, wild form .....	64,00	50	16	.....	GG 215
GG 256 ☼ <b>GERANIUM</b> maderense 'Guernsey White' .....	240,00	50	15	.....	GG 256
GG 209 <b>GERANIUM</b> palustre .....	64,00	50	15	.....	GG 209
GG 218 <b>GERANIUM</b> pratense .....	64,00	50	15	.....	GG 218
GG 227 <b>GERANIUM</b> pratense f. <i>albiflorum</i> .....	128,00	50	15	.....	GG 227
GG 231 ☼ <b>GERANIUM</b> pratense 'Dark Reiter' .....	240,00	50	15	germination occurs in 1-2 weeks .....	GG 231
GG 237 <b>GERANIUM</b> pratense 'Painter's Palette' .....	64,00	50	15	.....	GG 237
GG 229 ☼ <b>GERANIUM</b> pratense 'Striatum' [ <i>Splash-Splash, Bicolor</i> ] .....	128,00	50	15	germination occurs in 1-2 weeks .....	GG 229
GG 222 <b>GERANIUM</b> sanguineum [ <i>Vision Violet</i> ] .....	125,00	50	15	.....	GG 222
GG 223 <b>GERANIUM</b> sanguineum f. <i>nanum</i> .....	240,00	50	15	.....	GG 223
GG 205 <b>GERANIUM</b> sanguineum var. <i>striatum</i> [ <i>Vision Light Pink</i> ] .....	125,00	50	15	.....	GG 205
GG 226 <b>GERANIUM</b> sylvaticum .....	64,00	50	15	.....	GG 226
GG 234 <b>GERANIUM</b> wallichianum 'Buxton's Variety' .....	240,00	50	15	.....	GG 234
GG 243 <b>GERANIUM</b> wlassovianum .....	128,00	50	15	.....	GG 243
GG 240 <b>GEUM</b> coccineum Borisii-Strain [ <i>Tango, Queen of Orange, Cookie</i> ] .....	28,00	100	15	varying temperatures, night 18°C, day 26°C, of benefit.	GG 240
GG 241 ☼ <b>GEUM</b> coccineum 'Koi' .....	28,00	100	15	varying temperatures, night 18°C, day 26°C, of benefit.	GG 241
GG 266 ☼ <b>GILLENA</b> trifoliata .....	98,00	50	16	.....	GG 266
GG 296 <b>GLECHOMA</b> hederaea .....	4,20	500	16	.....	GG 296
GG 317 <b>GLYCYRRHIZA</b> glabra .....	72,00	50	15	germination occurs in 1-2 weeks .....	GG 317
GG 336 ☼ <b>GYPSOPHILA</b> cerastioides [ <i>Pixie Splash</i> ] .....	24,00	100	15	germination occurs in 1-2 weeks .....	GG 336
HG 052 <b>HELIANTHEMUM</b> nummularium [ <i>Evergreen</i> ] .....	7,20	300	15	germination occurs in 1-2 weeks .....	HG 052
HG 181 ☼ <b>HEUCHERA</b> americana 'Dale's Strain' .....	2,40	1000	15	.....	HG 181
HG 186 ☼ <b>HEUCHERA</b> americana 'Palace Purple Select' .....	3,60	1000	15	.....	HG 186
HG 189 ☼ <b>HEUCHERA</b> pulchella .....	2,40	1000	15	.....	HG 189
HG 196 <b>HEUCHERA</b> sanguinea 'Leuchtkäfer' [ <i>Firefly</i> ] .....	2,40	1000	15	.....	HG 196
HG 197 ☼ <b>HEUCHERA</b> sanguinea 'White Cloud' .....	2,40	1000	15	.....	HG 197
HG 190 ☼ <b>HEUCHERA</b> villosa var. <i>macrorrhiza</i> [ <i>Autumn Bride</i> ] .....	2,40	1000	15	.....	HG 190
HG 208 ☼ <b>HIBISCUS</b> coccineus .....	42,00	50	15	dark-germinator, must be covered.	HG 208
HG 210 <b>HIBISCUS</b> moscheutos (palustris) .....	42,00	50	15	dark-germinator, must be covered.	HG 210
HG 212 ☼ <b>HIBISCUS</b> Moscheutos-Hybr. 'Galaxy' .....	72,00	50	15	dark-germinator, must be covered.	HG 212
HG 280 <b>HUMULUS</b> lupulus .....	24,00	100	15	.....	HG 280
HG 314 ☼ <b>HYPERICUM</b> calycinum [ <i>Rose of Sharon</i> ] .....	18,00	200	15	varying temperatures, night 18°C, day 26°C, of benefit.	HG 314
HG 316 ☼ <b>HYPERICUM</b> cerastioides ( <i>rhodophaeum</i> ) [ <i>Silvana</i> ] .....	12,00	200	15	varying temperatures, night 18°C, day 26°C, of benefit.	HG 316
IG 004 ☼ <b>IBERIS</b> aurosica 'Sweetheart' .....	24,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	IG 004
IG 024 ☼ <b>IBERIS</b> sempervirens 'Snow Cushion' .....	12,00	200	15	varying temperatures beneficial, day 24°C, night 15°C	IG 024
IG 114 ☼ <b>IRIS</b> kaempferi (ensata) .....	28,00	100	16	.....	IG 114
IG 160 ☼ <b>IRIS</b> setosa ssp. <i>canadensis</i> (artica, hookeri, nana) .....	36,00	50	16	temperature +28°C beneficial.	IG 160
KG 037 ☼ <b>KNIPHOFIA</b> caulescens .....	24,00	100	16	.....	KG 037
KG 041 ☼ <b>KNIPHOFIA</b> hirsuta 'Fire Dance' [ <i>Traffic Lights</i> ] .....	24,00	100	15	dark-germinator, must be covered, allow 5-6 weeks.	KG 041
KG 043 ☼ <b>KNIPHOFIA</b> rooperi .....	24,00	100	15	.....	KG 043
LG 042 <b>LATHYRUS</b> latifolius 'Pink Pearl' .....	42,00	50	15	varying temperatures beneficial, day 24°C, night 15°C	LG 042
LG 044 <b>LATHYRUS</b> latifolius 'Red Pearl' .....	42,00	50	15	varying temperatures beneficial, day 24°C, night 15°C	LG 044
LG 046 <b>LATHYRUS</b> latifolius 'White Pearl' .....	42,00	50	15	varying temperatures beneficial, day 24°C, night 15°C	LG 046
LG 058 ☼ <b>LATHYRUS</b> vernus .....	98,00	50	16	.....	LG 058
LG 070 <b>LAVANDULA</b> angustifolia (officinalis) .....	3,60	500	15	.....	LG 070
LG 074 <b>LAVANDULA</b> angustifolia 'Hidcote Blue-Strain' .....	5,40	500	15	.....	LG 074
LG 076 ☼ <b>LAVANDULA</b> angustifolia 'Hidcote Superior' .....	6,20	500	15	.....	LG 076
LG 078 <b>LAVANDULA</b> angustifolia Munstead-Strain .....	3,60	500	15	.....	LG 078
LG 080 ☼ <b>LAVANDULA</b> angustifolia 'Rosea' [ <i>Pink Perfume</i> ] .....	9,80	500	15	.....	LG 080
LG 082 <b>LAVANDULA</b> latifolia (spica) .....	6,20	500	15	.....	LG 082
LG 086 <b>LAVANDULA</b> stoechas .....	9,80	500	15	.....	LG 086
LG 089 <b>LAVATERA</b> cachemiriana .....	24,00	100	15	.....	LG 089
LG 090 <b>LAVATERA</b> thuringiaca .....	24,00	100	15	.....	LG 090
LG 124 ☼ <b>LEWISIA</b> Cotyledon-Hybr. 'Regenbogen' [ <i>Rainbow</i> ] .....	72,00	100	16	varying temperatures beneficial, day 24°C, night 15°C	LG 124
LG 131 <b>LEWISIA</b> Cotyledon-Hybr. 'Sunset-Strain' .....	48,00	100	16	varying temperatures beneficial, day 24°C, night 15°C	LG 131
LG 145 ☼ <b>LEWISIA</b> Longipetala-Hybr. 'Little Mango' .....	72,00	100	16	varying temperatures beneficial, day 24°C, night 15°C	LG 145
LG 140 ☼ <b>LEWISIA</b> Longipetala-Hybr. 'Little Peach' .....	72,00	100	16	varying temperatures beneficial, day 24°C, night 15°C	LG 140
LG 135 ☼ <b>LEWISIA</b> Longipetala-Hybr. 'Little Plum' .....	72,00	100	16	varying temperatures beneficial, day 24°C, night 15°C	LG 135
LG 147 ☼ <b>LEWISIA</b> Longipetala-Hybr. 'Little Raspberry' .....	72,00	100	16	varying temperatures beneficial, day 24°C, night 15°C	LG 147
LG 148 ☼ <b>LEWISIA</b> Longipetala-Hybr. 'Little Snowberry' .....	72,00	100	16	varying temperatures beneficial, day 24°C, night 15°C	LG 148
LG 149 ☼ <b>LEWISIA</b> Longipetala-Hybr. 'Little Tutti Frutti' .....	72,00	100	16	varying temperatures beneficial, day 24°C, night 15°C	LG 149
LG 292 <b>LINARIA</b> purpurea .....	2,40	1000	15	.....	LG 292
LG 296 <b>LINARIA</b> purpurea 'Canon Went' .....	2,40	1000	15	.....	LG 296
LG 294 <b>LINARIA</b> purpurea 'Springside White' .....	2,40	1000	15	.....	LG 294
LG 322 <b>LINUM</b> capitatum [ <i>Sulphur</i> ] .....	28,00	100	15	.....	LG 322
LG 331 ☼ <b>LINUM</b> hypericifolium .....	28,00	100	15	.....	LG 331
LG 332 ☼ <b>LINUM</b> narbonense [ <i>Heavenly Blue</i> ] .....	28,00	100	15	.....	LG 332
LG 370 ☼ <b>LOBELIA</b> cardinalis .....	3,60	500	16	varying temperatures, night 18°C, day 26°C, of benefit.	LG 370
LG 373 <b>LOBELIA</b> sessilifolia .....	12,00	200	15	.....	LG 373
LG 378 ☼ <b>LOBELIA</b> siphilitica .....	3,60	500	15	.....	LG 378
LG 379 <b>LOBELIA</b> siphilitica 'Alba' .....	3,60	500	15	.....	LG 379
LG 522 ☼ <b>LYSIMACHIA</b> clethroides [ <i>Lady Jane</i> ] .....	24,00	100	15	.....	LG 522
LG 524 ☼ <b>LYSIMACHIA</b> punctata .....	4,20	500	15	.....	LG 524
LG 527 <b>LYSIMACHIA</b> vulgaris .....	3,60	500	15	.....	LG 527



RUDBECKIA fulgida var. sullivantii 'Goldsturm'  
germination comparison: untreated to JELITTO GOLD NUGGET SEED®



RUDBECKIA fulgida var. sullivantii 'Goldsturm'  
germination comparison: untreated to JELITTO GOLD NUGGET SEED®

	Prices in EURO net per 1000 seeds	Minimum order quantity/ seeds	Nº. of the sowing directions	Special Hints	Code Nº
LG 530 <b>LYTHRUM</b> salicaria [ <i>Rosy Gem, Red Beauties</i> ] .....	3,60	500	16	varying temperatures, night 18°C, day 26°C, of benefit.	LG 530
MG 030 <b>MALVA</b> alcea var. fastigiata .....	9,80	200	15	.....	MG 030
MG 034 <b>MALVA</b> moschata [ <i>Rosea, Pink Perfection</i> ] .....	5,40	400	15	.....	MG 034
MG 038 <b>MALVA</b> moschata f. alba [ <i>White Perfection</i> ] .....	5,40	400	15	.....	MG 038
MG 039 <b>MALVA</b> moschata 'Appleblossom' .....	5,40	400	15	.....	MG 039
MG 043 <b>MALVA</b> sylvestris ssp. mauritiana [ <i>Bibor Feijo</i> ] .....	9,80	200	15	germination occurs in 1-2 weeks .....	MG 043
MG 041 <b>MALVA</b> sylvestris 'Zebrina' .....	9,80	200	15	germination occurs in 1-2 weeks .....	MG 041
MG 060 <b>MECONOPSIS</b> betonicifolia [ <i>China Blue</i> ] .....	36,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	MG 060
MG 062 <b>MECONOPSIS</b> betonicifolia var. alba .....	36,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	MG 062
MG 063 <b>MECONOPSIS</b> betonicifolia 'Hensol Violet' .....	36,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	MG 063
MG 066 <b>MECONOPSIS</b> cambrica .....	7,20	300	15	varying temperatures beneficial, day 24°C, night 15°C	MG 066
MG 075 <b>MECONOPSIS</b> integrifolia .....	24,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	MG 075
MG 072 <b>MECONOPSIS</b> paniculata .....	24,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	MG 072
MG 067 <b>MECONOPSIS</b> x sheldonii 'Lingholm' ( <i>grandis</i> hort.) [ <i>Blue Ice</i> ] .....	48,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	MG 067
OG 026 <b>OENOTHERA</b> macrocarpa ( <i>missouriensis</i> ) .....	16,00	150	15	germination occurs in 1-2 weeks .....	OG 026
OG 027 <b>OENOTHERA</b> macrocarpa ssp. fremontii 'Silver Wings' .....	32,00	100	15	germination occurs in 1-2 weeks .....	OG 027
OG 028 <b>OENOTHERA</b> macrocarpa ssp. incana Silver Blade® [ <i>Pewter Moon</i> ] .....	32,00	100	15	germination occurs in 1-2 weeks .....	OG 028
OG 062 <b>ONONIS</b> spinosa .....	32,00	100	15	.....	OG 062
PG 200 <b>PENSTEMON</b> cobaea .....	32,00	100	16	requires 4-6 weeks for germination .....	PG 200
PG 208 <b>PENSTEMON</b> digitalis .....	3,60	300	15	germination occurs in 1-2 weeks .....	PG 208
PG 209 <b>PENSTEMON</b> digitalis 'Husker Red Superior Strain' .....	7,20	300	15	germination occurs in 1-2 weeks .....	PG 209
PG 218 <b>PENSTEMON</b> grandiflorus .....	16,00	150	16	requires 4-6 weeks for germination .....	PG 218
PG 219 <b>PENSTEMON</b> grandiflorus Prairie Jewel® [ <i>War Axe</i> ] .....	32,00	100	15	.....	PG 219
PG 224 <b>PENSTEMON</b> heterophyllus 'Züriblau' .....	6,20	300	15	.....	PG 224
PG 229 <b>PENSTEMON</b> hirsutus var. pygmaeus .....	3,60	500	15	.....	PG 229
PG 231 <b>PENSTEMON</b> hirsutus var. pygmaeus f. albus .....	3,60	500	15	.....	PG 231
PG 221 <b>PENSTEMON</b> mensarum .....	32,00	100	15	.....	PG 221
PG 236 <b>PENSTEMON</b> ovatus .....	6,20	300	15	.....	PG 236
PG 204 <b>PENSTEMON</b> serrulatus 'Albus' .....	6,20	300	15	.....	PG 204
PG 250 <b>PENSTEMON</b> smallii [ <i>Violet Dusk</i> ] .....	3,60	500	15	.....	PG 250
PG 256 <b>PENSTEMON</b> strictus [ <i>Bandera</i> ] .....	3,60	500	15	.....	PG 256
PG 252 <b>PENSTEMON</b> watsonii .....	6,20	300	16	requires 4-6 weeks for germination .....	PG 252
PG 258 <b>PENSTEMON</b> whippleanus [ <i>Chocolate Drop</i> ] .....	6,20	300	15	.....	PG 258
PG 280 <b>PHACELIA</b> sericea .....	12,00	200	15	.....	PG 280
PG 290 <b>PHLOMIS</b> fruticosa .....	72,00	50	16	requires 4-6 weeks for germination .....	PG 290
PG 294 <b>PHLOMIS</b> russeliana ( <i>samia</i> hort.) .....	42,00	200	15	.....	PG 294
PG 334 <b>PHYSALIS</b> alkekengi var. franchetii 'Zwerg' [ <i>Gnome</i> ] .....	12,00	200	15	germination occurs in 1-2 weeks .....	PG 334
PG 360 <b>PHYSOSTEGIA</b> virginiana 'Rosea' [ <i>Rose Queen, Rose Crown</i> ] .....	12,00	200	15	.....	PG 360
PG 479 <b>POLEMONIUM</b> carneum [ <i>Apricot Delight</i> ] .....	16,00	150	16	varying temperatures beneficial, day 24°C, night 15°C	PG 479
PG 560 <b>POTENTILLA</b> anserina .....	16,00	200	16	.....	PG 560
PG 742 <b>PRIMULA</b> auricula ( <i>alpina</i> ) .....	24,00	200	15	varying temperatures beneficial, day 24°C, night 15°C	PG 742
PG 750 <b>PRIMULA</b> beesiana .....	7,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 750
PG 758 <b>PRIMULA</b> x bulleiana .....	4,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 758
PG 754 <b>PRIMULA</b> bulleyana .....	7,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 754
PG 772 <b>PRIMULA</b> chionantha .....	7,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 772
PG 774 <b>PRIMULA</b> chungensis .....	7,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 774
PG 804 <b>PRIMULA</b> elatior, wild form .....	7,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 804
PG 808 <b>PRIMULA</b> farinosa .....	7,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 808
PG 844 <b>PRIMULA</b> japonica, Deluxe Mixture [ <i>Redfield-Hybr.</i> ] .....	4,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 844
PG 846 <b>PRIMULA</b> japonica 'Alba' [ <i>Postford White</i> ] .....	5,40	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 846
PG 847 <b>PRIMULA</b> japonica 'Appleblossom' .....	5,40	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 847
PG 850 <b>PRIMULA</b> japonica 'Millers Crimson' .....	5,40	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 850
PG 868 <b>PRIMULA</b> parryi .....	12,00	300	15	varying temperatures beneficial, day 24°C, night 15°C	PG 868
PG 872 <b>PRIMULA</b> poissonii .....	12,00	300	15	varying temperatures beneficial, day 24°C, night 15°C	PG 872
PG 874 <b>PRIMULA</b> polystoma .....	12,00	300	15	varying temperatures beneficial, day 24°C, night 15°C	PG 874
PG 878 <b>PRIMULA</b> x pubescens .....	16,00	150	16	varying temperatures beneficial, day 24°C, night 15°C	PG 878

Production – Breeding – Seed Technology	Prices in EURO net per 1000 seeds	Minimum order quantity/ seeds	Nº of the sowing directions	Special Hints	Code Nº
PG 880 <b>PRIMULA</b> x pubescens 'Kaleidoscope'.....	24,00	100	16	varying temperatures beneficial, day 24°C, night 15°C	PG 880
PG 884 <b>PRIMULA</b> pulverulenta.....	7,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 884
PG 890 <b>PRIMULA</b> rosea 'Gigas'.....	7,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 890
PG 896 <b>PRIMULA</b> secundiflora.....	12,00	300	15	varying temperatures beneficial, day 24°C, night 15°C	PG 896
PG 898 <b>PRIMULA</b> sieboldii.....	24,00	200	16	varying temperatures beneficial, day 24°C, night 15°C	PG 898
PG 902 <b>PRIMULA</b> sinopurpurea (chionantha ssp. sinopurpurea).....	7,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 902
PG 910 <b>PRIMULA</b> veris (officinalis).....	4,20	500	15	varying temperatures beneficial, day 24°C, night 15°C	PG 910
PG 916 <b>PRIMULA</b> veris 'Sunset Shades'.....	24,00	100	15	varying temperatures beneficial, day 24°C, night 15°C	PG 916
PG 926 <b>PRIMULA</b> vulgaris (acaulis).....	32,00	100	15	germinating in 4-6 weeks at 24°C days, 15°C nights	PG 926
PG 927 <b>PRIMULA</b> vulgaris ssp. sibthorpii (sibthorpii, woronowii).....	64,00	100	15	germinating in 4-6 weeks at 24°C days, 15°C nights	PG 927
PG 986 <b>PULSATILLA</b> vernalis.....	24,00	100	15	requires 4-6 weeks for germination.....	PG 986
PG 988 <b>PULSATILLA</b> vulgaris.....	16,00	150	15	requires 4-6 weeks for germination.....	PG 988
PG 990 <b>PULSATILLA</b> vulgaris 'Alba' [Weiße Glocke, White Bells, White Swan].....	16,00	150	15	requires 4-6 weeks for germination.....	PG 990
PG 989 <b>PULSATILLA</b> vulgaris 'Blaue Glocke' [Violet Bells].....	16,00	150	15	requires 4-6 weeks for germination.....	PG 989
PG 980 <b>PULSATILLA</b> vulgaris 'Perlen Glocke' [Pearl Bells].....	16,00	150	15	requires 4-6 weeks for germination.....	PG 980
PG 991 <b>PULSATILLA</b> vulgaris 'Rosen Glocke' [Rose Bells].....	16,00	150	15	requires 4-6 weeks for germination.....	PG 991
PG 992 <b>PULSATILLA</b> vulgaris 'Rote Glocke' [Red Bells, Röde Klokke].....	16,00	150	15	requires 4-6 weeks for germination.....	PG 992
PG 800 <b>PULSATILLA</b> vulgaris 'Prima Papagena'.....	16,00	150	15	requires 4-6 weeks for germination.....	PG 800
RG 036 <b>RANUNCULUS</b> gramineus.....	48,00	50	16	requires 4-6 weeks for germination.....	RG 036
RG 090 <b>RHODIOLA</b> rosea.....	7,20	500	15	.....	RG 090
RG 130 <b>ROSMARINUS</b> officinalis.....	16,00	150	15	.....	RG 130
RG 160 <b>RUDBECKIA</b> fulgida var. deamii.....	12,00	200	15	light-germinator, do not cover, night 18°C, day 26°C.	RG 160
RG 162 <b>RUDBECKIA</b> fulgida var. fulgida.....	12,00	200	16	light-germinator, do not cover, night 18°C, day 26°C.	RG 162
RG 190 <b>RUDBECKIA</b> fulgida var. speciosa (neumannii).....	12,00	200	15	light-germinator, do not cover, night 18°C, day 26°C.	RG 190
RG 164 <b>RUDBECKIA</b> fulgida var. sullivantii 'Goldsturm'.....	8,40	300	15	light-germinator, do not cover, night 18°C, day 26°C.	RG 164
RG 173 <b>RUDBECKIA</b> missouriensis.....	12,00	200	16	light-germinator, do not cover, night 18°C, day 26°C.	RG 173
RG 202 <b>RUELLIA</b> humilis.....	148,00	50	15	.....	RG 202
SG 150 <b>SAPONARIA</b> ocyoides 'Snow Tip'.....	12,00	200	15	.....	SG 150
SG 144 <b>SAPONARIA</b> officinalis.....	12,00	200	15	.....	SG 144
SG 152 <b>SAPONARIA</b> pumilio.....	92,00	50	15	.....	SG 152
SG 400 <b>SEMPERVIVUM</b> hybridum winter hardy varieties.....	4,20	500	15	germination occurs in 1-2 weeks	SG 400
SG 432 <b>SIDA</b> hermaphrodita.....	16,00	150	15	.....	SG 432
SG 434 <b>SIDALCEA</b> candida 'Bianca'.....	18,00	150	15	.....	SG 434
SG 436 <b>SIDALCEA</b> Malviflora-Hybr. 'Partygirl' [Rosanna].....	7,20	300	15	.....	SG 436
SG 437 <b>SIDALCEA</b> Malviflora-Hybr. 'Rosaly'.....	18,00	150	15	.....	SG 437
SG 510 <b>SISYRINCHIUM</b> angustifolium.....	16,00	150	16	requires 4-6 weeks for germination.....	SG 510
SG 511 <b>SISYRINCHIUM</b> angustifolium f. album.....	16,00	150	16	requires 4-6 weeks for germination.....	SG 511
SG 522 <b>SISYRINCHIUM</b> californicum [Yellow Stone].....	32,00	100	15	requires 4-6 weeks for germination.....	SG 522
SG 534 <b>SISYRINCHIUM</b> striatum.....	24,00	100	15	requires 4-6 weeks for germination.....	SG 534
SG 560 <b>SOLDANELLA</b> alpina.....	24,00	100	15	requires 4-6 weeks for germination.....	SG 560
SG 562 <b>SOLDANELLA</b> montana.....	48,00	100	15	requires 4-6 weeks for germination.....	SG 562
SG 610 <b>STACHYS</b> macrantha (grandiflora).....	48,00	50	15	.....	SG 610
SG 611 <b>STACHYS</b> macrantha 'Morning Blush'.....	72,00	50	15	.....	SG 611
TG 020 <b>TELLIMA</b> grandiflora.....	2,40	1000	15	.....	TG 020
TG 088 <b>THALICTRUM</b> rochebrunianum [Lavender Mist].....	54,00	50	15	.....	TG 088
NEW! TG 089 <b>THALICTRUM</b> rochebrunianum var. grandisepalum.....	64,00	50	15	.....	TG 089
TG 096 <b>THERMOPSIS</b> caroliniana (villosa).....	28,00	50	15	.....	TG 096
TG 098 <b>THERMOPSIS</b> chinensis [Sunrise].....	54,00	50	15	.....	TG 098
TG 140 <b>TIARELLA</b> wherryi (collina) [Silverado, Sugar Scoop].....	12,00	200	16	requires 4-6 weeks for germination.....	TG 140
TG 190 <b>TRICYRTIS</b> hirta.....	12,00	200	15	.....	TG 190
TG 192 <b>TRICYRTIS</b> Hirta-Hybr. 'Miyazaki'.....	24,00	100	15	.....	TG 192
TG 194 <b>TRICYRTIS</b> latifolia (bakeri).....	24,00	100	15	.....	TG 194
TG 240 <b>TROLLIUS</b> chinensis 'Goldkönigin' (ledbourii) [Golden Queen].....	12,00	200	15	.....	TG 240
TG 242 <b>TROLLIUS</b> chinensis 'Morning Sun'.....	36,00	100	16	.....	TG 242
TG 244 <b>TROLLIUS</b> x cultorum 'New Moon'.....	36,00	100	15	.....	TG 244
TG 248 <b>TROLLIUS</b> x cultorum 'New Hybrids'.....	12,00	200	15	.....	TG 248
TG 256 <b>TROLLIUS</b> europaeus.....	12,00	200	15	.....	TG 256
TG 257 <b>TROLLIUS</b> europaeus f. compactus 'Lemon Supreme'.....	36,00	100	15	.....	TG 257
TG 258 <b>TROLLIUS</b> laxus var. albiflorus.....	24,00	100	16	.....	TG 258
TG 260 <b>TROLLIUS</b> pumilus.....	24,00	100	15	.....	TG 260
VG 100 <b>VERBENA</b> bonariensis [Buenos Aires, Finesse, Purple Top].....	6,20	500	15	varying temperatures, night 18°C, day 26°C, of benefit.	VG 100
VG 112 <b>VERBENA</b> hastata 'Blue Spires'.....	6,20	500	15	varying temperatures, night 18°C, day 26°C, of benefit.	VG 112
VG 113 <b>VERBENA</b> hastata 'Pink Spires'.....	6,20	500	15	varying temperatures, night 18°C, day 26°C, of benefit.	VG 113
VG 114 <b>VERBENA</b> hastata 'White Spires'.....	6,20	500	15	varying temperatures, night 18°C, day 26°C, of benefit.	VG 114
VG 120 <b>VERNONIA</b> crinita.....	12,00	200	15	requires 4-6 weeks for germination.....	VG 120
VG 124 <b>VERNONIA</b> noveboracensis.....	12,00	200	15	requires 4-6 weeks for germination.....	VG 124
VG 191 <b>VERONICASTRUM</b> sibiricum.....	3,60	600	15	.....	VG 191
VG 180 <b>VERONICASTRUM</b> virginicum f. albiflorum.....	3,60	600	15	.....	VG 180
NEW! VG 181 <b>VERONICASTRUM</b> virginicum f. caeruleum.....	3,60	600	15	.....	VG 181
VG 262 <b>VIOLA</b> elatior.....	12,00	200	15	requires 4-6 weeks for germination.....	VG 262
VG 234 <b>VIOLA</b> labradorica hort. 'Purpurea'.....	24,00	100	16	requires 4-6 weeks for germination.....	VG 234
VG 246 <b>VIOLA</b> sororia 'Albiflora'.....	18,00	150	15	requires 4-6 weeks for germination.....	VG 246
VG 252 <b>VIOLA</b> sororia 'Dark Freckles'.....	18,00	150	15	requires 4-6 weeks for germination.....	VG 252
VG 248 <b>VIOLA</b> sororia 'Freckles'.....	18,00	150	15	requires 4-6 weeks for germination.....	VG 248
VG 247 <b>VIOLA</b> sororia 'Rubra' [Emperor Magenta Red].....	18,00	150	15	requires 4-6 weeks for germination.....	VG 247
VG 263 <b>VIOLA</b> sororia 'Sorority Sisters'.....	18,00	150	15	requires 4-6 weeks for germination.....	VG 263
ZG 004 <b>ZIGADENUS</b> elegans.....	24,00	100	15	.....	ZG 004

## Production – Breeding – Seed Technology

Culinary and medicinal herbs and teas are becoming increasingly popular due to the growing trend towards a healthier lifestyle. In traditional Chinese medicine over 5000 different plants are currently used. Their popularity has led to an increased demand and Chinese medicinal herbs are now being grown successfully in Europe and America. We have decided to expand our original range of herbs by adding a further selection of mainly hardy, culinary and medicinal herbs and teas.

Following notes are made for better understanding:

Ⓐ = Kitchen herbs: herbs which are used for seasoning, as salad plants or ingredients for gourmet cooking.

Ⓣ = Tea herbs: herbs which are used to make herbal teas.

Ⓑ = Bee herbs: bee- and pollinator friendly herbs.

Ⓓ = Herbal drugs: herbs which are used for medicinal purposes.

TCM plant = herbs which are used in traditional Chinese medicine.

BLBP plant provenance = abbreviation for the provenance of plants by the Bayerische Landesanstalt für Landwirtschaft (Bavarian regional authority for agriculture, previously Bayerischen Landesanstalt für Bodenkultur und Pflanzenbau).

These plants are selectively bred with distinctly better properties than normally available plant material. Plants with 'BLBP' provenance have been tested over a period of years on their suitability for field production, particularly with regard to quality and yield and on their botanic identity as stipulated by the pharmacopoeia.

These plants are therefore ideally suited for commercial field production. 'BLBP' certified plants also fulfil all specifications for ingredients stipulated by the Chinese pharmacopoeia. Unauthorised seed propagation is strictly prohibited.

In our new section we have deliberately omitted, toxic or poisonous plants, although many of these herbs are commonly used medicinally. Species not mentioned here may be found in the main assortment under "Special Hints" marked with a "⚠" (Aesclepius staff).

**Warning!** Supposedly non-toxic herbs taken in the wrong quantity can cause damage to health! All herbs should only be used with the appropriate expertise and in compliance with the regulations stipulated in the country of use. The information we have compiled is given in good faith and does not claim to be complete. We give no guarantee and accept no liability for its content.

			Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:				
					from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>ACHILLEA</b> (Asteraceae, Compositae)									
AA 028	ⓐ millefolium, wild form, Yarrow, 40 cm, white, VI-X, Z2-9 ( <i>see also Organic-Seeds</i> )	… Ⓛ Ⓜ Ⓝ	1	15	128,00	32,00	8,00	2,00	2,00
AA 033	ⓐ millefolium 'Proa', 40 cm, pure white, uniform habit, tetraploid cultivar, high oil concentration, VI-VIII, Z2-9 ( <i>see also Organic-Seeds</i> )	… Ⓛ Ⓜ Ⓝ	1	15	672,00	96,00	12,00	3,00	2,00
AA 041	ⓐ nobilis, Noble Yarrow, 50 cm, cream-yellow, for dry places, VI-IX, Z5-7 ( <i>see also Organic-Seeds</i> )	… Ⓛ Ⓜ Ⓝ	1	15	920,00	136,00	24,00	4,20	2,00
<b>ACMELLA</b> (Asteraceae, Compositae)									
AA 077	ⓘ oleracea f. purpurea [SPILANTHES] [ <i>Bull's Eye, Electric Buttons, Peek-A-Boo</i> ], Purple leaved Paracress, Toothache Plant, 30 cm, brown-yellow flower buds, bronze-green foliage, V-IX, Z9-11 ( <i>see also Organic-Seeds</i> )	… Ⓛ Ⓝ	1	15	–	740,00	82,00	9,40	3,80
AA 076	ⓘ oleracea f. viridis [SPILANTHES], Green leaved Paracress, Eyeball Plant, 30 cm, yellow flowerheads, green foliage, V-IX, Z9-11	… Ⓛ Ⓝ	1	15	–	580,00	64,00	8,00	3,20
<b>AGASTACHE</b> (Lamiaceae, Labiateae)									
	aurantiaca - see <i>Organic Seed</i>								
AA 154	ⓘ foeniculum (anisata-hort.), True Anise-Hyssop, 70 cm, blue, dark green foliage, silvery underneath, true, VII-IX, Z5-9 ( <i>see also Organic-Seeds</i> )	… Ⓛ Ⓜ Ⓝ	1	15	2688,00	384,00	48,00	6,00	3,00
AA 156	rugosa [ <i>Liquorice Blue, Blue Spike</i> ], (Huo Xiang), Blue Anis Hyssop, 60 cm, blue lilac, aromatic, VI-IX, Z6-9, TCM plant ( <i>see also Organic-Seeds</i> )	… Ⓛ Ⓜ Ⓝ	2	15	140,00	32,00	8,00	2,00	2,00
AA 157	rugosa f. albiflora [ <i>Alabaster, Alba, Liquorice White, Snow Spike</i> ], White Anis Hyssop, 60 cm, pure white, VI-IX, Z6-9 ( <i>see also Organic-Seeds</i> )	… Ⓛ Ⓜ Ⓝ	2	15	224,00	32,00	8,00	2,00	2,00
AA 149	ⓘ rugosa (foeniculum) 'Golden Jubilee', (AS) (FS), 50 cm, blue, unique golden foliage, attractive foliage plant, VI-X, Z6-9	… Ⓛ Ⓜ Ⓝ	1	15	–	1920,00	240,00	32,00	6,00
AA 162	ⓘ rugosa 'Korean Zest', Korean Mint, 50 cm, deep violet-blue, narrow blossom panicles, dark stems, compact, bushy habit, VII-IX, Z5-9 ( <i>see also Organic-Seeds</i> )	… Ⓛ Ⓜ Ⓝ	1	15	–	392,00	56,00	8,00	2,40
	rupestris - see <i>Organic Seed</i>								
<b>AGRIMONIA</b> (Rosaceae)									
AA 155	eupatoria, Common Agrimony, 50 cm, yellow, VI-VIII, Z3-8 ( <i>see also Organic-Seeds</i> )	… Ⓛ Ⓜ Ⓝ	75	9	128,00	32,00	8,00	2,00	2,00
AA 151	eupatoria var. alba, 50 cm, white flowering form, intense dark green, feathered foliage, VI-VIII, Z3-8	… Ⓛ Ⓜ Ⓝ	50	9	–	128,00	16,00	2,40	4,00
	procera - see <i>Organic Seed</i>								
<b>AGROSTEMMA</b> - see <i>Organic Seed</i>									
<b>AJUGA</b> - see <i>Organic Seed</i>									
<b>ALCEA (ALTHAEA)</b> (Malvaceae)									
AA 308	ⓘ rosea var. nigra [ <i>Jet Black, Arabian Nights</i> ], Hollyhock, 180 cm, single, black-red, V-X, Z3-9 ( <i>see also Organic-Seeds</i> )	… Ⓛ Ⓜ Ⓝ	25	15	320,00	64,00	8,00	2,00	2,00



ACMELLA oleracea f. purpurea



AGASTACHE foeniculum



AGASTACHE rugosa 'Golden Jubilee'



AGASTACHE rugosa 'Korean Zest'



**ALLIUM ramosum**



**ALLIUM schoenoprasum 'White One'**



**ALLIUM schoenoprasum 'Pink One'**



**ALLIUM tricoccum**



**ALLIUM schoenoprasum 'Purple One'**

			Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:				
					from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>ALCHEMILLA (Rosaceae)</b>									
AA 178	<b>xanthochlora (vulgaris)</b> , Lady's Mantle, 50 cm, yellow-green, VI-VIII, Z3-8 <i>(see also GOLD NUGGET SEED® + Organic-Seeds)</i> , . . . . .	pure seed ®	1	1	1980,00	256,00	32,00	4,00	2,20
<b>ALLIUM (Alliaceae, Liliaceae)</b>									
AA 208	<b>fistulosum</b> , Welsh Onion (Cong-Bai), 40 cm, yellowish-white, very large hollow leaves, VII-VIII, Z4-7, TCM plant <i>(see also Organic-Seeds)</i> , . . . . .	® ® ®	5	16	96,00	24,00	6,00	2,00	2,00
AA 247	<b>ramosum (odorum)</b> , Fragrant Flowered Garlic, 40 cm, bell shaped white umbels, similar to A. tuberosum, but earlier flowering, VI-VIII, Z5-9 <i>(see also Organic-Seeds)</i> , . . . . .	® ® ®	10	16	–	168,00	24,00	3,40	2,00
AA 241	<b>schoenoprasum</b> , Chives, 40 cm, lilac, V-VIII, Z3-9 <i>(see also Organic-Seeds)</i> , . . . . .	® ®	3	15	120,00	18,00	6,00	2,00	2,00
AA 239	<b>schoenoprasum 'Polyvit'</b> , Vegetable Chives, 40 cm, lilac, medium-sized leaves, upright, V-VIII, Z3-9 <i>(see also Organic-Seeds)</i> , . . . . .	® ®	3	15	476,00	68,00	11,40	2,00	2,00
	<b>schoenoprasum Ornamental-One Series</b> , JEL, Ornamental Chives, 30 cm, brilliant colors, large and rich flowering, healthy medium size foliage, sturdy habit, first year flowering, V-VIII, Z3-9								
NEW! AA 244	<b>'White One'</b> , JEL, pure crystal white								
NEW! AA 245	<b>'Purple One'</b> , JEL, brilliant violet-purple								
NEW! AA 246	<b>'Pink One'</b> , JEL, brilliant pink								
AA 256	<b>tricoccum</b> , Ramp, Wild Leek, Spring Onions, Chicagoua, 30 cm, blue-green broad foliage, flowering white after foliage has withdrawn, VII-IX, Z3-9 . . . . .	® ® ®	150	1	1200,00	160,00	22,00	2,80	2,80
AA 260	<b>tuberosum</b> , Chinese Chives, Garlic Chives (Jiu-Zi), 50 cm, white, VI-IX, Z3-10, TCM plant <i>(see also Organic-Seeds)</i> . . . . .	® ® ®	8	16	288,00	72,00	12,00	2,00	2,00
AA 258	<b>ursinum</b> , Wood Garlic, Bear Garlic, Ramsons, 25 cm, white, V, Z3-9 ( <i>s. a. Organic-Seeds</i> ) ® ® ®	® ® ®	25	1	430,00	72,00	12,00	2,00	2,00
<b>ALTHAEA</b> - see also <b>ALCEA</b> (Malvaceae)									
AA 283	<b>cannabina</b> , Hemp Marsh Mallow, 180 cm, rose-lavender with dark eye, deeply lobed leaves, VII-IX, Z3-10 <i>(see also Organic-Seeds)</i> . . . . .	® ®	15	8	–	–	38,00	4,80	3,40
AT 282	<b>officinalis</b> , Marshmallow, 180 cm, pink, V-IX, Z3-10, <i>(see also Organic-Seeds)</i> . . . . .	JET® - pure seed ® ® ® ®	10	8	168,00	42,00	9,20	2,60	2,00
<b>AMMI</b> - see <b>Organic Seed</b>									
<b>AMOMUM</b> (Zingiberaceae)									
AA 358	<b>subulatum</b> , Black Cardamom (Yi Zhi Ren), 150 cm, yellowish-white, dense clumps, broad lanceolate foliage, VI-VII, Z9-10, TCM plant . . . . .	® ®	50	14	480,00	80,00	13,60	2,00	6,80

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
			from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>ANACYCLUS pyrethrum</b> - see Organic Seed								
<b>ANCHUSA</b> (Boraginaceae)								
AA 378 <b>officinalis</b> , Alkanet, 70 cm, carmine to dark violet, VI-IX, Z4-9 ( <i>s. also Organic-Seeds</i> ). (⊗ ⊖ ⊖)	10	7	396,00	62,00	7,80	2,00	3,00	
<b>ANEMOPSIS</b> - see Organic Seed								
<b>ANETHUM</b> (Apiaceae, <i>Umbelliferae</i> )								
AA 484 <b>graveolens</b> , Dill, 60 cm, yellow umbels, VI-VIII, Z6-10, ⊖ ( <i>see also Organic-Seeds</i> ). . . (⊗ ⊖ ⊖)	4	15	24,00	6,00	4,00	2,00	2,00	
<b>ANGELICA</b> (Apiaceae, <i>Umbelliferae</i> )								
AA 492 <b>archangelica</b> , Angelica, Holy Ghost, 180 cm, greenish-white to creamy umbels, VI-VIII, Z3-7 ( <i>see also Organic-Seeds</i> ) . . . . .	20	9	120,00	26,00	6,00	2,00	2,00	
AA 494 <b>archangelica 'BLB 01'</b> , Angelica, Holy Ghost, 180 cm, greenish-white umbels, high content of essential oil, very high root yield, very vigorous, low disease risk, VI-VIII, Z3-7 ( <i>see also Organic-Seeds</i> ) . . . . .	20	9	192,00	48,00	12,00	4,00	3,00	
AA 523 <b>dahurica 'BLB 02'</b> , Chinese Angelica (Bai Zhi), 180 cm, white umbels, large pinnatifid foliage, high content of essential oil, root extract and imperatorin, high root yield, VII-VIII, Z4-10, TCM plant . . . . .	15	9	432,00	72,00	12,00	2,00	2,00	
<b>ANTHEMIS</b> (Asteraceae, <i>Compositae</i> )								
AA 522 <b>tinctoria (COTA)</b> , Dyer's Chamomile, 50 cm, golden, VII-IX, Z3-7 ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊖ ⊖	1	15	120,00	24,00	6,00	2,00	2,00
AA 526 <b>tinctoria 'Alba'</b> , . . . . ., 40 cm, white, VII-IX, Z3-7 . . . . .	⊗ ⊖ ⊖	1	15	—	120,00	16,00	2,40	2,00
AA 524 <b>tinctoria 'Kelwayi'</b> , 40 cm, lemon yellow, VI-IX, Z3-7 . . . . .	⊗ ⊖ ⊖	1	15	—	98,00	14,00	2,00	2,00
<b>ANTHOXANTHUM</b> (Poaceae, <i>Gramineae</i> )								
ZA 036 <b>odoratum</b> , Sweet Vernal Grass, 30 cm, V-VI, Z4-9 ( <i>s. also Organic-Seeds</i> ). . . pure seed (⊗ ⊖ ⊖)	5	15	240,00	60,00	12,00	2,00	2,00	
<b>ANTHRISCUS</b> (Apiaceae, <i>Umbelliferae</i> )								
AA 539 <b>cerefolium</b> , Chervil, 50 cm, white, VI-VIII, Z6-9, ⊖-⊖ . . . . .	⊗ ⊖	5	15	26,00	6,00	4,00	2,00	2,00
<b>ANTHYLLIS vulneraria</b> - see Organic Seed								
<b>AQUILEGIA chrysanthia, vulgaris</b> - see Organic Seed								
<b>ARCTIUM</b> (Asteraceae, <i>Compositae</i> )								
AA 844 <b>lappa</b> , Great Burdock (Niu-Bang-Zi), 140 cm, panicles with purple flower heads, large leaves, VI-IX, Z2-9, TCM plant ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊖	30	15	88,00	22,00	5,00	2,00	2,50
<b>ARGEMONE platyceras</b> - see Organic Seed								
<b>ARISTOLOCHIA</b> (Aristolochiaceae)								
AA 882 <b>clematitis</b> , Birthwort, 80 cm, light yellow, poisonous, V-VII, Z5-9 ( <i>s. also Organic-Seeds</i> ) . . . . .	⊗ ⊖	80	1	224,00	32,00	8,00	2,00	4,00
<b>ARNICA</b> (Asteraceae, <i>Compositae</i> )								
AA 904 <b>chamissonis</b> , Leafy Leopard's Bane, 50 cm, yellow, abundant flowers, VI-VIII, Z2-8 ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊖	3	15	2520,00	360,00	48,00	6,40	3,20
AA 908 <b>montana</b> , Arnica, Mountain Tobacco, 50 cm, golden, lime-free soil, V-VII, Z5-8 ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊖	5	15	1560,00	196,00	28,00	4,00	2,00
AA 907 <b>montana 'Arbo'</b> , Mountain Arnica, 45 cm, large yellow flower heads, rich bloomer, healthy growth, suitable for soil with less than 1.5% CaCO <sub>3</sub> content, specially for field production, high flower crop yield and required ingredients, good essential oil content of root extract, fulfills all medicinal standards, plant variety protection! V-VII, Z5-8. . . . .	⊗ ⊖	5	15	3980,00	540,00	76,00	9,60	3,20
<b>ARTEMISIA</b> (Asteraceae, <i>Compositae</i> )								
AA 915 <b>absinthium</b> , Common Wormwood, Absinthe, 80 cm, yellow, grey-green foliage, VI-VIII, Z3-9 ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊖	0,5	15	392,00	56,00	8,00	2,00	2,00
AA 919 <b>absinthium 'Silverado'</b> , . . . . ., 60 cm, yellowish flower spikes, grey-white feltlike broad pinnatifid foliage, aromatic, sturdy and compact habit, especially hardy and ornamental selection VII-VIII, Z3-9 ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊖	0,5	15	—	360,00	48,00	6,40	3,20
AA 918 <b>annua</b> , Sweet Annie (Qing Hao), 140 cm, yellowish-green, pinnatifid foliage, annual, VIII-X, Z6-10, TCM plant ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊖	0,5	15	—	576,00	72,00	9,40	3,20
AA 917 <b>dracunculus</b> , Russian Tarragon, 100 cm, greenish, lanceolate foliage, VI-VIII, Z2-9 ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊖	1	15	504,00	72,00	12,00	2,00	2,00

Fortsetzung auf der nächsten Seite



ARISTOLOCHIA clematitis

ARNICA chamissonis

ARNICA montana 'Arbo'

ARTEMISIA ludoviciana

**Production – Breeding – Seed Technology**

			Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:				
					from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>ARTEMISIA continuation</b>									
AA 920	<b>genipi</b> , Black Mugwort, 8 cm, grey felt-like, mat-like cushions, yellow blossom heads, VI-IX, Z3-7 . . . . .	⊗ ⊕ ⊖	0,5	15	–	–	432,00	48,00	7,00
AA 930	 <b>ludoviciana</b> , Western Mugwort, White Prairie Sage, 60 cm, yellowish flowers, grey aromatic leaves, variable, VII-VIII, Z4-9 . . . . .	⊗ ⊕ ⊖	0,5	15	–	128,00	16,00	2,00	2,00
AA 929	<b>scoparia 'BLBP 01'</b> , Redstem Wormwood (Yin-Chen), 170 cm, greenish white panicles, rich bloomer, bipinnate leaves, high content of essential oil, very aromatic, high herb yield, X-XII, Z7-11, TCM plant, ⊖ . . . . .	⊗	0,1	16	–	–	–	26,00	6,50
AA 925	<b>vulgaris</b> , Mugwort, Chinese Moxa (Ai-Ye), 120 cm, red-brown, dark green foliage, VI-VIII, Z2-9, TCM plant . . . . .	⊗ ⊕ ⊖	0,5	15	224,00	32,00	8,00	2,00	2,00
<b>ASCLEPIAS tuberosa</b> - see Organic Seed									
<b>ASPERULA odorata</b> - see <b>GALIUM odoratum</b>									
<b>ASTRAGALUS</b> (Papilionaceae, Leguminosae)									
AB 148	 <b>mongolicus (membranaceus var. mongolicus) 'BLBP 04'</b> , Chinese Milkvetch (Huang Qi), 130 cm, light yellow flowers, inflated red tinged seed husks, pinnatifid foliage, erect growth, high content of astragalosid IV, high root yield, thick roots, VII-VIII, Z5-9, TCM plant ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊕ ⊖	20	8	588,00	98,00	14,00	2,00	2,00
<b>ATRIPLEX</b> - see Organic Seed									
<b>ATROPA</b> - see Organic Seed									
<b>BARBAREA</b> (Brassicaceae)									
	<b>vulgaris</b> - see Organic Seed								
BA 025	 <b>vulgaris 'Variegata' [Winter Cream]</b> , 60 cm, yellow, green and yellow splashed leaves, V-VII, Z5-8 . . . . .	⊗ ⊙	1	8	–	1390,00	176,00	22,00	4,00
<b>BELAMCANDA</b> (Iridaceae)									
BA 026	<b>chinensis [Freckle Face]</b> , Leopard Flower, 60 cm, large bowl-shaped flowers, orange with red-brown spots, VII-IX, Z5-9, TCM plant ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊖	60	7	–	192,00	24,00	3,20	8,00
<b>BELLIS</b> (Asteraceae, Compositae)									
BA 029	<b>perennis</b> , Common Daisy, English Daisy, 15 cm, white, II-VI, Z3-8 ( <i>s. a. Organic-Seeds</i> ). ⊗ ⊙ ⊖	⊗ ⊙ ⊖	1	15	1620,00	180,00	20,00	2,40	2,00
<b>BERLANDIERA</b> - see Organic Seed									
<b>BLITUM</b> - see <b>CHENOPODIUM</b>									
<b>BORAGO</b> (Boraginaceae)									
BA 050	<b>officinalis</b> , Borage, 60 cm, blue, VI-IX, Z7-11, ⊖ ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊙ ⊖	50	15	52,00	9,00	4,00	2,00	2,00
NEW! BA 051	 <b>officinalis 'Alba'</b> , White Flowering Borage, 50 cm, pure white, VI-IX, Z7-11, ⊖ ( <i>see also Organic-Seeds</i> ) . . . . .	⊗ ⊙ ⊖	50	15	192,00	32,00	6,40	2,20	2,20


**ASTRAGALUS mongolicus 'BLBP 04'**

**BARBAREA vulgaris 'Variegata'**

**BULBINE frutescens 'Avera Sunset Orange'**

**CHEILANTHUM majus 'Flore Pleno'**

**BULBINE frutescens 'Avera Sunrise Yellow'**


Production – Breeding – Seed Technology	Gram to get 1000 plants	N°. of the sowing directions	Prices in EURO net per:				
			from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>BULBINE</b> (Asphodelaceae, <i>Liliaceae</i> )							
BA 088 <b>frutescens</b> , Bulbine, Burn Jelly Plant, 40 cm, yellow-orange, succulent, fleshy leaves with characteristics similar to ALOE vera, V-IX, Z9-12 ( <i>see also Organic-Seeds</i> ) .....	5	8	–	320,00	42,00	5,20	2,60
NEW! BA 086 <b>frutescens 'Avera Sunrise Yellow'</b> , 40 cm, brilliant yellow starflowers, large flowering, dense spikes, succulent foliage, healing like Aloe vera, useable as patio plant, first year flowering, V-IX, Z9-12 .....	2	16	–	–	–	18,00	4,20
NEW! BA 087 <b>frutescens 'Avera Sunset Orange'</b> , 40 cm, brilliant orange starflowers, large flowering, dense spikes, succulent foliage, healing like Aloe vera, useable as patio plant, first year flowering, V-IX, Z9-12 .....	2	16	–	–	–	18,00	4,20
<b>CALAMINTHA</b> (Lamiaceae, <i>Labiatae</i> )							
CA 021 <b>nepeta</b> , Nepitella, Lesser Calamint, 40 cm, light blue-pink, permanent flowering, VII-IX, Z5-8 ( <i>see also Organic-Seeds</i> ) .....	1	15	–	384,00	48,00	6,00	3,00
<b>CALENDULA</b> (Asteraceae, <i>Compositae</i> )							
CA 030 <b>officinalis</b> , Pot Marigold, 40 cm, yellow-orange, single to double, for the biological disinfection of soil, amount needed 5gr/m <sup>2</sup> , VII-X, Z5-10, ☺ ( <i>see also Organic-Seeds</i> ) .....	50	15	35,00	9,00	4,00	2,00	2,00
<b>CALLIRHOE</b> - see <b>Organic Seed</b>							
<b>CALLUNA vulgaris</b> - see <b>Organic Seed</b>							
<b>CALTHA palustris</b> - see <b>Organic Seed</b>							
<b>CAMPANULA</b> (Campanulaceae)							
CA 220 <b>rapunculus</b> , Rampion, 70 cm, blossom panicles blue or white, VII-VIII, Z5-9 ( <i>see also Organic-Seeds</i> ) .....	1	16	–	–	24,00	3,00	2,00
<b>CAPPARIS</b> (Capparaceae)							
CA 256 <b>spinosa</b> , Caper, 60 cm, large white flowers with purple filaments, dwarf shrub with large blue-green foliage, for dry walls, V-IX, Z8-11 .....	15	8	1575,00	210,00	28,00	4,20	4,20
CA 257 <b>spinosa var. inermis [Spineless Select]</b> , Spineless Caper Plant, 60 cm, white flowers with purple filaments, blue-green foliage, V-IX, Z7-11 .....	15	8	–	280,00	36,00	5,20	5,20
<b>CARDAMINE pratensis</b> - see <b>Organic Seed</b>							
<b>CARDIOSPERMUM</b> - see <b>Organic Seed</b>							
<b>CARLINA acaulis</b> - see <b>Organic Seed</b>							
<b>CARTHAMUS tinctorius</b> - see <b>Organic Seed</b>							
<b>CARUM</b> (Apiaceae, <i>Umbelliferae</i> )							
CA 271 <b>carvi</b> , Caraway, 60 cm, white, VI-VIII, Z2-9, ☺ ( <i>see also Organic-Seeds</i> ) .....	10	15	24,00	6,00	4,00	2,00	2,00
<b>CENTAUREA atropurpurea, cyanus, montana</b> - see <b>Organic Seed</b>							
<b>CENTAURIUM</b> (Gentianaceae)							
CA 340 <b>erythraea (umbellatum)</b> , Centaury, Feverwort, 20 cm, pink, VII-X, Z5-9, ☺ .....	1	16	–	–	68,00	9,80	3,20
<b>CENTRANTHUS ruber</b> - see <b>Organic Seed</b>							
<b>CEPHALARIA gigantea</b> - see <b>Organic Seed</b>							
<b>CHAMAEMELUM</b> (Asteraceae, <i>Compositae</i> )							
CA 368 <b>nobile (ANTHEMIS)</b> , Roman Chamomile, 30 cm, silver-white, yellow disc, VI-VIII, Z4-9 ( <i>see also Organic-Seeds</i> ) .....	1	15	432,00	72,00	12,00	2,00	2,00
<b>CHAMAENERION</b> - see <b>EPILOBIUM</b>							
<b>CHAMOMILLA (MATRICARIA)</b> (Asteraceae, <i>Compositae</i> )							
CA 386 <b>recutita</b> , German Chamomile, Scented Mayweed, Matricary, 40 cm, white with yellow disc, V-IX, Z5-10, ☺ ( <i>see also Organic-Seeds</i> ) .....	0,5	15	114,00	24,00	5,60	2,00	2,00
CA 387 <b>recutita 'Bodegold'</b> , German Chamomile, Scented Mayweek, Matricary, 40 cm, white with yellow disc, tetraploid cultivar with even flower horizon, high yields, large flowering, V-IX, Z5-10, ☺ .....	0,5	15	192,00	32,00	7,20	2,00	2,00
CA 389 <b>recutita 'Zloty Lan'</b> , German Chamomile, Scented Mayweek, Matricary, 40 cm, white with yellow disc, tetraploid cultivar with high yields, large flowering, V-IX, Z5-10, ☺ ( <i>see also Organic-Seeds</i> ) .....	0,5	16	132,00	28,00	6,80	2,00	2,00
<b>CHELIDONIUM</b> (Papaveraceae)							
CA 365 <b>majus</b> , Greater Celandine (Bai-Qu-Cai), 50 cm, golden flowers, V-IX, Z4-8, TCM plant ( <i>see also Organic-Seeds</i> ) .....	3	19	696,00	174,00	22,00	3,00	2,00
CA 367 <b>majus 'Flore Pleno'</b> , 40 cm, golden, double, V-IX, Z4-8 .....	3	19	–	–	42,00	6,00	3,00
<b>CHENOPODIUM</b> - see <b>Organic Seed</b>							
<b>CHRYSANTHEMUM balsamita, cinerariifolium, parthenium, vulgare</b> - see <b>TANACETUM</b>							
<b>CHRYSANTHEMUM leucanthemum</b> - see <b>LEUCANTHEMUM + Organic Seed</b>							
<b>CICHORIUM</b> (Asteraceae, <i>Compositae</i> )							
CA 496 <b>intybus var. intybus</b> , Chicory, Succory, 80 cm, blue, VII-IX, Z2-9 ( <i>see also Organic-Seeds</i> ) .....	3	15	168,00	24,00	6,00	2,00	2,00
<b>CIMICIFUGA (ACTAEA)</b> (Ranunculaceae)							
CA 504 <b>racemosa</b> ,  Black Cohosh, 150 cm, white, abundant flowers, VI-VII, Z3-7 .....	5	19	–	208,00	26,00	3,40	2,00
<b>CISTUS</b> (Cistaceae)							
CA 542 <b>incanus ssp. tauricus</b> , Tauric Rock Rose, 100 cm, rose-purple, grey-green leaves, VI-VIII, Z7-10 ( <i>see also GOLD NUGGET SEED®</i> ) .....	3	8	2350,00	336,00	42,00	5,20	2,60
<b>CLEMATIS integrifolia, vitalba</b> - see <b>Organic Seed</b>							



**CICHORIUM intybus var. intybus**



**CISTUS incanus ssp. tauricus**



**CODONOPSIS pilosula**

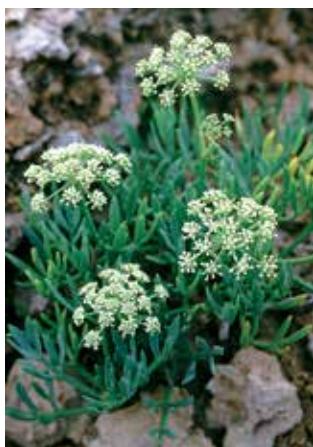


**COLCHICUM autumnale**

	Gram to get 1000 plants	N°. of the sowing directions	Prices in EURO net per:					
			from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>CLINOPodium</b> (Lamiaceae, <i>Labiatae</i> ) CA 578 <b>vulgare</b> , Cushion Calamint, 40 cm, pink, aromatic foliage, VII-IX, Z6-9 .....	⑧⑩⑧⑩	1	16	–	120,00	18,00	2,60	2,00
<b>CNICUS benedictus</b> - see <b>Organic Seed</b>								
<b>COCHLEARIA officinalis</b> - see <b>Organic Seed</b>								
<b>CODONOPSIS</b> (Campanulaceae) CA 582 <b>pilosula</b> , Tang Shen (Dong-Sen), up to 120 cm climbing, greenish yellow bellflowers, VI-IX, Z5-8, TCM plant ( <i>see also Organic-Seeds</i> ) .....	⑩	3	15	–	620,00	78,00	9,60	2,40
<b>COLCHICUM</b> (Colchicaceae, Liliaceae) CA 593 <b>autumnale</b> , Autumn Crocus, 15 cm, lilac, poisonous! VIII-X, Z4-7 ( <i>s. also Organic-Seeds</i> ) ⑧⑩	30	6	288,00	48,00	8,00	2,00	2,00	
<b>CORIANDRUM</b> (Apiaceae, <i>Umbelliferae</i> ) CA 640 <b>sativum</b> , Coriander, 50 cm, white-pink umbels, VI-IX, Z5-10, ⊖ ( <i>see also Organic-Seeds</i> ) .....	⑧⑩⑧⑩	30	15	24,00	6,00	4,00	2,00	2,00
<b>NEW!</b> CA 643 <b>sativum 'Typ Dwarf Lemon'</b> , Lemon Coriander, 30 cm, white to soft pink, early blooming, fast fruiting, fresh fruity lemon aroma of leaf and grain, sturdy, compact habit, VI-VII, Z5-10, ⊖ ( <i>see also Organic-Seeds</i> ) .....	⑧⑩⑧⑩	50	15	82,00	18,00	6,00	2,00	3,00
CA 641 <b>sativum 'Typ Slowbolt'</b> , Foliage Coriander, 50 cm, productive foliage selection, IX, Z5-10, ⊖ ( <i>see also Organic-Seeds</i> ) .....	⑧⑩⑧⑩	30	15	32,00	6,00	4,00	2,00	2,00
<b>COTA tinctoria</b> - see <b>ANTHEMIS tinctoria</b>								
<b>CRAMBE maritima</b> - see <b>Organic Seed</b>								
<b>CRITHMUM</b> (Apiaceae, <i>Umbelliferae</i> ) CA 677 <b>maritimum</b> , Sea Samphire, Sea Fennel, 40 cm, yellowish umbels, blue-green, feathery, succulent leaves, VII-IX, Z6-9 .....	⑧⑩	15	9	–	192,00	24,00	3,00	2,30
<b>CRYPTOTAENIA</b> (Apiaceae, <i>Umbelliferae</i> ) CA 720 <b>japonica f. atropurpurea [Purpurascens]</b> , Purple-leaved Japanese Parsley, 40 cm, pink, very decorative, trifoliate foliage, entire plant bronze-red, excellent foliage perennial, self seeds! V-VI, Z4-9 .....	⑧⑩	3	8	–	1180,00	168,00	24,00	3,20
<b>japonica f. viridis</b> - see <b>Organic Seed</b>								
<b>CUMINUM</b> (Apiaceae, <i>Umbelliferae</i> ) CA 684 <b>cuminum</b> , Cumin, 25 cm, white-pink, VIII-IX, Z8-11, ⊖ .....	⑧⑩	15	16	54,00	18,00	6,00	2,00	2,00
<b>CYMBOPOGON</b> (Poaceae, <i>Gramineae</i> ) ZA 126 <b>flexuosus</b> , East Indian Lemongrass, 140 cm, foliage with intensive lemon fragrance, VIII-X, Z8-11, .....	pure seed ⑧⑩⑩	1	15	–	1360,00	160,00	22,00	6,00
<b>CYNARA</b> (Asteraceae, <i>Compositae</i> ) CA 704 <b>cardunculus ssp. flavescent</b> , <small>(AGM)</small> , Cardoon, 100 cm, blue, excellent cut flowers, variable, VII-X, Z6-10 ( <i>see also Organic-Seeds</i> ) .....	⑧⑩⑧⑩	80	15	96,00	24,00	5,00	2,00	2,50
CA 706 <b>cardunculus f. scolymus Green Globe Typ [Imperial Star Typ]</b> , Vegetable Globe Artichoke, 120 cm, very large bright violet blossoms, purple coloured phyllaries, solid and heavy buds, thornless foliage. Semi-early flowering cultivar especially suited for floral arrangements, VII-X, Z6-10 ( <i>see also Organic-Seeds</i> ) .....	⑧⑩⑧⑩	100	15	360,00	62,00	12,00	2,00	4,80
<b>CYNOGLOSSUM</b> (Boraginaceae) <b>NEW!</b> CA 714 <b>creticum</b> , Blue Hound's Tongue, 40 cm, rose to light purple, veined, silky hairy foliage, dense rosettes, IV-VI, Z6-9, ⊖ .....	⑧⑩	80	16	–	72,00	9,60	2,00	4,20
CA 709 <b>officinale</b> , Dog's Tongue, 75 cm, purple-blue, V-VII, Z5-9 ( <i>see also Organic-Seeds</i> ) .....	⑧⑩	60	8	160,00	32,00	8,00	2,00	4,00
<b>DIANTHUS carthusianorum, superbus</b> - see <b>Organic Seed</b>								
<b>DICTAMNUS</b> - see <b>Organic Seed</b>								
<b>DIGITALIS ambigua, lanata, purpurea</b> - see <b>Organic Seed</b>								
<b>DIPLOTAXIS tenuifolia</b> - see <b>Organic Seed</b>								

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
DIPSACUS sylvestris	- see Organic Seed								
DORYCNUM hirsutum	- see Organic Seed								
DRACOCEPHALUM	(Lamiaceae, Labiate)								
NEW! DA 461	■ moldavica, Moldavian Dragonhead, Moldavian Balm, 40 cm, blue, selected form with high content of oil and high foliage yields, VII-VIII, Z6-10, ☺ (see also Organic-Seed)	① ②	5	15	128,00	26,00	4,80	2,00	2,00
ECHINACEA (RUDBECKIA)	(Asteraceae, Compositae)								
EA 003	■ angustifolia, Narrow Coneflower, up to 50 cm, pink to red, petals shorter but wider than E. pallida, with yellow pollen, VI-X, Z3-8 (s. also GOLD NUGGET SEED® + Organic-Seeds)	③ ④	10	9	980,00	144,00	24,00	3,60	3,60
EA 004	■ pallida, Pale Coneflower, 80 cm, pink, long hanging petals, with whitish pollen, VII-IX, Z3-8 (see also Organic-Seeds)	③ ④	15	15	340,00	68,00	14,00	2,00	2,00
EA 006	■ paradoxa var. paradoxa, 80 cm, bright yellow, very unusual, VII-X, Z4-9 (see also GOLD NUGGET SEED® + Organic-Seeds)	③ ④	15	9	–	192,00	24,00	3,60	3,60
RA 180	purpurea (RUDBECKIA), Purple Coneflower, 100 cm, purple-rose, VII-IX, Z3-8 (see also Organic-Seeds)	③ ④	10	15	160,00	32,00	8,00	2,00	2,00
EA 008	■ tennesseensis 'Rocky Top Hybr.', 60 cm, pink, bent upward petals, lanceolate foliage, VII-IX, Z4-9 (see also GOLD NUGGET SEED® + Organic-Seeds)	③ ④	12	9	980,00	144,00	24,00	3,60	3,60
ECHINOPS ritro	- see Organic Seed								
ECHIUM	(Boraginaceae)								
amoenum, russicum (rubrum)	- see Organic Seed								
EA 020	vulgare, Viper's Bugloss, 80 cm, bright blue, V-VIII, Z3-11, ☺ (see also Organic-Seeds)	③ ④	5	9	192,00	32,00	8,00	2,00	2,00
EPILOBIUM	(Onagraceae)								
EA 030	angustifolium (CHAMAENERION), Rosebay Willowherb, Fire Weed, 110 cm, lilac-rose, VI-IX, Z2-7 (see also Organic-Seeds)	⑤ ⑥ ⑦ ⑧ ⑨	1	15	–	192,00	24,00	3,20	2,00
NEW! EA 031	■ angustifolium 'Album', White Rosebay Willowherb, 110 cm, white, VI-IX, Z2-7	⑤ ⑥ ⑦ ⑧ ⑨	1	15	–	–	–	–	4,80
EA 042	■ hirsutum, 70 cm, wine-red, VI-VIII, Z3-9 (see also Organic-Seeds)	⑩ ⑪	1	15	–	192,00	24,00	3,20	2,00
ERUCA	(Brassicaceae, Cruciferae)								
EA 135	vesicaria ssp. sativa, Italian Rocket Salad, Arugula, 30 cm, white-yellow, pinnately lobed leaves, V-VII, Z6-9, ☺ (see also Organic-Seeds)	③ ④	10	15	27,00	9,00	4,00	2,00	2,00
ERYNGIUM maritimum	- see Organic Seed								
ESCHSCHOLZIA californica	- see Organic Seed								
EUPATORIUM cannabinum	- see Organic Seed								



CRITHMUM maritimum



CYNARA cardunculus ssp. flavesens



CYNOGLOSSUM creticum



ECHINACEA paradoxa var. paradoxa



EPILOBIUM angustifolium 'Album'



FRAGARIA vesca



FRAGARIA vesca 'Alpine Yellow'



FRAGARIA vesca var. vesca



FRAGARIA virginiana

		Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:				
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>EUPHORBIA</b> (Euphorbiaceae)								
EA 232	<b>lathyris</b> , 90 cm, yellow-green, decorative, crosswise arranged foliage, VI-VIII, Z5-9, ☺ <i>(see also Organic-Seeds)</i>	100	1	–	48,00	8,00	2,00	3,80
<b>FILIPENDULA</b> (Rosaceae)								
FA 018	<b>ulmaria</b> , Meadowsweet, 150 cm, yellowish-white, VI-VIII, Z3-7 <i>(see also GOLD NUGGET SEED® + Organic-Seeds)</i>	5	9	432,00	72,00	12,00	2,00	2,00
<b>FOENICULUM</b> (Apiaceae, Umbelliferae)								
FA 008	<b>vulgare</b> , Fennel (Hui-Xiang), 120 cm, yellow umbels, VII-IX, Z6-9, TCM plant <i>(see also Organic-Seeds)</i>	30	15	45,00	9,00	4,00	2,00	2,00
FA 024	<b>vulgare 'Purpureum' (Rubrum)</b> [Smokey, Deco, Bronze], Bronze Leaved Fennel, 80 cm, yellow, VII-IX, Z6-9 <i>(see also Organic-Seeds)</i>	30	15	980,00	122,00	16,00	2,00	2,00
<b>FRAGARIA</b> (Rosaceae)								
	<b>indica</b> - see DUCHESNEA							
FA 009	<b>moschata</b> , Musk Strawberry, 30 cm, white, large flowering, dioecious, blood-red berries, well above the foliage, hardly stoloniferous, V-VII, Z4-8	2	16	–	–	84,00	9,60	3,20
FA 023	<b>vesca</b> , Woodland Strawberry, 20 cm, white, often stoloniferous, V-VI, Z4-8 <i>(see also Organic-Seeds)</i>	3	16	1792,00	224,00	28,00	3,60	2,00
FA 025	<b>vesca var. semperflorens 'Alpine Yellow' [White Delight, White Solemacher Strain]</b> , 20 cm, white, white-yellow berries, without stolons, V-VI, Z4-8	3	16	–	960,00	120,00	16,00	4,00
FA 011	<b>vesca var. semperflorens 'Alexandria'</b> , Alpine Strawberry, 20 cm, white, productive variety, mostly elongated red berries, without stolons, V-IX, Z4-8 <i>(see also Organic-Seeds)</i>	3	16	1980,00	252,00	32,00	4,20	2,40
FA 012	<b>vesca var. semperflorens 'Golden Alexandria'</b> , Golden Leaved Alpine Strawberry, 20 cm, white, golden foliage in spring, changing to light green, red berries, without stolons, V-IX, Z4-8.	3	16	–	–	120,00	16,00	4,00
FA 013	<b>vesca var. semperflorens 'Verbesserte Rügen' [Baron Solemacher Strain]</b> , Alpine Strawberry, 20 cm, white, long known, productive variety, mostly round red berries, without stolons, V-IX, Z4-8.	3	16	–	–	120,00	16,00	4,00
FA 019	<b>vesca var. vesca</b> , Woodland Strawberry, 20 cm, white, berries arching over its foliage, stoloniferous groundcover, V-VI, Z4-8	3	16	1792,00	224,00	28,00	3,60	2,00
NEW! FA 017	<b>virginiana</b> , Virginia Strawberry, 15 cm, white, aromatic fruits, glossy green foliage, IV-VI, Z3-9	1	16	–	–	192,00	24,00	4,80
<b>GALEGA</b> (Papilionaceae, Leguminosae)								
GA 030	<b>officinalis</b> , Goat's Rue, 100 cm, lilac with bluish banner, abundant and long blooming, VII-IX, Z3-7 <i>(see also Organic-Seeds)</i>	20	16	320,00	68,00	12,00	2,00	2,00
GA 031	<b>officinalis 'Alba'</b> , 80 cm, pure white, bushy, upright habit, VII-IX, Z3-7 <i>(see also Organic-Seeds)</i>	20	8	–	–	48,00	6,40	4,20
<b>GALIUM</b> (Rubiaceae)								
GA 034	<b>album (mollugo)</b> , White Bedstraw, 20 cm, white, V-VIII, Z3-9	5	8	–	48,00	8,00	2,00	2,00
GA 035	<b>odoratum (ASPERULA odorata)</b> , Sweet Woodruff, 15 cm, white, V-VI, Z4-7 <i>(see also Organic-Seeds)</i>	30	1	–	180,00	24,00	3,80	2,40
GA 036	<b>verum</b> , 30 cm, yellow, abundant flower panicles, V-IX, Z3-7 <i>(see also Organic-Seeds)</i>	5	15	–	48,00	8,00	2,00	2,00
<b>GENTIANA</b> (Gentianaceae)								
	<b>asclepiadea</b> - see GOLD NUGGET SEED® + Organic Seed							
GA 134	<b>lutea</b> , Yellow Gentian, Bitterwort, 100 cm, pure yellow, especially decorative and long lasting, VI-VIII, Z3-7 <i>(see also GOLD NUGGET SEED® + Organic-Seeds)</i>	5	1	576,00	96,00	14,00	2,00	2,00
<b>GERANIUM robertianum</b> - see Organic Seed								
<b>GEUM</b> (Rosaceae)								
GA 262	<b>urbanum</b> , Common Avens, 30 cm, yellow, V-X, Z5-9 <i>(see also Organic-Seeds)</i>	10	9	360,00	72,00	12,00	2,00	2,00
<b>GINGIDIA</b> (Apiaceae, Umbelliferae)								
GA 268	<b>montana (ANGELICA gingidium)</b> , Mountain Carrot, Maori Aniseed, 40 cm, white umbels, striking pinnate foliage, perennial, VI-VIII, Z6-9	5	1	–	–	48,00	6,20	3,10
<b>GLAUCIUM</b> - see Organic Seed								

**Production – Breeding – Seed Technology**

	Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					Portion
			from 1000 g	from 100 g	from 10 g	from 1 g		
<b>GLECHOMA</b> (Lamiaceae, <i>Labiatae</i> )								
GA 296 <b>hederacea</b> , Ground Ivy, Alehoof, 20 cm, brilliant violet, dark green foliage, IV-V + IX-X, Z2-10 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ) . . . . .	① ⑧ ⑩	2	1	–	240,00	32,00	4,00	2,00
<b>GLYCYRRHIZA</b> (Papilionaceae, <i>Leguminosae</i> )								
GA 316 <b>echinata</b> , Roman Liquorice, 200 cm, lilac, VI-IX, Z7-10 ( <i>see also Organic-Seeds</i> ) . . . . .	⑧ ⑨ ⑩	20	9	–	306,00	36,00	5,20	5,20
GA 317 <b>glabra</b> , Spanish Liquorice, 120 cm, pale blue, VII-IX, Z7-10 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ) . . . . .	⑧ ⑨ ⑩	20	9	1420,00	240,00	34,00	5,20	5,20
GA 319 <b>uralensis</b> , Chinese Liquorice (Gan-Cao), 100 cm, white-violet, pinnatifid foliage, VI-IX, Z8-10, TCM plant . . . . .	⑧ ⑨ ⑩	30	16	980,00	180,00	26,00	3,80	6,50
GA 321 <b>yunnanensis</b> , Yunnan Liquorice, 160 cm, violet, decorative seed heads, pinnatifid foliage, VI-VIII, Z6-10 . . . . .	⑧ ⑨ ⑩	30	20	–	480,00	68,00	9,80	4,90
<b>GRATIOLA</b> (Scrophulariaceae)								
GA 320 <b>officinalis</b> , Hedge Hyssop, 30 cm, white-yellow, lanceolate foliage, VI-VIII, Z5-9 . . . . .	⑩	0,1	9	–	–	–	–	6,00
<b>GRINDELIA</b> (Asteraceae, <i>Compositae</i> )								
GA 324 <b>robusta (camptorum)</b> , Gumplant, Gumweed, 100 cm, yellow umbels, VI-VIII, Z6-10 ( <i>see also Organic-Seeds</i> ) . . . . .	⑧ ⑩	5	16	–	144,00	18,00	2,40	2,40
<b>HELICHRYSUM</b> (Asteraceae, <i>Compositae</i> )								
HA 082 <b>italicum</b> ,  Italian Everlasting, Curry Plant, 50 cm, yellow, silvery grey-green foliage, VI-VIII, Z7-10 ( <i>see also Organic-Seeds</i> ) . . . . .	⑧ ⑩	0,5	15	6740,00	864,00	144,00	24,00	6,00
<b>HIBISCUS</b> Moscheutos-Hybr. - see Organic Seed								
<b>HIERACIUM pilosella</b> - see Organic Seed								
<b>HIEROCHLOE</b> (Poaceae, <i>Gramineae</i> )								
ZA 215 <b>odorata</b> , Vanillagrass, 40 cm, loose panicles, reminding of BRIZA, dense clumps, with runners, intense vanilla-fragrance, V-VI, Z4-8, . . . . .	pure seed ⑧ ⑩	2	16	–	–	324,00	36,00	6,00
<b>HOUTTUYNIA</b> (Saururaceae)								
HA 279 <b>cordata</b> , Fishwort, 20 cm, white, heart-shaped foliage, VI-IX, Z6-9 . . . . .	⑩	0,25	1	–	–	–	48,00	6,00
<b>HUMULUS</b> (Cannabaceae)								
HA 280 <b>lupulus</b> , 200 cm, Common Hops, greenish-yellow, hanging flowers, green foliage, VII-IX, Z4-9 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ) . . . . .	⑧ ⑩	10	1	980,00	192,00	32,00	4,40	4,40
<b>HYOSCYAMUS</b> (Solanaceae)								
HA 308 <b>niger</b> , Black Henbane, 50 cm, cream colored flowers with purple veins, V-IX, Z4-7, ⊕, poisonous! ( <i>see also Organic-Seeds</i> ) . . . . .	⑩	2	9	–	–	24,00	3,40	2,00
HA 309 <b>niger var. pallidus</b> , Black Henbane, 50 cm, pure cream yellow, without common vein markings, V-IX, Z4-7, ⊕, poisonous! . . . . .	⑩	2	9	–	–	48,00	6,80	3,40


**GENTIANA lutea**

**GINGIDIA montana**

**GLYCYRRHIZA yunnanensis**

**HELICHRYSUM italicum**

**HYOSCYAMUS niger var. pallidus**

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº of the sowing directions	Prices in EURO net per:				
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>HYPERICUM</b> (Clusiaceae, Guttiferae)								
HA 322	<i>hircinum</i> , Lemon-St. John's Wort, 60 cm, yellow, shrubby habit, VII-VIII, Z6-9.....	⑧⑨	0,5	16	–	–	48,00	6,00
HA 336	<i>perforatum</i> , St. John's Wort, 60 cm, yellow, V-VIII, Z2-9 ( <i>see also Organic-Seeds</i> ).....	⑧⑨	2	16	192,00	32,00	8,00	2,00
HT 336	<i>perforatum</i> , heat-treated seed is virtually Colletotrichum free, but secondary infection is still possible, please prevent!.....	JET®- heat-treated seed	2	16	–	96,00	16,00	2,80
HA 337	<i>perforatum 'Topas'</i> , 40 cm, yellow, higher hypericin concentration, V-VIII, Z2-9 ( <i>see also Organic-Seeds</i> ).....	⑧⑨	2	16	288,00	48,00	8,00	2,00
HT 337	<i>perforatum 'Topas'</i> , heat-treated seed is virtually Colletotrichum free, but secondary infection is still possible, please prevent!.....	JET®- heat-treated seed	2	16	–	144,00	24,00	4,00
<b>HYSSOPUS</b> (Lamiaceae, Labiateae)								
HA 347	<i>officinalis</i> , Hyssop, 45 cm, mostly blue, rarely pink and white, VI-VIII, Z3-11 ( <i>see also Organic-Seeds</i> ).....	⑧⑨⑩⑪	5	15	144,00	24,00	6,00	2,00
HA 348	<i>officinalis 'Albus' [Nectar White]</i> , 45 cm, pure white, VI-VIII, Z3-11							
HA 349	<i>officinalis 'Caeruleus' [Nectar Blue]</i> , 45 cm, blue, VI-VIII, Z3-11							
HA 350	<i>officinalis 'Roseus' [Nectar Rose]</i> , 45 cm, pink, VI-VIII, Z3-11							
HA 352	<i>officinalis Mix [Tricolor Trio, Nectar Mix]</i> , 45 cm, white, pink, blue, VI-VIII, Z3-11							
HA 356	<i>officinalis ssp. aristatus</i> , 30 cm, brilliant dark blue flowers, compact bushy habit, stable, fine aromatic foliage, Lavender substitute for cold climates, flowering the first year from seed, VI-IX, Z3-11.....	⑧⑨⑩⑪	2	15	–	540,00	68,00	8,40
IA 058	<i>helenium</i> , Elecampane, 150 cm, yellow, VII-X, Z3-8 ( <i>see also Organic-Seeds</i> ).....	⑧⑩⑪	5	16	432,00	72,00	12,00	2,00
<b>IRIS pseudacorus, sibirica, versicolor</b> - see <b>Organic Seed</b>								
<b>ISATIS</b> (Brassicaceae, Cruciferae)								
IA 300	<i>tinctoria</i> , Woad (Ban Lan Gen), 60 cm, yellow, V-VII, Z6-9, TCM plant, ☺ ( <i>see also Organic-Seeds</i> ).....	pure seed ⑧⑨	3	15	–	160,00	22,00	3,00
<b>KNAUTIA arvensis</b> - see <b>Organic Seed</b>								
<b>LAVANDULA</b> (Lamiaceae, Labiateae)								
LA 070	<i>angustifolia (officinalis)</i> , True Lavender, 50 cm, blue, VII-IX, Z5-9 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ).....	⑧⑨⑩⑪	5	9	380,00	48,00	8,00	2,00
LA 082	<i>angustifolia Munstead-Strain</i> - see <b>GOLD NUGGET SEED® + Organic Seed</b>							
	<i>latifolia (spica)</i> , Common Lavender, 35 cm, blue-violet, aromatic, VI-VII, Z6-9 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ).....	⑧⑨⑩⑪	5	9	1280,00	160,00	20,00	2,50



HYSSOPUS officinalis 'Albus'



HYSSOPUS officinalis 'Caeruleus'



HYSSOPUS officinalis 'Roseus'



HYSSOPUS officinalis ssp. aristatus



LEONURUS japonicus



LEONURUS japonicus 'Grobbabol'



LEONURUS japonicus



LEVISTICUM officinale

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
			from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>LEONURUS</b> (Lamiaceae, Labiateae)								
LA 112 ☐ <i>cardiaca</i> , True Motherwort, 120 cm, light red, VI-IX, Z3-9 ( <i>see also Organic-Seeds</i> ). Ⓛ Ⓜ Ⓝ Ⓞ Ⓟ	2	15	192,00	32,00	8,00	2,00	2,00	
LA 109 ☐ <i>cardiaca 'Grobbebol'</i> , 80 cm, lilac-pink, ruffled attractive foliage, interesting foliage plant, VI-IX, Z3-9 ..... Ⓛ Ⓜ Ⓠ	2	15	–	288,00	36,00	4,60	3,00	
LA 111 ☐ <i>japonicus (heterophyllus, sibiricus)</i> , Chinese Motherwort (Yi-Mu-Cao), 120 cm, lilac-pink with dark lip, whorly flower heads, pinnatifid foliage, young leaves can be used as vegetable, second year flowering, VII-X, Z5-9, TCM plant, Ⓡ ..... Ⓛ Ⓜ Ⓠ	3	15	288,00	48,00	8,00	2,00	2,00	
LA 113 <i>japonicus (heterophyllus) 'Alba'</i> , 120 cm, pure white form, whorly flower heads, VII-X, Z5-9, TCM plant ..... Ⓛ Ⓠ	3	16	980,00	180,00	30,00	5,00	2,50	
LA 115 <i>japonicus (heterophyllus) 'BLBP 02'</i> , Chinese Motherwort (Yi-Mu-Cao), 140 cm, lilac pink, whorled inflorescences, pinnatifid foliage, tetragonal stems, reliable first year flowering, high content of extract and flavanoids, high herb yield, VII-X, Z5-9, TCM plant, Ⓡ ( <i>see also Organic-Seeds</i> ) ..... Ⓛ Ⓜ Ⓠ	3	16	980,00	180,00	30,00	5,00	2,50	
<b>LEPIDIUM sativum</b> - see Organic Seed								
<b>LEUCANTHEMUM vulgare</b> - see Organic Seed								
<b>LEVISTICUM</b> (Apiaceae, Umbelliferae)								
LA 150 ☐ <i>officinale</i> , Lovage, Love Parsley, 160 cm, yellow-green, VI-IX, Z3-9 ( <i>see also Organic-Seeds</i> ) ..... Ⓛ Ⓜ Ⓠ	25	16	182,00	28,00	6,00	2,00	2,00	
<b>LINARIA</b> (Scrophulariaceae)								
LA 310 ☐ <i>vulgaris</i> , Toadflax, Butter-and-Eggs, 75 cm, yellow with orange, V-X, Z3-8 ..... Ⓛ	1	8	768,00	96,00	12,00	2,00	2,00	
<b>LINUM perenne</b> - see Organic Seed								
<b>LOBELIA inflata</b> - see Organic Seed								
<b>LUPINUS Perennis-Hybr.</b> - see Organic Seed								
<b>LYCHNIS flos-cuculi</b> - see Organic Seed								
<b>LYCIUM</b> (Solanaceae)								
LA 512 ☐ <i>barbarum (chinense)</i> , Goji-Berry, Chinese Wolfberry (Gou-Qi-Zi, Di-Gu-Pi), up to 300 cm, lilac flowers, yellow to orange-red berries, shrubby habit, VII-IX, Z5-9 ( <i>see also Organic-Seeds</i> ) ..... Ⓛ Ⓜ Ⓠ	2	16	2800,00	360,00	48,00	6,60	4,20	
<b>LYCOPUS europaeus</b> - see Organic Seed								
<b>LYSIMACHIA vulgaris</b> - see Organic Seed								
<b>LYTHRUM salicaria</b> - see Organic Seed								
<b>MACLEAYA</b> (Papaveraceae)								
<i>cordata hort.</i> - see <i>microcarpa</i>								
MA 008 <i>cordata</i> (Willd.), White Plume Poppy (Boluohui), 250 cm, white flower panicles, grey-green foliage, VII-IX, Z4-9, TCM plant ..... Ⓛ	3	1	4600,00	640,00	72,00	9,80	4,90	
MA 010 ☐ <i>microcarpa (cordata hort.)</i> , (Xiaoguoboluohui), 250 cm, blue-green leaves, whitish to pink-brown flowering panicles, VII-VIII, Z3-9, TCM plant ..... Ⓛ	2	9	3400,00	480,00	60,00	7,60	3,80	
<b>MALVA</b> (Malvaceae)								
MA 042 ☐ <i>sylvestris</i> , Common Mallow, High Mallow, 100 cm, violet, VI-IX, Z4-8 ( <i>see also Organic-Seeds</i> ) ..... Ⓛ Ⓜ Ⓠ	10	8	148,00	24,00	6,00	2,00	2,00	
MA 043 ☐ <i>sylvestris</i> ssp. <i>mauritiana</i> [ <i>Bibor Felho</i> ], Blue Mallow, 100 cm, dark violet, VI-IX, Z4-8 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ) ..... Ⓛ Ⓜ Ⓠ	10	8	120,00	24,00	6,00	2,00	2,00	
MA 041 ☐ <i>sylvestris 'Zebra'</i> , 120 cm, white with violet, VI-IX, Z4-8 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ) ..... Ⓛ Ⓜ Ⓠ	10	8	432,00	72,00	12,00	2,00	2,00	
<b>MARRUBIUM</b> (Lamiaceae, Labiateae)								
MA 050 <i>vulgare [Pompon]</i> , White Horehound, 40 cm, white, VI-VIII, Z3-9 ( <i>see also Organic-Seeds</i> ) ..... Ⓛ Ⓜ Ⓠ	5	15	260,00	48,00	8,00	2,00	2,00	
<b>MATRICARIA</b> - see <b>CHAMOMILLA</b>								
<b>MELILOTUS officinalis</b> - see Organic Seed								



LINARIA vulgaris



MACLEAYA microcarpa



MALVA sylvestris



MALVA sylvestris ssp. mauritiana



MELISSA officinalis 'Gold Leaf'



MELISSA officinalis 'Lemon'



MENTHA suaveolens



MERTENSIA maritima ssp. asiatica

		Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:				
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>MELISSA (Lamiaceae, Labiateae)</b>								
MA 098	<b>officinalis</b> , Lemon Balm, 40 cm, pale yellow, V-VII, Z3-9 ( <i>see also Organic-Seeds</i> ) . ☺⊗⊗⊗⊗	3	16	198,00	32,00	8,00	2,00	2,00
	<b>officinalis</b> ssp. <i>altissima</i> - see <i>Organic Seed</i>							
MA 084	⊗ <b>officinalis 'Gold Leaf' [All Gold]</b> , ☺⊗, Golden Lemon Balm, 40 cm, inconspicuous flowers, striking golden foliage in spring, changing to light green, for semi-shade, V-VII, Z3-9. ....	⊗⊗⊗⊗	2	16	–	–	120,00	16,00
MA 099	⊗ <b>officinalis 'Lemon'</b> , Lemon Balm, 40 cm, yellowish-white, good hardy, productive and protected foliage cultivar, dwarf creeping at first, 2nd year upright habit, very high yielding, IV-VI, Z4-10 ( <i>see also Organic-Seeds</i> ) ....	⊗⊗⊗⊗	3	16	680,00	98,00	14,00	2,40
MA 097	<b>officinalis 'Quedlinburger Niederliegende'</b> , 40 cm, yellowish-white, productive foliage variety with high yields, first procumbent, second year upright habit, IV-VI, Z4-10 ( <i>see also Organic-Seeds</i> ) ....	⊗⊗⊗⊗	3	16	288,00	48,00	9,60	2,40
<b>MENTHA (Lamiaceae, Labiateae)</b>								
MA 085	⊗ <b>aquatica</b> , Water Mint, 50 cm, pink-lilac, entire plant strongly aromatic, VII-X, Z4-8 ( <i>see also Organic-Seeds</i> ) ....	⊗⊗⊗⊗	0,5	9	–	760,00	96,00	12,00
	<b>cervina</b> - see <i>Organic Seed</i>							
MA 088	<b>longifolia (sylvestris)</b> , Horsemint, 50 cm, light blue, VI-X, Z5-8 ....	⊗⊗⊗	1	16	–	440,00	64,00	8,00
MA 086	<b>Piperita-Hybr.</b> , Peppermint, 40 cm, lilac-pink, very variable, VI-X, Z2-9 ....	⊗⊗⊗	0,5	16	1480,00	198,00	26,00	3,60
MA 087	<b>pulegium</b> , Pennyroyal, 20 cm, lilac, VI-VIII, Z6-10 ( <i>see also Organic-Seeds</i> ) ....	⊗⊗⊗	0,5	16	1150,00	144,00	18,00	2,40
MA 107	<b>requienii</b> , Corsican Mint, 5 cm, light violet, lawn forming, intensive fragrance, VI-IX, Z6-10. ....	⊗⊗⊗	0,1	15	–	–	–	196,00
MA 089	<b>Spicata-Hybr.</b> , Spearmint, Lamb Mint, 30 cm, pink-white, variable, VI-X, Z2-9 ( <i>see also Organic-Seeds</i> ) ....	⊗⊗⊗⊗	0,5	16	1480,00	198,00	26,00	3,60
MA 091	⊗ <b>suaveolens (rotundifolia hort.)</b> , Applemint, Round-leaved Mint, 30 cm, pink-white, hairy foliage, VII-IX, Z5-8 ( <i>see also Organic-Seeds</i> ) ....	⊗⊗⊗	0,5	16	–	256,00	32,00	4,00
<b>MERTENSIA (Boraginaceae)</b>								
MA 092	⊗ <b>maritima</b> ssp. <i>asiatica (simplicissima), Oyster-Leaf, 15 cm, brilliant blue, grey-bluish foliage, V-VII, Z3-7. ....</i>	⊗⊗	10	8	–	–	520,00	64,00
<b>MESEMBRYANTHEMUM (Aizoaceae)</b>								
MA 095	<b>crystallinum</b> , Iceplant, 20 cm, white, thick fleshy undulated foliage, VIII-IX, Z8-11, ⊖ ....	⊗	1	15	2250,00	320,00	46,00	7,80
<b>MEUM (Apiaceae, Umbelliferae)</b>								
MA 100	⊗ <b>athamanticum</b> , Bearwort, Spignel, 40 cm, slender leaves, white blossom umbels, spicy scent, cut-green, V-VIII, Z6-9 ....	⊗⊗	10	1	896,00	112,00	14,00	2,20
<b>MICROMERIA (Lamiaceae, Labiateae)</b>								
MA 105	<b>thymifolia (CLINOPODIUM)</b> , Mountain Mint, 25 cm, white with violet, VII-X, Z5-8. ....	⊗⊗	0,5	8	–	–	–	32,00
<b>MONARDA (Lamiaceae, Labiateae)</b>								
MA 194	<b>citriodora</b> , Lemon-Mint, Lemon Bergamot, 80 cm, rosy-red, purple spotted whorl flowers, VI-IX, Z5-8, ⊖ ....	⊗⊗⊗⊗	3	15	540,00	180,00	24,00	3,20
MA 196	<b>didyma</b> , Bergamot, Bee Balm, Oswego-Tea, 110 cm, mostly red, VI-IX, Z4-8 ( <i>see also Organic-Seeds</i> ) ....	⊗⊗⊗⊗	3	15	–	1540,00	162,00	18,00
MA 208	<b>fistulosa</b> , Horsemint, Wild Bergamot, 80 cm, mostly lilac, for dry locations, VII-IX, Z4-8 ( <i>see also Organic-Seeds</i> ) ....	⊗⊗⊗⊗	3	15	1960,00	280,00	35,00	4,60
MA 210	⊗ <b>punctata</b> , Spotted Bee Balm, 90 cm, pink bracts, yellow, purple spots, VII-IX, Z4-8 ....	⊗⊗⊗⊗	3	16	–	369,00	46,00	6,20
<b>MYRRHIS (Apiaceae, Umbelliferae)</b>								
MA 250	<b>odorata</b> , Sweet Cicely, Myrrh, Sweet Chervil, 120 cm, white umbels, entire plant aromatic, VI, Z4-8 ( <i>see also Organic-Seeds</i> ) ....	⊗⊗⊗	110	1	468,00	78,00	14,00	2,00
<b>NASTURTIUM (Brassicaceae)</b>								
NA 012	<b>officinale</b> , Watercress, 40 cm, evergreen, V-X, Z5-8 ( <i>see also Organic-Seeds</i> ) ....	⊗⊗	1	15	360,00	52,00	7,40	2,00



**MEUM athamanticum**



**MONARDA punctata**



**OCIMUM basilicum 'Adi'**



**OCIMUM basilicum 'Red Rubin'**

		Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>NEPETA (Lamiaceae, Labiateae)</b>									
NA 020	<b>cataria</b> , Common Catmint, 60 cm, white, VI-X, Z3-8 ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑨⑩⑪⑫	3	9	162,00	36,00	8,00	2,00	2,00
NA 021	<b>cataria</b> ssp. <b>citriodora</b> , Lemon Catmint, 60 cm, white, lemon scented, VI-X, Z3-8 ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑨⑩⑪⑫	3	9	225,00	45,00	9,00	2,00	2,00
	<b>racemosa</b> - see Organic Seed								
<b>NIGELLA sativa</b> - see Organic Seed									
<b>OCIMUM (Lamiaceae, Labiateae)</b>									
OA 001	<b>americanum</b> 'Lemonette', Lemon Basil, 40 cm, pale lilac-white, VI-IX, Z10-11, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑩	4	15	192,00	32,00	8,00	2,00	2,00
	<b>basilicum</b> 'Ararat' - see Organic Seed								
OA 003	<b>basilicum</b> 'Cinnamon', Cinnamon Basil, 40 cm, lavender-pink, green-purple foliage, VI-IX, Z9-11, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑩	4	15	224,00	32,00	8,00	2,00	2,00
OA 017	✉ <b>basilicum</b> F <sub>1</sub> -Genoveser-Hyb. 'Adi', Pot-Plant Basil, 20 cm, fusarium resistant F <sub>1</sub> -Hyb., round, healthy foliage, VI-IX, Z10-11, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑩	4	15	498,00	72,00	12,00	2,50	2,50
OA 016	<b>basilicum</b> F <sub>1</sub> -Genoveser-Hyb. 'Aroma 2', Large Sweet Basil, 50 cm, fusarium resistant F <sub>1</sub> -Hyb., white, large, round, healthy foliage, VI-IX, Z10-11, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑩	4	15	498,00	72,00	12,00	2,50	2,50
OA 019	<b>basilicum</b> 'Dark Opal', Purple-leaved Basil, 30 cm, pink, purple-black, excellent aromatic leaves, VI-IX, Z10-11, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑩	4	15	252,00	42,00	7,20	2,00	2,00
OA 004	<b>basilicum</b> 'Genoveser', Large Sweet Basil, 50 cm, white, best for pesto, large round foliage, VI-IX, Z10-11, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑩	4	15	112,00	18,00	6,00	2,00	2,00
OA 005	<b>basilicum</b> var. <b>minutum</b> 'Minette', Pot-Plant Basil, 20 cm, compact, fine foliage, VI-IX, Z10-11, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑩	4	15	224,00	32,00	8,00	2,00	2,00
OA 007	<b>basilicum</b> 'Purple Ruffles', ✉ Red Ruffled Basil, 40 cm, pink, large crinkled dark purple leaves, VI-IX, Z10-11, ☺ . . . . .	⑧⑩	2	15	–	498,00	72,00	12,00	3,20
OA 008	✉ <b>basilicum</b> 'Red Rubin', Purple-leaved Basil, 30 cm, pink-white, bronze-purple, excellent flavour, decorative foliage, VI-IX, Z10-11, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑩	4	15	432,00	72,00	12,00	2,00	2,00
OA 021	<b>basilicum</b> var. <b>thyrsiflorum</b> 'Thai', Thai Basil, 60 cm, red-purple, leaves with anise flavour, VII-IX, Z10-11, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑩	3	15	498,00	72,00	12,00	2,50	2,50
NEW! OA 015	<b>tenuiflorum</b> ( <b>sanctum</b> ), Sacred Basil, Kapoor Tulsi, 50 cm, pink, aromatically fragrant, clove-like taste, VI-IX, Z10-11 . . . . .	⑧⑩	2	15	–	198,00	34,00	5,80	2,00
<b>OENOTHERA (Onagraceae)</b>									
OA 011	<b>biennis</b> , Evening Primrose, 80 cm, yellow, VI-VIII, Z3-8, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑨⑩⑪⑫	5	9	90,00	18,00	6,00	2,00	2,00
<b>ORIGANUM (Lamiaceae, Labiateae)</b>									
	<b>libanoticum</b> - see Organic Seed								
OA 093	<b>majorana</b> , Sweet Marjoram, Garden Marjoram, 45 cm, white-pink, VI-VII, Z6-9, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑨⑩⑪⑫	2	15	128,00	32,00	8,00	2,00	2,00
OA 091	<b>vulgare</b> hort., Perennial Marjoram, 40 cm, pink, VII-X, Z4-8 ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑨⑩⑪⑫	3	15	432,00	72,00	12,00	2,00	2,00
OA 094	<b>vulgare</b> , wild form, Wild Marjoram, 35 cm, pale purple, aromatic, VII-X, Z4-8 . . . . .	⑧⑨⑩⑪⑫	1	15	510,00	72,00	12,00	2,00	2,00
OA 092	<b>vulgare</b> 'Album', 35 cm, white umbels, VI-IX, Z4-8 . . . . .	⑧⑩	0,5	16	–	–	72,00	9,00	3,00
OA 096	<b>vulgare</b> ssp. <b>hirtum</b> ( <b>heracleoticum</b> ), Pizza Oregano, Greek Oregano, 45 cm, mostly white, rarely pink, intensive fragrance, compact, VII-X, Z4-8 ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑨⑩⑪⑫	3	15	780,00	112,00	14,00	2,00	2,00
<b>ORLAYA</b> - see Organic Seed									
<b>PAEONIA (Paeoniaceae)</b>									
PA 003	✉ <b>officinalis</b> ssp. <b>banatica</b> , Common Peony, 60 cm, red with yellow stamens, V-VI, Z5-8 ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑩	250	6/10	960,00	120,00	15,00	2,00	9,00
<b>PANAX (Araliaceae)</b>									
PA 012	<b>ginseng</b> , Ginseng (Ren-Shen), 40 cm, white-green clusters between two handshaped leaves, red berries, roots very valuable for medical purposes, VI-VIII, Z5-8, TCM plant . . . . .	⑪	50	1	1820,00	280,00	36,00	5,20	9,80
<b>PAPAVER (Papaveraceae)</b>									
PA 095	<b>rheas</b> , Corn Poppy, 50 cm, brilliant red, V-VIII, Z4-8, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	⑧⑨⑩⑪⑫	0,25	9	136,00	32,00	6,00	2,00	2,00
<b>PASTINACA sativa</b> - see Organic Seed									
<b>PENSTEMON pseudospectabilis</b> - see Organic Seed									

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
			from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>PERILLA</b> (Lamiaceae)								
PA 273	frutescens var. <i>crispa</i> 'Green Shiso', Green Leaved Beefsteak Plant (Zi-Su-Ye), 50 cm, white, green-crenked foliage, IX-X, Z7-11, TCM plant, ☺ .....	⑧⑩	3	15	480,00	96,00	12,00	2,00
PA 267	frutescens var. <i>crispa</i> ( <i>nankinensis</i> ) 'Red Shiso', Beefsteak Plant, (Zi-Su-Ye), 50 cm, pink, purple-crenked foliage, IX-X, Z7-11, TCM plant, ☺ (see also Organic-Seeds) .....	⑧⑩	3	15	480,00	96,00	12,00	2,00
<b>PETASITES</b> (Asteraceae, Compositae)								
PA 262	hybridus ( <i>officinalis</i> ), Butterbur, Umbrella Plant, 100 cm, purple-rose, III-IV, Z3-8 (see also Organic-Seeds) .....	⑧⑩	1	9	896,00	128,00	16,00	2,00
<b>PETROSELINUM</b> (Apiaceae, Umbelliferae)								
PA 282	crispum var. <i>crispum</i> , Double Curled Parsley, 40 cm, yellow, double-crenked foliage, VI-VIII, Z5-9, ☺ (see also Organic-Seeds) .....	⑧⑩	5	15	90,00	18,00	6,00	2,00
PA 284	crispum var. <i>neapolitanum</i> ( <i>hortense</i> ), Italian Parsley, Plain Parsley, 60 cm, 60 cm, yellow, plain glossy foliage, VI-VIII, Z5-9, ☺ (see also Organic-Seeds) .....	⑧⑩	5	15	45,00	9,00	4,00	2,00
<b>PEUCEDANUM</b> (Apiaceae, Umbelliferae)								
PA 270	ostruthium, Masterwort, 60 cm, white or reddish, a very aromatic plant, VII-VIII, Z4-8 (see also Organic-Seeds) .....	⑧⑩	5	1	–	192,00	24,00	3,40
<b>PHACELIA tanacetifolia</b> - see Organic Seed								
<b>PHYSALIS</b> (Solanaceae)								
PA 330	alkekengi var. <i>franchetii</i> 'Gigantea' [Winter Cherry], Chinese Lantern, Bladder Cherry, 100 cm, large, red fruits, VI-VII, Z3-9 (see also Organic-Seeds) .....	⑧⑨⑩	5	9	432,00	72,00	12,00	2,00
<b>PIMPINELLA</b> (Apiaceae, Umbelliferae)								
PA 393	anisum, Anis, 40 cm, pink, VII-VIII, Z8-11, ☺ (see also Organic-Seeds) .....	⑧⑨⑩⑪	4	15	42,00	6,00	4,00	2,00
PA 392	saxifraga, Burnet Saxifrage, Small Pimpernel, 50 cm, white, rarely pink or red, VII-IX, Z4-8 (see also Organic-Seeds) .....	⑧⑨⑩⑪	3	16	336,00	48,00	8,00	2,00
<b>PLANTAGO</b> (Plantaginaceae)								
	asiatica - see Organic Seed							
PA 399	coronopus 'Minutina', Buck's Horn Plantain, 15 cm, yellowish, pinnatifid foliage, mild nutty flavour, VI-IX, Z5-8, ☺ (see also Organic-Seeds) .....	⑯	1	15	188,00	32,00	8,00	2,00
PA 397	lanceolata, Ribwort Plantain, 50 cm, white, V-IX, Z5-8 .....	⑧⑨⑩⑪	5	15	72,00	18,00	6,00	2,00
NEW! PA 398	lanceolata 'Libor', Ribwort Plantain, 50 cm, white, large leaved and productive, tetraploid cultivar, V-IX, Z5-8 (see also Organic-Seeds) .....	⑧⑨⑩⑪⑫	5	15	96,00	24,00	6,20	2,00
PA 412	major, Common Plantain, 40 cm, yellowish-green, VI-X, Z4-8 (s. also Organic-Seeds) .....	⑧⑨⑩⑪	5	9	188,00	32,00	8,00	2,00
PA 400	major 'Purple Perversion', Fringed Purple Plantain, 40 cm, white, decorative fringed red foliage, V-VIII, Z3-9 .....	⑯	1	9	–	–	72,00	9,00
PA 404	major 'Purpurea' (var. <i>rubrifolia</i> ), Red-leaved Plantain, 30 cm, white, very decorative, V-VII, Z3-9 (see also Organic-Seeds) .....	⑧⑨⑩⑪⑫	1	9	–	–	72,00	9,00
PA 405	major 'Rosularia' [Bowles Variety], Rose Plantain, 35 cm, green roselike leaf-rosettes, between large foliage, a curiosity, V-VII, Z3-9 .....	⑧⑨⑩⑪⑫	1	9	–	576,00	72,00	9,00
PA 401	major 'Variegata', 25 cm, white, broad dark green leaves and white marbled, V-VII, Z3-9 .....	⑧⑨⑩⑪⑫	1	9	–	384,00	48,00	6,00
PA 403	media, Hoary Plantain, 30 cm, lilac, V-IX, Z5-8 .....	⑧⑨⑩⑪⑫	1	9	188,00	32,00	8,00	2,00
<b>PLATYCODON</b> (Campanulaceae)								
PA 434	grandiflorus 'Mariesii', (AGM), Balloon Flower, Chinese Bellflower (Jie-Geng), 50 cm, blue, winterhardy cultivar, VI-VIII, Z3-8, TCM plant (see also Organic-Seeds) .....	⑧⑨⑩⑪	3	15	864,00	144,00	18,00	2,40
<b>POLEMONIUM caeruleum</b> - see Organic Seed								
<b>POLYGONUM</b> (Polygonaceae)								
PA 520	bistorta (BISTORTA officinalis), Bistort, Snakeweed, 70 cm, pink, V-VIII, Z3-9 .....	⑧⑩	10	1	–	144,00	18,00	2,40
<b>POTENTILLA</b> (Rosaceae)								
	argentea - see Organic Seed							
PA 560	anserina, Goose Grass, 10 cm, golden, green feathered foliage, silvery underneath, V-IX, Z3-9 (see also GOLD NUGGET SEED®) .....	⑯	5	1	5480,00	680,00	98,00	14,00
PA 588	erecta ( <i>tormentilla</i> ), Bloodroot, 15 cm, yellow, V-VIII, Z4-7 .....	⑧⑩	1	1	–	450,00	64,00	9,20



PEUCEDANUM ostruthium



PLANTAGO major 'Purple Perversion'



PLANTAGO major 'Purpurea'



PLANTAGO major 'Variegata'


*POTENTILLA anserina*

*PULMONARIA officinalis*

*PYCNANTHEMUM pilosum*

*RHEUM rhabarbarum 'Glaskins Perpetual'*
*RHEUM officinale 'BLBP 01'*

		Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>PRIMULA</b> (Primulaceae)									
PA 910	veris (officinalis), AGM, Cowslip, 20 cm, yellow, III-V, Z4-8 <i>(see also GOLD NUGGET SEED® + Organic-Seeds)</i>	5	9	780,00	120,00	20,00	3,40	2,00	
<b>PRUNELLA</b> (Lamiaceae, Labiate)									
PA 948	vulgaris, 20 cm, violet, VI-IX, Z3-8	8 (D)	2	396,00	72,00	10,00	2,00	2,00	
PA 950	vulgaris 'BLBP 01', Allheal, Selfheal (Xia-Ku-Cao), 60 cm, blue-violet to reddish flowers in dense spikes, lanceolate foliage, with runners, high content of extract and ursolic-acid, high flower yield, VI-IX, Z3-8, TCM plant <i>(see also Organic-Seeds)</i>	8 (D)	2	15	–	112,00	14,00	2,00	2,00
<b>PULMONARIA</b> (Boraginaceae)									
PA 969	officinalis (ssp. obscura), Jerusalem Cowslip, Lungwort, 25 cm, pink changing to violet, foliage mostly without spots, III-IV, Z4-8 <i>(see also Organic-Seeds)</i>	15	1	896,00	112,00	14,00	2,00	2,00	
<b>PULSATILLA</b> pratensis + vulgaris - see Organic Seed									
<b>PYCNANTHEMUM</b> (Lamiaceae, Labiate)									
PA 998	pilosum, American Mountain Mint, 70 cm, pale purple, aromatic foliage, VI-IX, Z4-8 <i>(see also Organic-Seeds)</i>	8 (D)	3	16	–	320,00	40,00	5,00	2,50
<b>PYRETHRUM</b> cinerariifolium - see <b>TANACETUM</b> cinerariifolium									
<b>RESEDA</b> - see Organic Seed									
<b>RHEUM</b> (Polygonaceae)									
RA 079	officinale 'BLBP 01', Chinese Rhubarb (Da-Huang), 200 cm, whitish flowers, strong stems, large lobed leaves, high content of extract and rhein, very low to absent content of raphonticin, high root yield, V-VII, Z6-9, TCM plant	8 (D)	40	15	686,00	98,00	14,00	2,40	4,80
RA 082	palmatum var. tanguticum, Chinese Rhubarb, Turkey Rhubarb (Da-Huang), 200 cm, white, pink or red, VI-VII, Z4-8, TCM plant	8 (D)	30	15	2240,00	320,00	40,00	5,20	4,20
RA 083	rhabarbarum (x hybrida), Rhubarb, 120 cm, yellowish-white, large leaves, mostly red leafstalks, V-VI, Z2-9 <i>(see also Organic-Seeds)</i>	8 (D)	60	15	240,00	32,00	6,00	2,00	3,20
RA 087	rhabarbarum 'Glaskins Perpetual', Garden Rhubarb, 150 cm, reddish-green, bright red and luscious leafstalks, early and late harvest possible from the second year, long known productive variety, V-VII, Z2-9 <i>(see also Organic-Seeds)</i>	8 (D)	60	15	448,00	64,00	12,00	2,00	4,20
RA 076	rhabarbarum 'Victoria', Garden Rhubarb, 150 cm, green-reddish, thick green leaf stalks, large leaved late cultivar, V-VII, Z2-9 <i>(see also Organic-Seeds)</i>	8 (D)	60	15	448,00	64,00	12,00	2,00	4,20
RA 085	rhaponticum, Raphontic-Rhubarb, 150 cm, greenish-white, large leaves, V-VI, Z2-9	8 (D)	50	15	–	98,00	16,00	2,00	3,20



**RHODIOLA rosea**



**RUMEX sanguineus var. sanguineus**



**RUMEX scutatus**

	Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
			from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>RHODIOLA (SEDUM)</b> (Crassulaceae)								
RA 090 ☼ <i>rosea</i> , Rose Root, 25 cm, yellowish umbel, dried root is rose-scented, V-VI, Z1-8 <i>(see also GOLD NUGGET SEED®)</i> .....	⑧ ⑨ ⑩	0,5	1	–	–	198,00	22,00	4,40
<b>RICINUS</b> - see Organic Seed								
<b>ROSMARINUS</b> (Lamiaceae, Labiateae)								
RA 130 <i>officinalis</i> , Rosemary, 120 cm, blue, V-VII, Z5-9 ( <i>see also GOLD NUGGET SEED®</i> + Organic-Seeds) .....	⑧ ⑨ ⑩ ⑪	10	9	2300,00	288,00	36,00	4,50	3,00
<b>RUMEX</b> (Polygonaceae)								
RA 206 <i>acetosa</i> , Sorrel, Garden Sorrel, 50 cm, reddish-brown, V-VII, Z2-9 ( <i>s. a. Organic-Seeds</i> ) .. ⑧ ⑩	5	15	252,00	42,00	8,00	2,00	2,00	
RA 207 <i>acetosa</i> 'De Belleville', Green Sorrel, 60 cm, reddish, large leaved, green, productive foliage variety, low content of acid, long known mild cultivated form, VI-VIII, Z2-9 <i>(see also Organic-Seeds)</i> .....	⑧ ⑩	5	15	252,00	42,00	8,00	2,00	2,00
RA 210 <i>acetosella</i> , Sheep's Sorrel, 30 cm, reddish-green, V-VII, Z2-8 ( <i>see also Organic-Seeds</i> ) .. ⑧ ⑩	2	15	144,00	18,00	6,00	2,00	2,00	
RA 228 ☼ <i>sanguineus</i> var. <i>sanguineus</i> [Bloody Dock, Red Halley, Ruby Streak], 40 cm, lanceolate leaves with distinct red-purple leaf veins, attractive foliage plant! V-VII, Z5-8 <i>(see also Organic-Seeds)</i> .....	pure seed ⑧	2	15	1372,00	196,00	28,00	4,00	2,00
RA 238 ☼ <i>scutatus</i> , French Sorrel, 40 cm, white-green, shield shaped green juicy leaves with sour-lemon flavor, V-IX, Z4-8 ( <i>see also Organic-Seeds</i> ), ..... <i>scutatus</i> ssp. <i>glaucus</i> - see Organic Seed	pure seed ⑧ ⑩	3	16	–	320,00	48,00	8,00	3,80
<b>RUTA</b> (Rutaceae)								
RA 354 ☼ <i>corsica</i> , Corsican Rue, 40 cm, creamy white, blue-green foliage, zigzag growing habit, VI-VIII, Z7-10 .....	⑧ ⑨ ⑩	3	9	–	–	–	32,00	4,80
RA 360 <i>graveolens</i> , Rue, Herb of Grace, 50 cm, yellow, evergreen, VI-VIII, Z5-9 <i>(see also Organic-Seeds)</i> .....	⑧ ⑨ ⑩	10	16	336,00	48,00	8,00	2,00	2,00
<b>NEW!</b> RA 362 ☼ <i>graveolens</i> 'Jackman's Blue Strain', Rue, 50 cm, yellow, bluish grey aromatic foliage, compact habit, VI-VIII, Z5-9 .....	⑧ ⑨ ⑩	6	16	–	–	–	9,60	4,20
RA 364 ☼ <i>graveolens</i> f. <i>variegata</i> , 50 cm, yellow, colourful variegated foliage in spring, changing to green towards winter, VI-VIII, Z5-9 .....	⑧ ⑨ ⑩	10	16	–	512,00	64,00	8,20	4,10
<b>SALVIA</b> (Lamiaceae, Labiateae)								
<b>NEW!</b> SA 019 ☼ <i>apiana</i> , Sacred Sage, 100 cm, white, attractive, silver grey foliage, aromatic, V-VIII Z7-9 .....	⑧ ⑨ ⑩	7	16	–	–	–	18,00	6,20
SA 014 ☼ <i>columbariae</i> , Desert Chia, 30 cm, bright blue, pinnatifid foliage, drought tolerant, V-VII, Z6-10, ☺ .....	⑧ ⑨ ⑩	2	15	–	144,00	24,00	3,40	2,00
hispanica - see Organic Seed								
SA 041 <i>lavandulifolia</i> ( <i>officinalis</i> var. <i>lavandulifolia</i> ), Spanish Sage, 40 cm, blue-violet, grey-green narrow foliage, aromatic, VI-VIII, Z4-10 .....	⑧ ⑨ ⑩ ⑪	20	15	–	152,00	19,20	2,60	2,60
SA 080 ☼ <i>miltiorrhiza</i> 'BLBP 01', Chinese Sage, Red Sage (Dan-Shen), 60 cm, blue-purple whorl flowers, large blooming racemes, pinnatifid foliage, high content of tanshinone Ila, extract and salvianolic acid B, high root yield, VI-IX, Z6-10, TCM plant .. ⑧ ⑩	5	15	1880,00	240,00	32,00	4,00	3,20	
<b>NEW!</b> SA 079 ☼ <i>moorcroftiana</i> x <i>indica</i> 'Shangri-La', ☺, 70 cm, lavender blue, finely veined, large flowers in dense whorls, reblooming after deadheading, attractive leaf clumps, V-VIII, Z5-9 <i>(see also Organic-Seeds)</i> .....	⑧ ⑩	25	9	–	296,00	38,00	6,40	4,80
<i>nemorosa</i> - see Organic Seed								
SA 038 <i>officinalis</i> , Common Sage, 50 cm, lilac, aromatic, VI-VIII, Z4-10 <i>(see also Organic-Seeds)</i> .....	⑧ ⑨ ⑩ ⑪	20	16	192,00	32,00	8,00	2,00	2,00
SA 040 <i>officinalis</i> 'Extrakta', Extract Sage, 60 cm, lilac, foliage with a high oil concentration, VI-VIII, Z4-10 ( <i>see also Organic-Seeds</i> ) .....	⑧ ⑨ ⑩ ⑪	20	15	324,00	54,00	9,00	2,00	2,00
SA 042 <i>officinalis</i> f. <i>albiflora</i> , 40 cm, pure white, VI-VIII, Z4-10 .....	⑧ ⑨ ⑩ ⑪	20	15	744,00	124,00	16,00	2,00	2,00
<i>pratensis</i> - see Organic Seed								
SA 058 <i>scarea</i> , Clary, Muscatel Sage, 100 cm, rosy-red bracts, pale lilac flowers, branched blossom panicles, VI-VII, Z4-8, ☺ ( <i>see also Organic-Seeds</i> ) .....	⑧ ⑨ ⑩	10	15	288,00	48,00	8,00	2,00	2,00
<b>SANGUISORBA</b> (Rosaceae)								
SA 088 <i>minor hort.</i> , Salad Burnet, Small Burnet, 60 cm, greenish flower heads, V-VIII, Z4-8 <i>(see also Organic-Seeds)</i> .....	⑧ ⑨ ⑩ ⑪	50	15	84,00	12,00	4,00	2,00	2,00
SA 098 <i>officinalis</i> , Great Burnet (Di-Yu), 60 cm, blood-red, VI-VIII, Z3-8, TCM plant <i>(see also Organic-Seeds)</i> .....	⑧ ⑨ ⑩ ⑪	3	16	576,00	72,00	12,00	2,00	2,00

## Production – Breeding – Seed Technology

			Gram to get 1000 plants	Nº of the sowing directions	Prices in EURO net per:				
					from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>SANICULA</b> (Apiaceae, <i>Umbelliferae</i> )									
SA 110 <b>europaea</b> , Sanicle, 25 cm, white, V-VI, Z5-8 ( <i>see also Organic-Seeds</i> ) . . . . .	⑩	15	1	860,00	120,00	15,00	2,00	2,00	2,00
<b>SANTOLINA</b> (Asteraceae, <i>Compositae</i> )									
SA 124 <b>chamaecyparissus ssp. tomentosa [Santa]</b> , Cotton Lavender, 25 cm, pale yellow, compact, silver foliage, VI-VIII, Z6-8 ( <i>see also Organic-Seeds</i> ) . . . . .	⑩ ① ⑧ ⑩	1	15	–	1296,00	144,00	16,00	4,60	
SA 126 <b>etrusca</b> , Etruscan Santolina, 40 cm, creamy white, grey-green aromatic foliage, VII-VIII, Z6-9 . . . . .	⑩ ⑧	1	15	–	–	76,00	9,60	4,80	
SA 128 <b>rosmarinifolia (viridis)</b> , 30 cm, yellow, very decorative blue-green foliage, VII-VIII, Z6-8 . . . . .	⑩ ⑧	1	15	3600,00	512,00	64,00	8,00	2,00	2,00
<b>SAPONARIA</b> (Caryophyllaceae)									
SA 144 <b>officinalis</b> , Soapwort, 80 cm, pale pink, VI-IX, Z3-8 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ) . . . . .	⑧ ⑩	10	1	224,00	32,00	8,00	2,00	2,00	2,00
<b>SAPOSHNIKOVIA</b> (Apiaceae, <i>Umbelliferae</i> )									
SA 154 <b>divaricata 'BLBP 03'</b> , Chinese Laserwort (Fang Feng), 80 cm, white flower umbels, pinnatifid foliage, high content of extract and required essence, good root yield, VII-VIII, Z5-9, TCM plant . . . . .	⑩	10	16	820,00	128,00	16,00	2,00	2,00	2,00



RUTA corsica



RUTA graveolens 'Jackman's Blue Strain'



RUTA graveolens f. variegata



SALVIA apiana



SALVIA columbariae



SALVIA miltiorrhiza 'BLBP 01'



SANTOLINA etrusca



SANTOLINA rosmarinifolia



SAPOSHNIKOVIA divaricata 'BLBP 03'



SCUTELLARIA baicalensis 'BLBP 02'



SIDERITIS scardica



TARAXACUM pseudoroseum



SILYBUM marianum var. albiflorum



TARAXACUM albidum



TARAXACUM pseudoroseum

			Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
					from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>SATUREJA</b> (Lamiaceae, Labiateae)										
SA 158	<b>hortensis</b> , Summer Savory, 25 cm, lilac-white, VII-X, Z6-9, ☺ <i>(see also Organic-Seeds)</i>	.....	⑧⑩	2	15	54,00	9,00	4,00	2,00	2,00
SA 163	<b>montana</b> , Winter Savory, 25 cm, white-pink, VIII-X, Z5-8, 24 <i>(see also Organic-Seeds)</i>	.....	⑧⑨⑩	3	15	346,00	48,00	8,00	2,00	2,00
SA 166	<b>montana var. citriodora</b> , Lemon Savory, 25 cm, white-pink, aromatic lemon scented foliage, occasionally normal forms come up, VIII-X, Z5-8 .....	.....	⑧⑨⑩	2	9	–	620,00	78,00	9,60	3,20
SA 164	✉ <b>montana ssp. illyrica (subspicata)</b> , ☺, Purple Winter Savory, 15 cm, bright violet, VIII-X, Z5-8 <i>(see also Organic-Seeds)</i>	.....	⑧⑨⑩	1	9	–	620,00	78,00	9,60	3,20
SA 167	<b>spicigera (repanda)</b> , Creeping Savory, 20 cm, white rich flowering, aromatic semi-evergreen foliage, attractive late flowering groundcover, VIII-XI, Z6-9 .....	.....	⑧	2	16	–	–	42,00	6,00	2,00
<b>SCABIOSA ochroleuca</b> - see Organic Seed										
<b>SCUTELLARIA</b> (Lamiaceae, Labiateae)										
<b>baicalensis</b> - see Organic Seed										
SA 309	✉ <b>baicalensis 'BLBP 02'</b> , Baical Scutellum (Huang-Qin), 40 cm, bright blue flower spikes, strongly branched, bushy habit, high content of extract and baicaline, good root yield, VII-IX, Z4-8, TCM plant .....	.....	⑧	5	15	1600,00	200,00	26,00	3,40	2,00
<b>SEDMUM</b> (Crassulaceae)										
SA 364	<b>reflexum (rupestre)</b> , Stone Orpine, 30 cm, yellow, grey leaves, VI-VIII, Z4-9 <i>(see also Organic-Seeds)</i>	.....	⑧⑨⑩	0,5	4/15	2600,00	336,00	42,00	5,40	2,70
<b>SERRATULA</b> (Asteraceae, Compositae)										
SA 420	<b>tinctoria</b> , 60 cm, purple red, VII-IX, Z5-8 .....	.....	⑧	5	9	–	570,00	72,00	9,00	6,80
<b>SIDERITIS</b> (Lamiaceae, Labiateae)										
NEW! SA 444	✉ <b>scardica</b> , Greek Mountain Tea, 40 cm, yellow, large, candle-shaped inflorescences, woolly foliage, very aromatic, VI-VIII, Z6-9 .....	.....	⑧⑨⑩	5	15	3600,00	460,00	58,00	7,20	3,60
SA 446	<b>syriaca</b> , South Greek Mountain Tea, 25 cm, yellow, white-grey foliage, VI-VIII, Z6-9 <i>(see also Organic-Seeds)</i> .....	.....	⑧⑨⑩	3	15	–	624,00	78,00	9,80	3,60
<b>SIEGESBECKIA</b> (Asteraceae, Compositae)										
SA 455	<b>pubescens 'BLBP 01'</b> , St. Paul's Wort (Xi-Xiang-Cao), 170 cm, small yellowish flower heads with sticky stems, strong thick leafy annual herb, high content of kirensol, very high herb yield, IX-X, Z6-10, TCM plant, ☺ .....	.....	⑧	5	16	686,00	98,00	14,00	2,00	2,00
<b>SILENE alba, diocia</b> - see Organic Seed										

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:				
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>SILYBUM</b> (Asteraceae, <i>Compositae</i> )								
SA 499	<b>marianum</b> , St. Maria's Thistle, Blessed Thistle, Holy Thistle, 150 cm, purple, white marbled leaves, webbed stems and flower heads, VI-IX, Z6-9, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	50	15	128,00	32,00	8,00	2,00	2,80
SA 500	<b>marianum var. albiflorum</b> , St. Maria's Thistle, 120 cm, pure white form, white marbled leaves, webbed stems and flower heads, VI-IX, Z6-9, ☺ . . . . .	50	15	–	98,00	26,00	5,20	5,20
<b>SMYRNium</b> (Apiaceae, <i>Umbelliferae</i> )								
SA 554	<b>olusatrum</b> , Black Lovage, Alexanders, 120 cm, greenish-yellow umbels, substitute for Celery, V-VII, Z7-10, ☺ . . . . .	80	1	–	60,00	8,00	2,00	4,00
<b>SOLIDAGO</b> (Asteraceae, <i>Compositae</i> )								
SA 586	<b>virgaurea</b> , European Goldenrod, 70 cm, yellow, VII-IX, Z4-8 ( <i>see also Organic-Seeds</i> ) . . . . .	3	15	768,00	96,00	12,00	2,00	2,00
<b>SPILANTHES oleracea</b> - see <b>ACMELLA oleracea</b>								
<b>STACHYS</b> (Lamiaceae, <i>Labiateae</i> )								
SA 622	<b>officinalis</b> , Betony, Bishopswort, 30 cm, pink, VII-VIII, Z4-7 ( <i>s. also Organic-Seeds</i> ) . . . . .	5	8	576,00	96,00	12,00	2,00	2,00
<b>STEVIA</b> (Asteraceae)								
SA 655	<b>rebaudiana</b> , Sugar Leaf, Sweet Herb, 50 cm, white, soft and light-green foliage, IX-XI, Z9-11, ( <i>see also Organic-Seeds</i> ), . . . . .	0,5	16	–	7920,00	880,00	98,00	8,00
<b>SYMPHYTUM</b> (Boraginaceae)								
SA 720	<b>officinale</b> , Comfrey, 80 cm, violet or cream-colored, V-VII, Z4-8 ( <i>see also Organic-Seeds</i> ) . . . . .	30	9	980,00	128,00	16,00	2,40	2,00
<b>TAGETES</b> (Asteraceae, <i>Compositae</i> )								
	<b>lucida</b> - see <i>Organic Seed</i>							
TA 015	<b>patula/erecta Mix</b> , French Marigold, 40 cm, yellow-orange, for the biological disinfection of soil, amount needed 2-3gr/m², VII-X, Z8-10, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	25	15	58,00	18,00	6,00	2,00	2,00
<b>TALINUM</b> (Portulaccaceae)								
TA 003	<b>paniculatum [Verde]</b> , Jewels of Opar (Tu-Ren-Shen), 50 cm, pink flowers, reddish seed heads, glossy green leaf rosettes, TCM plant, VI-IX, Z9-11 . . . . .	1	15	–	720,00	96,00	12,00	2,20
<b>TANACETUM</b> (Asteraceae, <i>Compositae</i> )								
TB 290	<b>balsamita</b> , Costmary, 60 cm, white, grey-green aromatic foliage, VII-VIII, Z5-8 ( <i>see also Organic-Seeds</i> ) . . . . .	1	15	2240,00	320,00	48,00	7,40	3,80
CA 384	<b>cinerariifolium (CHRYSANTHEMUM)</b> , Dalmatian Pelliitory, 50 cm, semispheric-shaped, bright white, good for cutting, stems 40 cm, V-VII, Z6-10 ( <i>see also Organic-Seeds</i> ) . . . . .	3	15	–	–	22,00	2,80	2,00
CA 474	<b>parthenium (CHRYSANTHEMUM)</b> , Feverfew, 90 cm, white, well branched, perennial but often used biennial, VI-VIII, Z5-8 ( <i>see also Organic-Seeds</i> ) . . . . .	1	16	350,00	50,00	10,00	2,00	2,00
CA 476	<b>parthenium 'Golden Moss'</b> , 20 cm, white, compact, moss-like golden foliage, VI-IX, Z5-8 . . . . .	0,25	16	–	–	420,00	48,00	6,00
CA 482	<b>vulgare (CHRYSANTHEMUM) [Gold Sticks]</b> , Tansy, 100 cm, golden, VII-IX, Z3-8 ( <i>see also Organic-Seeds</i> ) . . . . .	2	15	144,00	24,00	6,00	2,00	2,00
<b>TARAXACUM</b> (Asteraceae, <i>Compositae</i> )								
NEW! TA 012	<b>albidum</b> , White Dandelion, 30 cm, pure white flowers, rare, V-X, Z3-9 . . . . .	3	16	–	–	138,00	16,00	3,80
TA 008	<b>officinale</b> , Dandelion (Pu-Gong-Ying), 30 cm, yellow, V-X, Z3-9, TCM plant ( <i>see also Organic-Seeds</i> ) . . . . .	2	16	124,00	24,00	6,00	2,00	2,00
NEW! TA 013	<b>pseudoroosum</b> , Pink Dandelion, 30 cm, pink with apricot-colored center, rare, V-X, Z3-9 . . . . .	3	16	–	–	138,00	16,00	3,80
<b>TEUCRIUM</b> (Lamiaceae, <i>Labiateae</i> )								
TA 030	<b>chamaedrys hort.</b> , Wall Germander, 30 cm, pink, evergreen, glossy foliage, VI-VIII, Z4-8 . . . . .	3	15	–	220,00	26,00	3,80	2,00
<b>THYMUS</b> (Lamiaceae, <i>Labiateae</i> )								
	<b>fragrantissimus</b> - see <i>Organic Seed</i>							
TA 126	<b>mastichina</b> , Mastic Thyme, Spanish Wood Marjoram, 30 cm, white, grey-green aromatic foliage, V-VIII, Z6-9 . . . . .	1	16	–	–	82,00	9,80	3,90
TA 130	<b>pulegioides</b> , Greater Wild Thyme, Field Thyme, 25 cm, mauve, VII-X, Z4-8 ( <i>see also Organic-Seeds</i> ) . . . . .	1	16	580,00	72,00	12,00	2,00	2,00
TA 134	<b>serpyllum hort.</b> , Shepherd's Thyme, 15 cm, purple-violet, V-IX, Z4-8 ( <i>see also Organic-Seeds</i> ) . . . . .	1	15	860,00	140,00	24,00	3,80	2,20
TA 144	<b>vulgaris 'French Summer'</b> , French Thyme, 30 cm, pinkish-white, grey narrow leaves, VI-IX, Z7-10 ( <i>see also Organic-Seeds</i> ) . . . . .	1	15	484,00	88,00	16,00	2,90	2,00
TA 142	<b>vulgaris 'Standard Winter'</b> , Common Thyme, 20 cm, white-pink, VI-IX, Z5-9 ( <i>see also Organic-Seeds</i> ) . . . . .	1	15	242,00	44,00	8,00	2,00	2,00
TA 146	<b>zygis</b> , Spanish Thyme, 30 cm, white, pubescent aromatic foliage, evergreen, VI-VIII, Z6-9 ( <i>see also Organic-Seeds</i> ) . . . . .	0,5	16	–	–	82,00	9,80	3,90
<b>TRIGONELLA</b> (Papilionaceae, <i>Leguminosae</i> )								
TA 221	<b>caerulea</b> , Sweet Trifoli, 40 cm, blue, VI-VII, Z5-11, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	10	16	78,00	18,00	6,00	2,00	2,00
TA 223	<b>foenum-graecum</b> , Fenugreek, Greek Clover (Hu-Lu-Ba), 50 cm, yellowish-white with violet, trifoliated foliage, VI-VII, Z5-11, TCM plant, ☺ ( <i>see also Organic-Seeds</i> ) . . . . .	40	15	24,00	6,00	4,00	2,00	2,00
<b>TROPAEOLUM majus</b> - see <i>Organic Seed</i>								
<b>TUSSILAGO</b> - see <i>Organic Seed</i>								
<b>URTICA</b> - see <i>Organic Seed</i>								
<b>VACCINIUM</b> (Ericaceae)								
VA 006	<b>macrocarpon</b> , Cranberry, 40 cm, light purple, evergreen, large red berries, 1-2 cm Ø, evergreen, VI-VIII, Z2-9, . . . . .	4	1	–	384,00	48,00	6,00	3,00
VA 008	<b>myrtillus</b> , Blueberry, 30 cm, light-green shoots, black-blue berries, IV-VI, Z3-8, ( <i>see also Organic-Seeds</i> ), . . . . .	1	16	–	192,00	24,00	3,00	2,00
VA 012	<b>vitis-idaea</b> , Mountain Cranberry, 15 cm, white to pink, evergreen groundcover, for partial shade or sun with sufficient moisture, V-VI, Z2-7 ( <i>s. also Organic-Seeds</i> ), . . . . .	1	8	–	192,00	24,00	3,00	2,00



TANACETUM parthenium 'Golden Moss'



VACCINIUM macrocarpon



VALERIANA officinalis 'BLBP 19'



VIOLA tricolor



VERBENA officinalis var. grandiflora 'Brampton'

		Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>VALERIANA (Valerianaceae)</b>									
VA 024	<b>officinalis</b> , Common Valerian, 100 cm, white to pale pink, V-IX, Z3-9 <i>(see also Organic-Seeds)</i> .....	⑧ ⑨ ⑩ ⑪	10	16	520,00	72,00	12,00	2,00	2,00
VA 026	<b>officinalis 'BLBP 19'</b> , Valerian, 80 cm, pinkish white umbels, pinnatifid foliage, high content of essential oil, valeric acid and extract, very high root yield, semi-coarse root structure, VI-VIII, Z3-9 <i>(see also Organic-Seeds)</i> .....	⑧ ⑨ ⑩ ⑪	5	16	1568,00	224,00	32,00	4,50	4,50
<b>VERBASCUM (Scrophulariaceae)</b>									
VA 060	<b>bombyciferum</b> - see <b>Organic Seed</b> <b>densiflorum (thapsiforme)</b> , Large-flowered Mullein, 100 cm, lemon yellow with dark center, VII-VIII, Z4-7, ☺ <i>(see also Organic-Seeds)</i> .....	⑧ ⑨ ⑩ ⑪	1	15	168,00	24,00	6,00	2,00	2,00
<b>VERBENA (Verbenaceae)</b>									
VA 104	<b>bonariensis</b> - see <b>Organic Seed</b> <b>hastata</b> , American Verbain, 120 cm, mostly blue, also pink and white, VI-IX, Z3-8 <i>(see also Organic-Seeds)</i> .....	⑧ ⑨ ⑩ ⑪	2	8	-	135,00	18,00	2,50	2,00
VA 102	<b>officinalis</b> , Common Verbain (Ma-Bian-Cao), 60 cm, pale lilac, VI-IX, Z3-8, TCM plant <i>(see also Organic-Seeds)</i> .....	⑧ ⑨ ⑩ ⑪	1	8	860,00	144,00	18,00	2,40	2,00
NEW! VA 103	<b>officinalis var. grandiflora 'Brampton'</b> , Common Verbain, 60 cm, lavender to light purple, rich flowering, deep purple foliage, richly branched ornamental foliage plant, VII-IX, Z4-9 .....	⑧ ⑨ ⑩ ⑪	1	8	-	-	-	18,00	4,80
<b>VERONICA (Scrophulariaceae)</b>									
VA 154	<b>officinalis</b> , Common Speedwell, 15 cm, light blue, V-VI, Z3-8 <i>(see also Organic-Seeds)</i> .....	① ⑩	0,5	9	588,00	98,00	14,00	2,00	2,00
<b>VERONICASTRUM (LEPTANDRA) (Scrophulariaceae)</b>									
VA 180	<b>virginicum f. albiflorum</b> , Black Root, Physic Root, 175 cm, white, rarely light blue, VII-IX, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> .....	⑩	0,5	9	-	260,00	34,00	4,20	2,00
<b>VIOLA (Violaceae)</b>									
VA 274	<b>tricolor</b> , Wild Pansy, 30 cm, purple-yellow-white colour variants, bushy growth, mostly short-lived, IV-IX, Z3-9 <i>(see also Organic-Seeds)</i> .....	⑧ ⑨ ⑩ ⑪	2	15	480,00	72,00	12,00	2,00	2,00
<b>VITEX (Verbenaceae)</b>									
VA 250	<b>agnus-castus</b> , 100 cm, bright blue, blooms from one-year shoots when protected in winter. Cut back before covering for winter, IX-X, Z6-10 <i>(see also Organic-Seeds)</i> .....	⑧ ⑩	25	20	128,00	32,00	8,00	2,00	2,00

This new range of certified organic seeds contains a selection of our most popular culinary and medicinal herbs and teas. (Certification in compliance with EU Regulation No. 834/2007 + 889/2008).

The seeds are identified by an "O" for "organic" as the second letter of our item code.

Our company is listed under the No. D-NI-006-17409-BCD / DE-ÖKO-006-Kontrollstelle (German certification body) and is subject to annual examination on the basis of which an EU organic food certificate is issued.

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Our certificate/Documentary Evidence according Art. 29 can be downloaded at [www.jelitto.com](http://www.jelitto.com).

Please check with your local authority to determine if our EU certificate/Documentary Evidence is valid in your country.

As ultimate consumer you are in a position to choose the seeds you buy, with or without valid certification. It is up to you to make a contribution towards healthy, ecological products.

			Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:				
					from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>ACHILLEA</b> (Asteraceae, Compositae)									
A0 028	<b>millefolium, wild form</b> , Yarrow, 40 cm, white, VI-X, Z2-9	① ⑧ ⑩	1	15	360,00	48,00	12,00	3,00	2,00
A0 033	<b>millefolium 'Proa'</b> , 40 cm, pure white, uniform habit, tetraploid cultivar, high oil concentration, VI-VIII, Z2-9	① ⑧ ⑩	1	15	768,00	96,00	12,00	3,00	2,00
A0 041	<b>nobilis</b> , Noble Yarrow, 50 cm, cream-yellow, for dry places, VI-IX, Z5-7	④ ⑧ ⑨ ⑩	1	15	1380,00	240,00	32,00	4,20	2,00
<b>ACMELLA</b> (Asteraceae, Compositae)									
A0 077	<b>oleracea f. purpurea (SPILANTHES)</b> [Bull's Eye, Electric Buttons, Peek-A-Boo], Purple leaved Paracress, Toothache Plant, 30 cm, brown-yellow flower buds, bronze-green foliage, V-IX, Z9-11	④ ⑩	1	15	–	–	388,00	48,00	4,20
<b>AGASTACHE</b> (Lamiaceae, Labiateae)									
A0 144	<b>aurantiaca</b> [Apricot Sprite, Navajo Sunset], 45 cm, brilliant light orange, silvery, aromatic foliage, VI-IX, Z5-9	④ ⑦ ⑧	2	15	–	–	242,00	28,00	6,20
A0 154	<b>foeniculum (anisata hort.)</b> , True Anise-Hyssop, 70 cm, blue, dark green foliage, silvery underneath, true, VII-IX, Z5-9	④ ⑦ ⑧ ⑩	1	15	–	760,00	96,00	12,00	3,20
A0 156	<b>rugosa</b> [Liquorice Blue, Blue Spike], (Hu Xiang), Blue Anis Hyssop, 60 cm, blue-lilac, aromatic, VI-IX, Z6-9, TCM plant	④ ⑦ ⑧ ⑩	2	15	–	96,00	24,00	6,40	2,20
NEW! A0 157	<b>rugosa f. albiflora</b> [Alabaster, Alba, Liquorice White, Snow Spike], White Anis Hyssop, 60 cm, pure white, VI-IX, Z6-9	④ ⑦ ⑧ ⑩	2	15	–	96,00	24,00	6,40	2,20
A0 162	<b>rugosa 'Korean Zest'</b> , Korean Mint, 50 cm, deep violet-blue, narrow blossom panicles, dark stems, compact, bushy habit, VII-IX, Z5-9	④ ⑦ ⑧ ⑩	1	15	–	760,00	96,00	12,00	3,60
A0 153	<b>rupestris</b> [Apache Sunset, Sunset Hyssop],  Sunset Hyssop, 60 cm, rose-orange, aromatic grey-green foliage, abundant flowering, for dry locations, VI-IX, Z6-10	④ ⑦ ⑧ ⑩	2	15	–	288,00	36,00	7,20	
<b>AGRIMONIA</b> (Rosaceae)									
A0 155	<b>eupatoria</b> , Common Agrimony, 50 cm, yellow, VI-VIII, Z3-8	① ⑧ ⑩	75	9	380,00	76,00	12,00	2,00	4,00
A0 173	<b>procera (odorata)</b> , Fragrant Agrimony, 100 cm, yellow, pinnatifid foliage, VI-IX, Z3-9	① ⑧ ⑩	100	9	–	118,00	22,00	4,20	9,80
<b>AGROSTEMMA</b> (Caryophyllaceae)									
A0 166	<b>githago</b> , Corn Cockle, 60 cm, purple-violet, VI-VIII, Z4-10, ☽	①	30	15	42,00	12,00	3,20	2,00	2,00
<b>AJUGA</b> (Lamiaceae, Labiateae)									
NEW! A0 161	<b>genevensis</b> , Upright Bugle, 15 cm, blue, IV-V, Z4-7	⑧ ⑩	10	9	–	480,00	64,00	8,00	3,60
A0 158	<b>reptans</b> , Creeping Bugle, 15 cm, blue, V-VI, Z3-9	⑧ ⑩	10	9	–	96,00	12,00	4,20	
<b>ALCEA (ALTHAEA)</b> (Malvaceae)									
A0 308	<b>rosea var. nigra</b> [Jet Black, Arabian Nights], Hollyhock, 180 cm, single, black-red, V-X, Z3-9	④ ⑦ ⑧ ⑩	25	15	480,00	96,00	12,00	2,00	2,00
<b>ALCHEMILLA</b> (Rosaceae)									
A0 178	<b>xanthochlora (vulgaris)</b> , Lady's Mantle, 50 cm, yellow-green, VI-VIII, Z3-8, pure seed	①	1	1	–	296,00	36,00	6,40	2,80
<b>ALLIUM</b> (Alliaceae, Liliaceae)									
A0 208	<b>fistulosum</b> , Welsh Onion (Cong-Bai), 40 cm, yellowish-white, very large hollow leaves, VII-VIII, Z4-7, TCM plant	④ ⑧ ⑩	5	15	576,00	96,00	16,00	2,80	2,00
A0 247	<b>ramosum (odorum)</b> , Fragrant Flowered Garlic, 40 cm, bell shaped white umbels, similar to A. tuberosum, but earlier flowering, VI-VIII, Z5-9	④ ⑧ ⑩	10	15	–	238,00	34,00	5,20	3,80
A0 241	<b>schoenoprasum</b> , Chives, 40 cm, lilac, V-VIII, Z3-9	④ ⑧	3	15	240,00	36,00	12,00	2,60	2,00



ACMELLA oleracea f. purpurea

AGRIMONIA procera

AGROSTEMMA githago

ALCEA rosea var. nigra

Perennial Herbs  
Culinary, Teas and  
Medicinal

Herb Seeds from  
Organic Production

		Gram to get 1000 plants	N° of the sowing directions	Prices in EURO net per:				
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>ALLIUM</b> <i>continuation</i>								
A0 239	<b>schoenoprasum 'Polyvit'</b> , Vegetable Chives, 40 cm, lilac, medium-sized leaves, upright, V-VIII, Z3-9	3	15	–	132,00	18,00	3,20	3,20
A0 260	<b>tuberosum</b> , Chinese Chives, Garlic Chives (Jiu-Zi), 50 cm, white, VI-IX, Z3-10, TCM plant	8	15	576,00	96,00	16,00	2,80	2,00
A0 258	<b>ursinum</b> , Wood Garlic, Bear Garlic, Ramsons, 25 cm, white, V, Z3-9	25	1	620,00	98,00	16,00	2,00	2,00
<b>ALTHAEA</b> (Malvaceae)								
NEW! A0 283	<b>cannabina</b> , Hemp Marsh Mallow, 180 cm, rose-lavender with dark eye, deeply lobed leaves, VII-IX, Z3-10	15	8	–	–	78,00	9,60	4,80
A0 282	<b>officinalis</b> , Marshmallow, 180 cm, pink, V-IX, Z3-10	10	8	448,00	64,00	9,20	2,60	2,00
<b>AMMI</b> (Apiaceae, <i>Umbelliferae</i> )								
A0 357	<b>visnaga (DAUCUS visnaga)</b> , Pick-Tooth, 60 cm, white umbels, densely feathered foliage, mostly annual, also for floral arrangements, VII-IX, Z6-10	2	15	396,00	82,00	16,00	3,20	2,00
A0 367	<b>pyrethrum</b> , Mount Atlas Daisy, Pelliitory, 40 cm, white, feathered foliage, short lived, IV-VI, Z5-9	2	15	–	896,00	128,00	16,00	2,00
A0 369	<b>pyrethrum var. depressus f. compactum 'Silberkissen' [Silver Kisses, Silver Cushion]</b> , 10 cm, white, essential compact and more dense than former variety, shorter side shoots, IV-VI, Z5-9	2	15	–	–	192,00	24,00	6,00
<b>ANCHUSA</b> (Boraginaceae)								
A0 378	<b>officinalis</b> , Alkanet, 70 cm, carmine to dark violet, VI-IX, Z4-9	10	7	–	186,00	26,00	3,80	3,80
<b>ANEMOPSIS</b> (Saururaceae)								
NEW! A0 534	<b>californica (HOUTTUYNIA)</b> , Yerba Mansa, 35 cm, white, broad, aromatic foliage, VI-VIII, Z4-8	1	9	–	–	–	28,00	3,80
<b>ANETHUM</b> (Apiaceae, <i>Umbelliferae</i> )								
A0 484	<b>graveolens</b> , Dill, 60 cm, yellow umbels, VI-VIII, Z6-10, ☽	4	15	98,00	24,00	6,00	2,00	2,00
<b>ANGELICA</b> (Apiaceae, <i>Umbelliferae</i> )								
A0 492	<b>archangelica</b> , Angelica, Holy Ghost, 180 cm, greenish-white to creamy umbels, VI-VIII, Z3-7	20	9	175,00	35,00	7,00	2,00	2,60
A0 494	<b>archangelica 'BLBP 01'</b> , Angelica, Holy Ghost, 180 cm, greenish-white umbels, high content of essential oil, very high root yield, very vigorous, low disease risk, VI-VIII, Z3-7	20	9	288,00	48,00	8,00	2,00	3,00



AMMI visnaga



ANACYCLUS pyrethrum



ARGEMONE platyceras



AQUILEGIA chrysanthia Denver Gold®



ARTEMISIA absinthium 'Silverado'

		Gram to get 1000 plants	Nº of the sowing directions	Prices in EURO net per:				
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>ANTHEMIS</b> (Asteraceae, <i>Compositae</i> )								
<b>nobilis</b> - see <b>CHAMAEMELUM nobile</b>								
AO 522 <b>tinctoria</b> ( <i>COTA</i> ), Dyer's Chamomile, 50 cm, golden, VII-IX, Z3-7 . . . . .	⑧ ⑨ ⑩	1	15	240,00	48,00	12,00	4,00	2,00
<b>ANTHOXANTHUM</b> (Poaceae, <i>Gramineae</i> )								
<b>odoratum</b> , Sweet Vernal Grass, 30 cm, V-VI, Z4-9, . . . . .	pure seed ⑧ ⑨ ⑩	5	15	360,00	72,00	12,00	2,00	2,00
<b>ANTHRISCUS</b> (Apiaceae, <i>Umbelliferae</i> )								
<b>cerefolium</b> ' <i>Fijne Krul</i> ', Chervil, 30 cm, white, double curled and productive foliage cultivar, VI-VIII, Z6-9, ⊖ . . . . .	⑧ ⑩	5	15	148,00	32,00	8,00	2,00	2,00
<b>ANTHYLLIS</b> (Papilionaceae, <i>Leguminosae</i> )								
AO 546 <b>vulneraria</b> , Kidney Vetch, 15-20 cm, yellow-orange, V-VI, Z4-9, . . . . .	pure seed ⑧ ⑩	8	8	–	160,00	22,00	3,20	3,20
<b>AQUILEGIA</b> (Ranunculaceae)								
AO 755 <b>chrysanthia Denver Gold®</b> , 80 cm, golden, robust and stable, reblooms after dead-heading, V-IX, Z3-8 . . . . .	⑥	3	15	–	–	72,00	9,00	3,60
AO 776 <b>vulgaris</b> , Granny's Bonnet, 50 cm, blue, V-VI, Z3-8 . . . . .	⑧ ⑩	5	16	980,00	128,00	16,00	2,00	2,00
<b>ARCTIUM</b> (Asteraceae, <i>Compositae</i> )								
AO 844 <b>lappa</b> , Great Burdock (Niu-Bang-Zi), 140 cm, panicles with purple flower heads, large leaves, VI-IX, Z2-9, TCM plant . . . . .	⑧ ⑩	30	15	192,00	48,00	12,00	4,00	4,00
<b>ARGEMONE</b> (Papaveraceae, <i>Fumariaceae</i> )								
NEW! AO 858 <b>platyceras</b> ( <i>mexicana</i> var. <i>aculeatissima</i> ), Prickly Poppy, 40 cm, white, bluish green foliage, VI-X, Z3-9, ⊖ . . . . .	⑧ ⑨ ⑩	10	1	–	120,00	22,00	3,60	2,00
<b>ARISTOLOCHIA</b> (Aristolochiaceae)								
AO 882 <b>clematitis</b> , Osterluzei, 80 cm, light yellow, poisonous, V-VII, Z5-9 . . . . .	⑩	80	1	448,00	64,00	9,20	2,00	5,20
<b>ARNICA</b> (Asteraceae, <i>Compositae</i> )								
AO 904 <b>chamissonis</b> , Leafy Leopard's Bane, 50 cm, yellow, abundant flowers, VI-VIII, Z2-8 . . . . .	⑧ ⑩	3	15	–	–	72,00	9,60	3,20
AO 908 <b>montana</b> , Arnica, Mountain Tobacco, 50 cm, golden, lime-free soil, V-VII, Z5-8 . . . . .	⑧ ⑩	5	15	–	280,00	34,00	6,40	3,20
<b>ARTEMISIA</b> (Asteraceae, <i>Compositae</i> )								
AO 915 <b>absinthium</b> , Common Wormwood, Absinthe, 80 cm, yellow, grey-green foliage, VI-VIII, Z3-9 . . . . .	⑦ ⑩	0,5	15	–	588,00	84,00	12,00	3,00
AO 919 <b>absinthium 'Silverado'</b> , 60 cm, yellowish flower spikes, grey-white feltlike broad pinnatifid foliage, aromatic, sturdy and compact habit, especially hardy and ornamental selection VII-VIII, Z3-9 . . . . .	⑦ ⑩	0,5	15	–	360,00	48,00	6,40	3,20
AO 918 <b>annua</b> , Sweet Annie (Qing Hao), 140 cm, yellowish-green, pinnatifid foliage, annual, VIII-X, Z6-10, TCM plant . . . . .	⑦ ⑩	0,5	15	–	686,00	98,00	14,00	3,80
AO 917 <b>dracunculus</b> , Russian Tarragon, 100 cm, greenish, lanceolate foliage, VI-VIII, Z2-9 . . . . .	⑧ ⑩	1	15	–	172,00	22,00	2,80	2,00
<b>ASCLEPIAS</b> (Asclepiadaceae)								
AO 984 <b>tuberosa</b> , Butterfly Weed, 70 cm, orange, VI-VIII, Z3-8 . . . . .	⑧ ⑩	15	9	–	320,00	40,00	6,00	4,50
<b>ASTRAGALUS</b> (Papilionaceae, <i>Leguminosae</i> )								
AO 148 <b>mongolicus</b> ( <i>membranaceus</i> var. <i>mongolicus</i> ) 'BLBP 04', Chinese Milkvetch (Huang Qi), 130 cm, light yellow flowers, inflated red tinged seed husks, pinnatifid foliage, erect growth, high content of astragalosid IV, high root yield, thick roots, VII-VIII, Z5-9, TCM plant . . . . .	⑧ ⑨ ⑩	20	8	–	144,00	24,00	4,00	2,00
<b>ATRIPLEX</b> (Chenopodiaceae, <i>Amaranthaceae</i> )								
AO 265 <b>hortensis</b> var. <b>rubra</b> , Red leaved Garden Orache, 120 cm, purplish-red, heart shaped foliage, reddish flower spikes, VII-IX, Z5-10, ⊖ . . . . .	pure seed ⑧ ⑩	10	15	520,00	76,00	16,00	2,80	2,80
<b>ATROPA</b> (Solanaceae)								
AO 188 <b>bella-donna</b> , Deadly Nightshade, 150 cm, brown-green, brilliant black berries, poisonous! VI-VIII, Z5-10 . . . . .	⑩	3	1	540,00	98,00	18,00	3,20	2,00
<b>BARBAREA</b> (Brassicaceae)								
BO 038 <b>vulgaris</b> , Rock Cress, Yellow Rocket, 60 cm, yellow, glossy green foliage, evergreen, V-VII, Z5-8 . . . . .	⑧ ⑨ ⑩	1	15	320,00	54,00	9,20	2,00	2,00
<b>BELAMCANDA</b> (Iridaceae)								
NEW! BO 026 <b>chinensis</b> [ <i>Freckle Face</i> ], Leopard Flower, 60 cm, large bowl-shaped flowers, orange with red-brown spots, VII-IX, Z5-9, TCM plant . . . . .	⑧ ⑩	60	7	–	240,00	40,00	6,80	6,80
<b>BELLIS</b> (Asteraceae, <i>Compositae</i> )								
BO 029 <b>perennis</b> , Common Daisy, English Daisy, 15 cm, white, II-VI, Z3-8 . . . . .	⑧ ⑨ ⑩	1	15	–	396,00	44,00	4,80	2,00
<b>BERLANDIERA</b> (Asteraceae, <i>Compositae</i> )								
BO 052 <b>lyriata</b> [ <i>Chocolate Drop</i> , <i>Chocolate Daisy</i> ], 25 cm, yellow, with chocolate fragrance, V-VII, Z5-10, . . . . .	pure seed ⑧ ⑩	10	15	–	660,00	78,00	9,40	4,80
<b>BLITUM</b> - see <b>CHENOPODIUM</b>								
<b>BORAGO</b> (Boraginaceae)								
BO 050 <b>officinalis</b> , Borage, 60 cm, blue, VI-IX, Z7-11, ⊖ . . . . .	⑧ ⑨ ⑩	50	15	198,00	32,00	6,00	2,00	2,00
BO 051 <b>officinalis</b> 'Alba', White Flowering Borage, 50 cm, pure white, VI-IX, Z7-11, ⊖ . . . . .	⑧ ⑨ ⑩	50	15	–	88,00	18,00	2,40	4,50



**ATRIPLEX** *hortensis* var. *rubra*



**BERLANDIERA** *lyriata*



**BORAGO** *officinalis* 'Alba'



**CARTHAMUS** *tinctorius*

	Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
			from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>BULBINE</b> (Asphodelaceae, <i>Liliaceae</i> ) BO 088 <b>frutescens</b> , Bulbine, Burn Jelly Plant, 40 cm, yellow-orange, succulent, fleshy leaves with characteristics similar to ALOE vera, V-IX, Z9-12 . . . . .	5	8	–	–	56,00	7,20	3,60	
<b>CALAMINTHA</b> (Lamiaceae, <i>Labiatae</i> ) CO 021 <b>nepeta</b> , Nepitella, Lesser Calamint, 40 cm, light blue-pink, permanent flowering, VII-IX, Z5-8 . . . . .	1	15	–	998,00	128,00	16,00	3,60	
<b>CALENDULA</b> (Asteraceae, <i>Compositae</i> ) CO 030 <b>officinalis</b> , Pot Marigold, 40 cm, yellow-orange, single to double, for the biological disinfection of soil, amount needed 5gr/m <sup>2</sup> , VII-X, Z5-10, ☼ . . . . .	25	15	98,00	18,00	4,00	2,00	2,00	
<b>CALLIRHOE</b> (Malvaceae) CO 041 ☼ <b>involucrata</b> var. <i>tenuissima</i> , 20 cm, bright pink, strongly pinnatifid foliage, VII-IX, Z4-9 . . . . .	20	14	–	480,00	60,00	7,60	7,60	
<b>CALLUNA</b> (Ericaceae) CO 040 <b>vulgaris</b> , Scots Heather, Ling, 30 cm, rose-lilac, VIII-IX, Z3-9, . . . . .	0,2	4/8	–	420,00	52,00	6,60	2,20	
<b>CALTHA</b> (Ranunculaceae) CO 044 <b>palustris</b> , Marsh Marigold, 30 cm, deep yellow, shiny green foliage, IV-V, Z3-7 . . . . .	4	2/3/18	–	294,00	42,00	6,00	2,00	
<b>CAMPANULA</b> (Campanulaceae) CO 220 <b>rapunculus</b> , Rampion, 70 cm, blossom panicles blue or white, VII-VIII, Z5-9 . . . . .	1	16	–	96,00	12,00	2,00		
<b>CARDAMINE</b> (Brassicaceae, <i>Cruciferae</i> ) CO 260 <b>pratensis</b> , Cuckoo Flower, 40 cm, pale lilac or white, III-V, Z3-7 . . . . .	2	15	–	375,00	48,00	6,00	3,00	
<b>CARDIOSPERMUM</b> (Sapindaceae) CO 267 <b>halicacabum</b> [Green Lanterns], Balloon Wine, Heart Pea, 180 cm, white, large green balloonlike inflated seed-pods, climbing, usually annual, V-X, Z9-11 . . . . .	150	16	480,00	96,00	16,00	2,40	5,80	
<b>CARLINA</b> (Asteraceae, <i>Compositae</i> ) CO 274 ☼ <b>acaulis</b> ssp. <i>caulescens</i> (simplex), Silver Thistle, 50 cm, large shiny white flowering heads with stem, VII-IX, Z3-9 . . . . .	15	15	–	384,00	48,00	6,00	6,00	
<b>CARTHAMUS</b> (Asteraceae, <i>Compositae</i> ) CO 268 ☼ <b>tinctorius</b> , Safflower, Dyer's Saffron (Hong-Hua), 50 cm, orange-yellow flower heads, VII-VIII, Z5-10, TCM plant, ☼ . . . . .	80	15	168,00	32,00	6,00	2,00	3,00	
<b>CARUM</b> (Apiaceae, <i>Umbelliferae</i> ) CO 271 <b>carvi</b> , Caraway, 60 cm, white, VI-VIII, Z2-9, ☼ . . . . .	10	15	46,00	12,00	6,00	2,00	3,00	
<b>CENTAUREA</b> (Asteraceae, <i>Compositae</i> ) CO 303 ☼ <b>atropurpurea</b> , 120 cm, deep purple, feathery foliage, VI-VIII, Z5-9 . . . . .	15	16	–	432,00	54,00	6,80	6,80	
CO 306 <b>cyanus</b> 'Bläue Gefüllte', Bachelor's Button, 50 cm, brilliant blue, double, VI-X, Z4-10, ☼ ☺ ☺ ☺	2	15	144,00	28,00	6,00	2,00	2,00	
<b>NEW!</b> CO 315 <b>cyanus</b> 'Double Mixture', Bachelor's Button, 50 cm, blue, pink and white colors, VI-X, Z4-10, ☼ ☹ . . . . .	2	15	180,00	36,00	7,20	2,00	2,00	
CO 320 <b>montana</b> , Perennial Cornflower, Mountain Bluet, 50 cm, blue, first year flowering, V-VII, Z3-9 . . . . .	35	16	–	–	72,00	9,60	3,20	
<b>CENTRANTHUS</b> (Valerianaceae) <b>NEW!</b> CO 348 <b>ruber</b> var. <i>coccineus</i> [Pretty Betsy], Red Valerian, 60 cm, light red, variable, V-VIII, Z5-8 ☺ ☺ ☺	5	16	–	768,00	96,00	12,00	3,20	
<b>CEPHALARIA</b> (Dipsacaceae) <b>NEW!</b> CO 354 <b>gigantea</b> , Giant Pincushion Flower, 200 cm, light yellow, scabiosa-like flowers, VI-VIII, Z4-7 . . . . .	50	9	–	288,00	36,00	4,60	4,60	
<b>CHAMAEMELUM</b> (Asteraceae, <i>Compositae</i> ) CO 368 <b>nobile</b> (ANTHEMIS), Roman Chamomile, 30 cm, silver-white, yellow disc, VI-VIII, Z4-9 . . . . .	1	15	–	216,00	36,00	6,00	2,00	

			Gram to get 1000 plants	Nº of the sowing directions	Prices in EURO net per:				
					from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>CHAMAENERION - see EPILOBIUM</b>									
CHAMOMILLA (MATRICARIA) (Asteraceae, Compositae)									
CO 386 <b>recutita</b> , German Chamomile, Scented Mayweed, Matricary, 40 cm, white with yellow disc, V-IX, Z5-10, ☼	.....	.....	0,5	15	292,00	46,00	9,20	2,00	2,00
CO 389 <b>recutita 'Zloty Lan'</b> , German Chamomile, Scented Mayweek, Matricary, 40 cm, white with yellow disc, tetraploid cultivar with high yields, large flowering, V-IX, Z5-10, ☼	.....	.....	0,5	16	292,00	46,00	9,20	2,00	2,00
<b>CHELIDONIUM (Papaveraceae)</b>									
CO 365 <b>majus</b> , Greater Celandine (Bai-Qu-Cai), 50 cm, golden flowers, V-IX, Z4-8, TCM plant.	....	.....	3	19	–	396,00	66,00	9,00	2,00
<b>CHENOPODIUM (Chenopodiaceae, Amaranthaceae)</b>									
CO 390 <b>bonus-henricus</b> , Good King Henry, 40 cm, greenish flowers, spinach-like leaves, V-IX, Z4-9,	.....	.....	5	15	720,00	120,00	20,00	3,40	2,00
CO 392 <b>capitatum (BLITUM)</b> , Strawberry Blite, 30 cm, red, triangular foliage, brilliant red berries, annual, VI-VIII, Z4-10.	.....	.....	0,5	15	–	980,00	128,00	16,00	4,00
CO 393 <b>foliosum (BLITUM virgatum) [Strawberry Sticks]</b> , True Strawberry Blite, 40 cm, reddish, small, triangular foliage, brilliant red berries, VI-VIII, Z4-10, ☼	.....	.....	2	15	–	580,00	84,00	12,00	3,20
<b>NEW!</b> CO 395 <b>quinoa</b> , Quinoa, 100 cm, reddish violet, leafy crop, VI-IX, Z4-10, ☼	.....	.....	5	15	54,00	18,00	6,00	2,00	2,00
<b>CHRYSANTHEMUM - see LEUCANTHEMUM + TANACETUM</b>									
<b>CICHORIUM (Asteraceae, Compositae)</b>									
CO 496 <b>intybus var. intybus</b> , Chicory, Succory, 80 cm, blue, VII-IX, Z2-9.	.....	.....	3	15	336,00	56,00	9,40	2,00	2,00
<b>CLEMATIS (Ranunculaceae)</b>									
CO 555 <b>integrifolia Mongolian Bells®</b> , PS, 35 cm, wide spectrum of colors, pink, white, lavender and blue, compact habit, V-IX, Z3-9,	.....	.....	10	9	–	448,00	64,00	8,20	5,00
<b>NEW!</b> CO 570 <b>vitalba</b> , Old Man's Beard, 300 cm, very high climbing, white, VII-IX, Z3-8	....	.....	20	1	–	96,00	15,00	2,40	2,00
<b>CNICUS (Asteraceae, Compositae)</b>									
CO 576 <b>benedictus (CENTAUREA)</b> , Blessed Thistle, 40 cm, yellow, VI-VIII, Z5-9, ☼	.....	.....	60	15	–	64,00	12,00	2,00	2,00
<b>COCHLEARIA (Brassicaceae)</b>									
CO 574 <b>officinalis</b> , Spoonwort, Scurvy Grass, 30 cm, white, spoon-like wintergreen foliage, V-VIII, Z5-8	.....	.....	2	15	–	132,00	22,00	3,60	2,00
<b>CODONOPSIS (Campanulaceae)</b>									
CO 582 <b>pilosula</b> , Tang Shen (Dong-Sen), up to 120 cm climbing, greenish yellow bellflowers, VI-IX, Z5-8, TCM plant	.....	.....	3	15	–	–	112,00	16,00	3,20



CENTAUREA atropurpurea



CHENOPODIUM bonus-henricus



CLEMATIS integrifolia Mongolian Bells®



CHENOPODIUM capitatum



CHENOPODIUM foliosum

		Gram to get 1000 plants	Nº of the sowing directions	Prices in EURO net per:					
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>COLCHICUM</b> (Colchicaceae, Liliaceae)									
CO 593 <b>autumnale</b> , Autumn Crocus, 15 cm, lilac, poisonous! VIII-X, Z4-7	.....	⑧⑩	30	6	576,00	96,00	12,00	2,00	2,00
<b>CORIANDRUM</b> (Apiaceae, Umbelliferae)									
CO 640 <b>sativum</b> , Coriander, 50 cm, white-pink umbels, VI-IX, Z5-10, ☼	.....	⑧⑨⑩	30	16	72,00	18,00	6,00	2,00	3,00
NEW! CO 643 <b>sativum 'Typ Dwarf Lemon'</b> , Lemon Coriander, 30 cm, white to soft pink, early blooming, fast fruiting, fresh fruity lemon aroma of leaf and grain, sturdy, compact habit, VI-VII, Z5-10, ☼	.....	⑧⑨⑩	50	15	96,00	18,00	6,00	2,00	3,00
CO 641 <b>sativum 'Type Slowbolt'</b> , Foliage Coriander, 50 cm, productive foliage selection, IX, Z5-10, ☼	.....	⑧⑨⑩	30	16	96,00	18,00	6,00	2,00	3,00
<b>COTA tinctoria</b> - see <b>ANTHEMIS tinctoria</b>									
<b>CRAMBE</b> (Brassicaceae, Cruciferae)									
CO 674 <b>maritima</b> , <small>(AGM) PS</small> , Sea Kale, 70 cm, white, blue-grey foliage, V-VII, Z5-8	.....	⑧	100	8	675,00	135,00	18,00	2,60	9,00
<b>CRYPTOTAENIA</b> (Apiaceae, Umbelliferae)									
NEW! CO 718 <b>japonica f. viridis</b> , Japanese Parsley, 60 cm, white, popular asian herb, V-VI, Z4-9	.....	⑧⑩	7,5	15	–	–	96,00	12,00	3,20
<b>CYNARA</b> (Asteraceae, Compositae)									
NEW! CO 704 <b>cardunculus ssp. flavescentis</b> , <small>(AGM)</small> , Cardoon, 100 cm, blue, excellent cut flowers, variable, VII-X, Z6-10	.....	⑧⑨⑩	80	15	288,00	42,00	7,20	2,00	3,60
CO 706 <b>cardunculus f. scolymus</b> Green Globe Typ [ <i>Imperial Star Typ</i> ], Vegetable Globe Artichoke, 120 cm, very large bright violet blossoms, purple coloured phyllaries, solid and heavy buds, thornless foliage. Semi-early flowering cultivar especially suited for floral arrangements, VII-X, Z6-10	.....	⑧⑨⑩	100	15	592,00	84,00	12,00	2,00	4,80
<b>CYNOGLOSSUM</b> (Boraginaceae)									
CO 709 <b>officinale</b> , Dog's Tongue, 75 cm, purple-blue, V-VII, Z5-9, ☼	.....	⑧⑩	60	8	320,00	64,00	12,00	2,40	4,80
<b>DIANTHUS</b> (Caryophyllaceae)									
DO 162 <b>carthusianorum</b> , Clusterhead Pink, 40 cm, purple-red, VI-IX, Z3-8	.....	⑧	3	15	–	240,00	32,00	4,00	2,00
DO 320 <b>superbus</b> , Fringed Pink, 45 cm, pink-soft lilac, fragrant, VI-IX, Z3-9	.....	⑧⑩	1	15	–	–	48,00	6,00	2,20
<b>DICTAMNUS</b> (Rutaceae)									
DO 340 <b>albus var. purpureus (fraxinella)</b> , <small>(AGM)</small> , Dittany (Bai-Xian-Pi), 80 cm, pink flowers with dark veins, white roots, V-VI, Z3-8, TCM plant	.....	⑩	40	19	–	240,00	32,00	4,20	4,20



**CNICUS benedictus**



**COCHLEARIA officinalis**



**CORIANDRUM sativum 'Typ Dwarf Lemon'**



**CRAMBE maritima**



**CYNARA scolymus Green Globe Typ**



**DIANTHUS superbus**



**DIGITALIS purpurea 'Berggold'**



**DORYCNIUM hirsutum**



**DRACOCEPHALUM moldavica**



**ECHINACEA pallida**



**ECHINACEA purpurea 'Magnus'**



**ECHINOPS ritro**



**ESCHSCHOLZIA californica mixed colours**

			Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
					from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>DIGITALIS (Scrophulariaceae)</b>										
DO 350	<b>ambigua (grandiflora)</b> , (AGM), Yellow Foxglove, 80 cm, with large yellow bellflowers, VI-VII, Z3-8, poisonous!	.....	①	1	15	–	240,00	34,00	5,20	2,00
DO 366	<b>lanata [Café Crème]</b> , Woolly Foxglove, 80 cm, white-brown, VI-VIII, Z6-9, poisonous!	.....	①	1	15	–	198,00	30,00	4,20	2,00
DO 386	<b>purpurea</b> , Common Foxglove, 120 cm, red, rarely white, VI-VII, Z4-8, poisonous!	.....	⑧ ⑩	1	15	288,00	48,00	8,00	2,00	2,00
DO 383	<b>purpurea 'Berggold'</b> , Red Foxglove, 140 cm, red, productive foliage, variety with high content of Digitalin in the seeds, good hardy, VI-VII, Z3-8, poisonous!	.....	⑧ ⑩	1	15	560,00	96,00	16,00	2,80	2,00
<b>DIPLOTAXIS (Brassicaceae, Cruciferae)</b>										
DO 406	<b>tenuifolia (RUCOLA silvatica)</b> , Italian Wild Arugula, Sylvetta, 30 cm, yellow, robust and aromatic, strongly pinnatifid dark-green foliage, perennial, V-X, Z5-9	.....	⑧ ⑩	1	15	236,00	48,00	10,00	2,00	2,00
<b>DIPSACUS (Dipsacaceae)</b>										
DO 416	<b>sylvestris (fullonum)</b> , 200 cm, lilac, excellent for dry flower bouquets, VII-VIII, Z3-9	.....	①	10	15	320,00	78,00	18,00	3,60	2,00
<b>DORYCNIUM (LOTUS) (Papilionaceae, Leguminosae)</b>										
DO 442	<b>hirsutum</b> , (AGM), 40 cm, pink, silky-silvery leaves, very decorative, VII-IX, Z6-10	.....	⑥	10	9/10	–	460,00	62,00	8,00	6,00
<b>DRACOCEPHALUM (Lamiaceae, Labiateae)</b>										
DO 461	<b>moldavica</b> , Moldavian Dragonhead, Moldavian Balm, 40 cm, blue, selected form with high content of oil and high foliage yields, VII-VIII, Z6-10, ☀	.....	① ⑩	5	15	198,00	32,00	5,20	2,00	2,00
<b>ECHINACEA (RUDBECKIA) (Asteraceae, Compositae)</b>										
EO 003	<b>angustifolia</b> , Narrow Coneflower, up to 50 cm, pink to red, petals shorter but wider than E. pallida, with yellow pollen, VI-X, Z3-8	.....	⑧ ⑩	10	9	1340,00	192,00	24,00	3,60	3,60
EO 004	<b>pallida</b> , Pale Coneflower, 80 cm, pink, long hanging petals, with whitish pollen, VII-IX, Z3-8	.....	⑧ ⑩	15	15	398,00	68,00	14,00	2,40	2,40
EO 006	<b>paradoxa var. paradoxa</b> , 80 cm, bright yellow, very unusual, VII-X, Z4-9	.....	⑧ ⑩	15	9	–	192,00	24,00	3,60	3,60
RO 180	<b>purpurea (RUDBECKIA)</b> , Purple Coneflower, 100 cm, purple-rose, VII-IX, Z3-8	.....	⑧ ⑩	10	15	192,00	32,00	8,00	2,00	2,00
<b>NEW!</b> RO 182	<b>purpurea 'Magnus'</b> , (JEL (AGM (PPA)), Purple Coneflower, 100 cm, intense red, wide horizontal petals, very long lasting as a cut flower, VII-IX, Z3-8	.....	⑧ ⑩	10	15	1580,00	256,00	42,00	5,40	4,00
EO 008	<b>tennesseensis 'Rocky Top Hybr.'</b> , (JEL Tennessee Coneflower, 60 cm, pink, bent upward petals, lanceolate foliage, VII-IX, Z4-9	.....	⑧ ⑩	12	9	2520,00	360,00	48,00	6,00	4,50
<b>ECHINOPS (Asteraceae, Compositae)</b>										
EO 014	<b>ritro</b> , 100 cm, blue blossom heads, VII-IX, Z3-8,	.....	pure seed ⑧	50	15	432,00	72,00	12,00	2,00	3,20



**FRAGARIA vesca var. semp. 'Alexandria'**



**GALEGA officinalis 'Alba'**



**GERANIUM robertianum**



**HIBISCUS Moscheutos-Hybr. 'Galaxy'**

	Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
			from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>ECHIUM (Boraginaceae)</b>								
EO 015 ☼ <i>amoenum (russicum f. nanum) 'Red Feathers'</i> , ☐☒, 35 cm, russet-red compact flower spikes, narrow foliage, reblooms after dead-heading, V-VIII, Z3-9 .....	⑧⑩	5	15	–	–	144,00	18,00	6,00
EO 017 ☼ <i>russicum (rubrum)</i> , Russian Bugloss, 60 cm, dark red flower panicles, VI-VIII, Z5-8. ....	⑧⑩	5	15	–	720,00	90,00	12,00	4,80
EO 020 <i>vulgare</i> , Common Viper's Bugloss, 80 cm, brilliant blue, V-VIII, Z3-11, ☐ .....	⑧⑩	5	9	–	98,00	16,00	2,80	2,00
<b>EPILOBIUM (Onagraceae)</b>								
EO 030 ☼ <i>angustifolium (CHAMAENERION)</i> , Rosebay Willowherb, Fire Weed, 110 cm, lilac-rose, VI-IX, Z2-7. ....	⑧⑨⑩⑪	1	15	1790,00	256,00	32,00	4,00	2,00
EO 042 <i>hirsutum</i> , 70 cm, wine-red, VI-VIII, Z3-9. ....	⑧⑨	1	15	–	256,00	32,00	4,00	2,00
<b>ERUCA (Brassicaceae, Cruciferae)</b>								
EO 135 ☼ <i>vesicaria ssp. sativa</i> , Italian Rocket Salad, Arugula, 30 cm, white-yellow, pinnately lobed leaves, V-VII, Z6-9, ☐ .....	⑧⑩	10	15	96,00	24,00	6,00	2,00	2,00
<b>ERYNGIUM (Apiaceae, Umbelliferae)</b>								
EO 165 ☼ <i>maritimum</i> , Sea Holly, 40 cm, blue-green, silver-grey foliage, VI-X, Z4-10 .....	⑧⑨⑩⑪	50	9	2060,00	294,00	36,00	4,50	9,00
<b>ESCHSCHOLZIA (Papaveraceae)</b>								
EO 310 <i>californica</i> , California Poppy, 30 cm, yellow-orange, VI-X, Z5-10, ☐-☐ .....	⑧⑩	5	15	540,00	70,00	8,60	2,00	2,00
NEW! EO 320 ☼ <i>californica mixed colours</i> , California Poppy, 30 cm, yellow, orange, rose and red shades, VI-X, Z5-10, ☐-☐ .....	⑧⑩	5	15	–	96,00	15,00	2,60	2,00
<b>EUPATORIUM (Asteraceae, Compositae)</b>								
EO 200 <i>cannabinum</i> , Hemp Agrimony, 130 cm, reddish, VI-IX, Z4-8 .....	⑧⑩	2	9	1980,00	288,00	42,00	6,00	3,20
<b>EUPHORBIA (Euphorbiaceae)</b>								
EO 232 <i>lathyris</i> , 90 cm, yellow-green, decorative, crosswise arranged foliage, VI-VIII, Z5-9, ☐ .....	⑧	100	1	–	72,00	12,00	2,00	5,20
<b>FILIPENDULA (Rosaceae)</b>								
FO 018 <i>ulmaria</i> , Meadowsweet, 150 cm, yellowish-white, VI-VIII, Z3-7 .....	⑧⑨⑩⑪	5	9	660,00	112,00	18,00	3,00	2,00
<b>FOENICULUM (Apiaceae, Umbelliferae)</b>								
FO 008 <i>vulgare</i> , Fennel (Hui-Xiang), 120 cm, yellow umbels, VII-IX, Z6-9, TCM plant .....	⑧⑨⑩⑪	30	15	72,00	18,00	6,00	2,00	2,00
FO 024 <i>vulgare 'Purpureum' (Rubrum) [Smokey, Deco, Bronze]</i> , Bronze Leaved Fennel, 80 cm, yellow, VII-IX, Z6-9 .....	⑧⑨⑩⑪	30	15	1240,00	178,00	26,00	3,60	2,80
<b>FRAGARIA (Rosaceae)</b>								
FO 023 ☼ <i>vesca</i> , Woodland Strawberry, 20 cm, white, mostly stoloniferous, V-VI, Z4-8 .....	⑧⑨⑩⑪	3	16	2048,00	252,00	32,00	4,20	2,40
FO 011 ☼ <i>vesca var. semperflorens 'Alexandria'</i> , Alpine Strawberry, 20 cm, white, productive variety, mostly elongated red berries, without stolons, V-IX, Z4-8 .....	⑧⑨⑩⑪	3	16	–	480,00	60,00	8,00	2,00
<b>GALEGA (Papilionaceae, Leguminosae)</b>								
GO 030 <i>officinalis</i> , Goat's Rue, 100 cm, lilac with bluish banner, abundant and long blooming, VII-IX, Z3-7 .....	⑧⑨⑩⑪	20	16	–	136,00	24,00	4,00	2,80
NEW! GO 031 ☼ <i>officinalis 'Alba'</i> , 80 cm, pure white, bushy, upright habit, VII-IX, Z3-7 .....	⑧⑨⑩⑪	20	8	–	–	48,00	6,40	4,20
<b>GALIUM (Rubiaceae)</b>								
GO 035 <i>odoratum (ASPERULA odorata)</i> , Sweet Woodruff, 15 cm, white, V-VI, Z4-7, .pure seed ☐☒⑩⑪	⑧⑩⑪	30	1	–	280,00	36,00	5,20	3,60
GO 036 <i>verum</i> , Lady's Bedstraw, 30 cm, yellow, abundant flower panicles, V-IX, Z3-7 .....	⑧⑩⑪	5	15	360,00	64,00	12,00	2,20	2,00
<b>GENTIANA (Gentianaceae)</b>								
GO 086 ☼ <i>asclepiadea</i> , ☐☒, Willow Gentian, 40 cm, dark blue, grows upright, blossoms axillary, VII-IX, Z3-7 .....	⑧	1	1	–	–	192,00	24,00	4,80
GO 134 ☼ <i>lutea</i> , Yellow Gentian, Bitterwort, 100 cm, pure yellow, especially decorative and long lasting, VI-VIII, Z3-7 .....	⑧⑩	5	1	920,00	154,00	26,00	4,20	2,80
<b>GERANIUM (Geraniaceae)</b>								
GO 220 ☼ <i>robertianum</i> , Herb Robert, 40 cm, purple-rose, forms rosettes, IV-X, Z4-9, ☐ .....	⑧⑩	5	16	–	450,00	60,00	8,00	4,00

			Gram to get 1000 plants	Nº of the sowing directions	Prices in EURO net per:				
					from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>GEUM</b> (Rosaceae)									
GO 262	<b>urbanum</b> , Wood Avens, St. Benedict's Herb, 30 cm, yellow, V-X, Z5-9 . . . . .	⑧ ⑨ ⑩	10	9	480,00	96,00	20,00	4,00	2,00
<b>GLAUCIUM</b> (Papaveraceae, Fumariaceae)									
GO 290	<b>flavum</b> , Horned Poppy, 50 cm, yellow-ochre, blue-grey foliage, VI-VII, Z6-9 . . . . .	⑨ ⑩	4	9	–	–	64,00	8,40	2,40
<b>GLECHOMA</b> (Lamiaceae, Labiateae)									
GO 296	<b>hederacea</b> , Ground Ivy, Alehoof, 20 cm, brilliant violet, dark green foliage, IV-V + IX-X, Z2-10 . . . . .	① ⑧ ⑩	2	1	2976,00	496,00	68,00	8,60	2,00
<b>GLYCYRRHIZA</b> (Papilionaceae, Leguminosae)									
GO 316	<b>echinata</b> , Roman Liquorice, 200 cm, lilac, VI-IX, Z7-10 . . . . .	⑧ ⑨ ⑩	20	9	–	442,00	68,00	9,60	9,60
GO 317	<b>glabra</b> , Spanish Liquorice, 120 cm, pale blue, VII-IX, Z7-10 . . . . .	⑧ ⑨ ⑩	20	9	–	442,00	68,00	9,60	9,60
<b>GRINDELIA</b> (Asteraceae, Compositae)									
GO 324	<b>robusta (camporum)</b> , Gumplant, Gumweed, 100 cm, yellow umbels, VI-VIII, Z6-10 . . . . .	⑧ ⑩	5	15	–	–	–	7,20	3,60
<b>HELICHRYSUM</b> (Asteraceae, Compositae)									
HO 082	ITALICUM, (AGM), Italian Everlasting, Curry Plant, 50 cm, yellow, silvery grey-green foliage, VI-VIII, Z7-10 . . . . .	⑧ ⑩	0,5	15	–	–	196,00	28,00	6,00
<b>HIBISCUS</b> (Malvaceae)									
HO 212	Moscheutos-Hyb. 'Galaxy', 120 cm, very large flowering mixture with exceptional colour display, blossoms up to 25 cm Ø, clear colours, white, light pink, rose, dark rose, light red, deep red, mostly with red center, strong and healthy foliage, strict upright habit, very hardy selection from Gilberg Farms, flowers the first year if sown early, VI-X, Z5-9 . . . . .	⑧ ⑩	30	20	–	–	58,00	7,20	3,60
<b>HIERACIUM</b> (Asteraceae, Compositae)									
NEW! HO 228	<b>pilosella (PILOSELLA officinarum)</b> , Hawkweed, 15 cm, yellow, grey felt-like, VI-VIII, Z4-10 . . . . .	⑧ ⑨ ⑩ ⑪	0,5	15	–	680,00	98,00	16,00	2,00
<b>HUMULUS</b> (Cannabaceae)									
HO 280	<b>lupulus</b> , 200 cm, Common Hops, greenish-yellow, hanging flowers, green foliage, VII-IX, Z4-9 . . . . .	⑧ ⑩	10	1	1470,00	245,00	40,00	6,80	6,80
<b>HYOSCYAMUS</b> (Solanaceae)									
HO 308	ITALICUM, Black Henbane, 50 cm, cream colored flowers with purple veins, V-IX, Z4-7, ☀, poisonous! . . . . .	⑩	2	9	–	310,00	36,00	4,20	2,00
<b>HYPERICUM</b> (Clusiaceae, Guttiferae)									
HO 336	<b>perforatum</b> , St. John's Wort, 60 cm, yellow, V-VIII, Z2-9 . . . . .	⑧ ⑩	2	16	252,00	42,00	9,20	2,00	2,00
HO 337	<b>perforatum 'Topas'</b> , 40 cm, yellow, higher hypericin concentration, V-VIII, Z2-9 . . . . .	⑧ ⑩	2	16	348,00	58,00	9,60	2,00	2,00
<b>HYSSOPUS</b> (Lamiaceae, Labiateae)									
HO 347	<b>officinalis</b> , Hyssop, 45 cm, mostly blue, rarely pink and white, VI-VIII, Z3-11 . . . . .	⑧ ⑨ ⑩ ⑪	5	15	288,00	48,00	12,00	2,00	2,00
<b>INULA</b> (Asteraceae, Compositae)									
IO 058	<b>helenium</b> , Elecampane, 150 cm, yellow, VII-X, Z3-8 . . . . .	⑧ ⑨ ⑩	5	15	–	346,00	48,00	8,00	4,20
<b>IRIS</b> (Iridaceae)									
IO 144	<b>pseudacorus</b> , (AGM), Pale Yellow Iris, 100 cm, VI-VII, Z3-9 . . . . .	⑧ ⑩	100	1/10	336,00	48,00	12,00	3,20	4,80
IO 167	<b>sibirica, wild form</b> , (AGM), Siberian Iris, blue, 70 cm, VI-VII, Z3-9 . . . . .	⑧ ⑩	30	1/10	576,00	96,00	12,00	3,20	3,20
IO 192	ITALICUM, Blue Flag Iris, 100 cm, blue-violet, V-VIII, Z3-8 . . . . .	⑧ ⑩	30	1/10	960,00	180,00	30,00	4,80	4,80
<b>ISATIS</b> (Brassicaceae, Cruciferae)									
IO 300	<b>tinctoria</b> , Woad (Ban Lan Gen), 60 cm, yellow, V-VII, Z6-9, TCM plant, ☀ . . . . .	pure seed ⑧ ⑩	3	15	–	–	78,00	14,00	4,80
<b>KNAUTIA</b> (Dipsacaceae)									
NEW! KO 030	<b>arvensis</b> , Blue Buttons, 50 cm, violet-blue, V-VIII, Z4-10 . . . . .	⑧ ⑨ ⑩	20	16	–	256,00	32,00	4,20	2,20
<b>LAVANDULA</b> (Lamiaceae, Labiateae)									
LO 070	<b>angustifolia (officinalis)</b> , True Lavender, 50 cm, blue, VII-IX, Z5-9 . . . . .	⑧ ⑨ ⑩ ⑪	5	9	588,00	84,00	12,00	2,00	2,00
LO 078	<b>angustifolia Munstead-Strain</b> , Lavender, 40 cm, blue, VII-X, Z5-9 . . . . .	⑧ ⑨ ⑩ ⑪	5	9	–	224,00	28,00	3,60	2,00
LO 082	<b>latifolia (spica)</b> , Common Lavender, 35 cm, blue-violet, aromatic, VI-VII, Z6-9 . . . . .	⑧ ⑨ ⑩ ⑪	5	9	1780,00	254,00	36,00	5,20	2,80
<b>LEONURUS</b> (Lamiaceae, Labiateae)									
LO 112	ITALICUM, True Motherwort, 120 cm, light red, VI-IX, Z3-9 . . . . .	⑧ ⑨ ⑩ ⑪	2	15	520,00	84,00	12,00	3,00	2,00
LO 115	<b>japonicus (heterophyllus, sibiricus) 'BLBP 02'</b> , Chinese Motherwort (Yi-Mu-Cao), 140 cm, lilac pink, whorled inflorescences, pinnatifid foliage, tetragonal stems, reliable first year flowering, high content of extract and flavonoids, high herb yield, VII-X, Z5-9, TCM plant, ☀ . . . . .	⑧ ⑨ ⑩ ⑪	3	16	980,00	180,00	30,00	5,00	2,50
<b>LEPIDIUM</b> (Brassicaceae, Cruciferae)									
LO 105	<b>sativum</b> , Garden Cress, 10 cm, white, uniform and fast growing cultivars, also suitable for outdoor field production, V-VII, Z5-11, ☀ . . . . .	⑧ ⑨ ⑩	10	15	26,00	6,00	4,00	2,00	2,00
<b>LEUCANTHEMUM</b> (Asteraceae, Compositae)									
NEW! CO 424	<b>vulgare (CHRYSANTHEMUM leucanthemum, irtutianum)</b> , Ox-eye Daisy, 60 cm, pure white with yellow disc, V-IX, Z2-8 . . . . .	⑧ ⑨ ⑩	3	15	480,00	80,00	14,00	2,40	2,00
<b>LEVISTICUM</b> (Apiaceae, Umbelliferae)									
LO 150	ITALICUM, Lovage, Love Parsley, 160 cm, yellow-green, VI-IX, Z3-9 . . . . .	⑧ ⑨ ⑩ ⑪	25	16	312,00	48,00	7,40	2,00	2,00

 Herbs Seeds from  
 Organic Production



**HYOSCYAMUS niger**



**IRIS versicolor**



**LOBELIA inflata**



**LYCIUM barbatum**

		Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:					
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>LINUM</b> (Linaceae)									
NEW! LO 335	perenne [Himmelszelt], Perennial Flax, blue, 40 cm, VI-VIII, Z5-8	⑧ ⑧ ⑧	10	15	–	288,00	36,00	4,80	2,00
<b>LOBELIA</b> (Campanulaceae)									
NEW! LO 366	inflata, Indian Tobacco, 50 cm, light blue, showy inflated seed heads, VI-VIII, Z4-9, ①	⑧ ⑧	0,15	16	–	396,00	48,00	6,00	2,00
<b>LUPINUS</b> (Papilionaceae, Leguminosae)									
NEW! LO 434	Perenniss-Hyb. Russellmixture' [Band of Nobles], 100 cm, VI-VIII, Z3-8	⑧	50	7/10	960,00	128,00	18,00	2,80	4,20
<b>LYCHNIS</b> (Caryophyllaceae)									
LO 484	flos-cuculi (SILENE), Ragged Robin, 40 cm, pink, V-VI, Z3-8	⑧ ⑧	0,5	16	–	160,00	22,00	3,00	2,00
<b>LYCIUM</b> (Solanaceae)									
LO 512	barbarum (chinense), Goji-Berry, Chinese Wolfberry (Gou-Qi-Zi, Di-Gu-Pi), up to 300 cm, lilac flowers, yellow to orangered berries, shrubby growth, VII-IX, Z5-9	⑧ ⑨ ⑩	2	16	–	720,00	96,00	13,20	6,60
<b>LYCOPUS</b> (Lamiaceae, Labiateae)									
LO 516	europaeus, Gypsywort, Bugleweed, 60 cm, white, bushy growth, VI-VIII, Z4-9	⑧ ⑧	1	1	–	160,00	20,00	2,60	2,00
<b>LYSIMACHIA</b> (Primulaceae)									
LO 527	vulgaris, Yellow Loosestrife, 80 cm, golden, VI-VIII, Z4-9	⑧ ⑧	1	9	–	160,00	20,00	2,60	2,00
<b>LYTHRUM</b> (Lythraceae)									
LO 530	salicaria [Rosy Gem, Red Beauties], Purple Loosestrife, 120 cm, carmine-pink, VI-IX, Z3-9	⑧ ⑧	1	9	920,00	128,00	16,00	2,00	2,00
<b>MALVA</b> (Malvaceae)									
MO 042	sylvestris, Common Mallow, High Mallow, 100 cm, violet, VI-IX, Z4-8	⑧ ⑨ ⑩ ⑧ ⑧	10	8	180,00	32,00	7,20	2,00	2,00
MO 043	sylvestris ssp. mauritiana [Bibor Felho], Blue Mallow, 100 cm, dark violet, VI-IX, Z4-8	⑧ ⑨ ⑩ ⑧ ⑧	10	8	180,00	32,00	7,20	2,00	2,00
MO 041	sylvestris 'Zebrina', 120 cm, white with violet, VI-IX, Z4-8	⑧ ⑨ ⑩ ⑧ ⑧	10	8	360,00	72,00	12,00	2,00	2,00
<b>MARRUBIUM</b> (Lamiaceae, Labiateae)									
MO 050	vulgare [Pompon], White Horehound, 40 cm, white, VI-VIII, Z3-9	⑧ ⑧ ⑧	5	15	520,00	96,00	16,00	2,80	2,00
<b>MATRICARIA</b> - see CHAMOMILLA									
<b>MELILOTUS</b> (Papilionaceae)									
MO 112	officinalis (arvensis), Yellow Melilot, Sweet Clover, 100 cm, yellow, VI-IX, Z4-10, p. seed	⑧ ⑧ ⑧	5	15	68,00	20,00	6,00	2,00	2,00
<b>MELISSA</b> (Lamiaceae, Labiateae)									
MO 098	officinalis, Lemon Balm, 40 cm, pale yellow, V-VII, Z3-9	⑧ ⑨ ⑩ ⑧ ⑧	3	16	360,00	64,00	12,00	2,20	2,00
MO 101	officinalis ssp. altissima, Crete Balm, Lime Balm, 60 cm, white, gently pubescent, lime-scented foliage, VI-VIII, Z4-10	⑧ ⑨ ⑩ ⑧ ⑧	3	15	–	720,00	120,00	16,00	4,00
MO 099	officinalis 'Lemonia', Lemon Balm, 40 cm, yellowish-white, good hardy, productive and protected foliage cultivar, dwarf creeping at first, 2nd year upright habit, very high yielding, IV-VI, Z4-10	⑧ ⑨ ⑩ ⑧ ⑧	3	16	860,00	122,00	18,00	3,20	2,00
MO 097	officinalis 'Quedlinburger Niederliegende', 40 cm, yellowish-white, productive foliage variety with high yields, first procumbent, second year upright habit, IV-VI, Z4-10	⑧ ⑨ ⑩ ⑧ ⑧	3	16	432,00	72,00	12,00	2,20	2,00
<b>MENTHA</b> (Lamiaceae, Labiateae)									
MO 085	aquatica, Water Mint, 50 cm, pink-lilac, entire plant strongly aromatic, VII-X, Z4-8	⑧ ⑨ ⑩ ⑧ ⑧	0,5	9	–	760,00	96,00	12,00	4,00
MO 103	cervina (PRESLIA), Water Spearmint, 20 cm, lilac, narrow leaves, highly aromatic, VI-IX, Z6-9	⑧ ⑨ ⑩ ⑧ ⑧	0,25	9	–	–	96,00	12,00	3,80
NEW! MO 104	cervina 'Alba' (PRESLIA), White Water Spearmint, 20 cm, white, lanceolate leaves, very aromatic, VI-IX, Z6-9	⑧ ⑨ ⑩ ⑧ ⑧	0,25	9	–	–	96,00	12,00	3,80
MO 087	pulegium, Pennyroyal, 20 cm, lilac, VI-VIII, Z6-10	⑧ ⑨ ⑩ ⑧ ⑧	0,5	16	2920,00	376,00	48,00	7,20	2,00
MO 089	Spicata-Hybr., Spearmint, Lamb Mint, 30 cm, pink-white, variable, VI-X, Z2-9	⑧ ⑨ ⑩ ⑧ ⑧	0,5	16	–	576,00	72,00	9,00	3,00
NEW! MO 091	suaveolens (rotundifolia hort.), Applemint, 30 cm, pink-white, rounded leaves, VII-IX, Z5-8	⑧ ⑨ ⑩ ⑧ ⑧	0,5	16	–	512,00	64,00	8,00	3,20

			Gram to get 1000 plants	Nº of the sowing directions	Prices in EURO net per:					
					from 1000 g	from 100 g	from 10 g	from 1 g	Portion	
<b>MONARDA</b> (Lamiaceae, <i>Labiateae</i> )										
MO 196	<b>didyma</b> , Bergamot, Bee Balm, Osmego-Tea, 110 cm, mostly red, VI-IX, Z4-8	.....	⑧ ⑨ ⑩ ⑪	3	15	–	2100,00	234,00	26,00	6,00
MO 208	<b>fistulosa</b> , Horsemint, Wild Bergamot, 80 cm, mostly lilac, for dry locations, VII-IX, Z4-8.	.....	⑧ ⑨ ⑩ ⑪	3	15	–	960,00	120,00	15,00	3,80
<b>MYRRHIS</b> (Apiaceae, <i>Umbelliferae</i> )										
MO 250	<b>odorata</b> , Sweet Cicely, Myrrh, Sweet Chervil, 120 cm, white umbels, entire plant aromatic, VI, Z4-8	.....	⑧ ⑨ ⑩	110	1	–	156,00	28,00	5,00	9,20
<b>NASTURTIUM</b> (Brassicaceae)										
NO 012	<b>officinale</b> , Watercress, 40 cm, evergreen, V-X, Z5-8	.....	⑧ ⑩	1	15	–	172,00	28,00	4,80	2,40
<b>NEPETA</b> (Lamiaceae, <i>Labiateae</i> )										
NO 020	<b>cataria</b> , Common Catmint, 60 cm, white, VI-X, Z3-8	.....	⑧ ⑨ ⑩ ⑪	3	9	320,00	54,00	9,00	2,00	2,00
NO 021	<b>cataria ssp. citriodora</b> , Lemon Catmint, 60 cm, white, lemon scented, VI-X, Z3-8	.....	⑧ ⑨ ⑩ ⑪	3	9	480,00	96,00	16,00	3,20	2,00
NO 024	<b>racemosa</b> ( <i>x faassenii</i> , <i>mussini</i> ), <small>(AGM)</small> , Catmint, 30 cm, light blue, blooms continuously, V-IX, Z3-8	.....	⑧ ⑩	3	15	–	336,00	42,00	5,40	2,00
<b>NIGELLA</b> (Ranunculaceae)										
NO 045	<b>sativa</b> , Black Cumin, Fennel Flower, 25 cm, white-bluish, fine foliage, inflated seed capsules, VI-VIII, Z5-11, ⊙	.....	⑧ ⑨ ⑩	10	15	78,00	16,00	4,00	2,00	2,00
<b>OCIMUM</b> (Lamiaceae, <i>Labiateae</i> )										
00 001	<b>americanum 'Limon'</b> , Lemon Basil, 40 cm, pale lilac-white, VI-IX, Z10-11, ⊙	.....	⑧ ⑩	4	15	–	80,00	18,00	2,60	2,00
NEW! 00 020	<b>basilicum 'Ararat'</b> , Red Spotted Basil, 40 cm, pink flowers, dark purple spikelets, purplish red stems, vigorous foliage, reddish violet speckled, unique anise-licorice flavor, VII-IX, Z10-11, ⊙	.....	⑧ ⑩	4	15	640,00	84,00	12,00	2,50	2,50
00 003	<b>basilicum 'Cinnamon'</b> , Cinnamon Basil, 40 cm, lavender-pink, green-purple foliage, VI-IX, Z9-11, ⊙	.....	⑧ ⑩	4	15	–	80,00	18,00	2,60	2,60
00 019	<b>basilicum 'Dark Opal'</b> , Purple-leaved Basil, 30 cm, pink, purple-black, delicate aromatic foliage, VI-IX, Z10-11, ⊙	.....	⑧ ⑩	4	15	640,00	84,00	12,00	2,50	2,50
00 017	<b>basilicum F<sub>1</sub>-Genoveser-Hyb. 'Adi'</b> , Pot-Plant Basil, 20 cm, fusarium resistant F <sub>1</sub> -Hyb., round, healthy foliage, VI-IX, Z10-11, ⊙	.....	⑧ ⑩	4	15	498,00	72,00	12,00	2,50	2,50
00 016	<b>basilicum F<sub>1</sub>-Genoveser-Hyb. 'Aroma 2'</b> , Large Sweet Basil, 50 cm, fusarium resistant F <sub>1</sub> -Hyb., white, large, round, healthy foliage, VI-IX, Z10-11, ⊙	.....	⑧ ⑩	4	15	498,00	72,00	12,00	2,50	2,50
00 004	<b>basilicum 'Genoveser'</b> , Large Sweet Basil, 50 cm, white, best for pesto, large round foliage, VI-IX, Z10-11, ⊙	.....	⑧ ⑩	4	15	136,00	34,00	9,00	3,00	2,00
00 006	<b>basilicum var. minutum</b> , Bush Basil, 20 cm, white, very compact, bushy habit, small leaves, excellent as pot plant, VII-X, Z10-11, ⊙	.....	⑧ ⑩	4	15	–	80,00	18,00	2,60	2,00
00 008	<b>basilicum 'Red Rubin'</b> , Purple-leaved Basil, 30 cm, pink-white, bronze-purple, excellent flavour, decorative foliage, VI-IX, Z10-11, ⊙	.....	⑧ ⑩	4	15	640,00	84,00	12,00	2,50	2,50
00 021	<b>basilicum var. thrysiflorum 'Thai'</b> , Thai Basil, 60 cm, red-purple, leaves with anise flavour, VII-IX, Z10-11, ⊙	.....	⑧ ⑩	3	15	498,00	72,00	12,00	2,50	2,50
<b>OENOTHERA</b> (Onagraceae)										
00 011	<b>biennis</b> , Evening Primrose, 80 cm, yellow, VI-VIII, Z3-8, ⊙	.....	⑧ ⑨ ⑩	5	9	180,00	36,00	9,60	2,00	2,00
<b>ORIGANUM</b> (Lamiaceae, <i>Labiateae</i> )										
00 087	<b>libanoticum</b> , <small>(P.S.)</small> , Cascading Hopflower Oregano, 25 cm, pink, bracts often purple, blue-green foliage, V-X, Z6-9	.....	⑧ ⑨ ⑩ ⑪	1	15	–	–	–	36,00	4,50
00 093	<b>majorana</b> , Sweet Marjoram, Garden Marjoram, 45 cm, white-pink, VI-VII, Z6-9, ⊙	.....	⑧ ⑨ ⑩ ⑪	2	15	720,00	120,00	22,00	3,80	2,00
00 091	<b>vulgare hort.</b> , Perennial Marjoram, 40 cm, pink, VII-X, Z4-8, 24	.....	⑧ ⑨ ⑩ ⑪	3	15	510,00	78,00	12,00	2,00	2,00
00 096	<b>vulgare ssp. hirtum (heracleoticum)</b> , Pizza Oregano, Greek Oregano, 45 cm, mostly white, rarely pink, intensive fragrance, compact, VII-X, Z4-8	.....	⑧ ⑨ ⑩ ⑪	3	15	–	288,00	36,00	6,00	2,00
<b>ORLAYA</b> (Apiaceae, <i>Umbelliferae</i> )										
00 097	<b>grandiflora [White Lace, White Finch]</b> , White Lace Flower, 60 cm, magnificent white umbels with large outer blossoms, feathered foliage, shortlived but outstanding, VI-IX, Z5-9	.....	⑧ ⑩	50	9	980,00	156,00	24,00	3,75	3,75
<b>PAEONIA</b> (Paeoniaceae)										
PO 003	<b> officinalis ssp. banatica</b> , Common Peony, 60 cm, red with yellow stamens, V-VI, Z5-8	.....	⑧ ⑩	250	6/10	960,00	120,00	15,00	2,00	9,00



MALVA sylvestris 'Zebra'

MENTHA aquatica

MENTHA cervina

MENTHA cervina 'Alba'



OCIMUM basilicum 'Ararat'



PAEONIA officinalis ssp. banatica



PULSATILLA pratensis ssp. nigricans



PULSATILLA vulgaris

		Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:				
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>PAPAVER</b> (Papaveraceae)								
PO 095	<b>rhoeas</b> , Corn Poppy, 50 cm, brilliant red, V-VIII, Z4-8, ☺	0,25	9	280,00	42,00	7,40	2,00	2,00
<b>PASTINACA</b> (Apiaceae, Umbelliferae)								
PO 152	<b>sativa</b> , Parsnip, 120 cm, yellow umbels, VII-VIII, Z4-8, ☺	7	8	–	216,00	36,00	6,00	3,00
<b>PENSTEMON</b> (Scrophulariaceae)								
PO 241	<b>pseudospectabilis</b> ,  Desert Beardtongue, 80 cm, intense deep pink, grey-bluish foliage, V-VII, Z5-9	2	9	–	640,00	86,00	9,60	4,80
<b>PERILLA</b> (Lamiaceae)								
PO 267	<b>frutescens</b> var. <b>crispa</b> ( <b>nankinensis</b> ) 'Red Shiso', Beefsteak Plant (Zi-Su-Ye), 50 cm, pink, purple-crinkled foliage, IX-X, Z7-11, TCM plant, ☺	3	16	–	–	48,00	6,20	3,10
<b>PETASITES</b> (Asteraceae, Compositae)								
PO 262	<b>hybridus</b> ( <b>officinalis</b> ), Butterbur, Umbrella Plant, 100 cm, purple-rose, III-IV, Z3-8	1	9	1340,00	192,00	24,00	3,20	2,00
<b>PETROSELINUM</b> (Apiaceae, Umbelliferae)								
PO 282	<b>crispum</b> var. <b>crispum</b> , Double Curled Parsley, 40 cm, yellow, double-crinkled foliage, VI-VIII, Z5-9, ☺	5	15	196,00	26,00	7,80	2,20	2,00
PO 284	<b>crispum</b> var. <b>neapolitanum</b> ( <b>hortense</b> ), Italian Parsley, Plain Parsley, 60 cm, yellow, plain glossy foliage, high yielding cultivar, VI-VIII, Z5-9, ☺	5	15	112,00	14,00	4,50	2,20	2,00
<b>PEUCEDANUM</b> (Apiaceae, Umbelliferae)								
PO 270	<b>ostruthium</b> , Masterwort, 60 cm, white or reddish, a very aromatic plant, VII-VIII, Z4-8	5	1	–	252,00	36,00	4,50	2,40
<b>PHACELIA</b> (Hydrophyllaceae)								
PO 278	<b>tanacetifolia</b> , Fiddleneck, 80 cm, blue-lilac, for the organic revitalisation of spent soil, 5gr/m <sup>2</sup> , VI-X, ☺	5	15	26,00	8,80	4,00	2,00	2,00
<b>PHYSALIS</b> (Solanaceae)								
PO 330	<b>alkekengi</b> var. <b>franchetii</b> 'Gigantea' [ <b>Winter Cherry</b> ], Chinese Lantern, Bladder Cherry, 100 cm, large, red fruits, VI-VII, Z3-9	5	9	–	216,00	36,00	6,00	3,00
<b>PIMPINELLA</b> (Apiaceae, Umbelliferae)								
PO 393	<b>anisum</b> , Anis, 40 cm, pink, VII-VIII, Z8-11, ☺	4	15	198,00	34,00	6,80	2,00	2,00
PO 392	<b>saxifraga</b> , Burnet Saxifrage, Small Pimpernel, 50 cm, white, rarely pink or red, VII-IX, Z4-8	3	16	480,00	68,00	12,00	2,00	2,00
<b>PLANTAGO</b> (Plantaginaceae)								
PO 387	<b>asiatica</b> , Asian Plantain (Che-Qian-Cao), 50 cm, greenish flowering spikes, very large leaves, VI-X, Z6-10, TCM plant	0,5	9	–	–	96,00	16,00	2,40
PO 399	<b>coronopus</b> 'Minutina', Buck's Horn Plantain, 15 cm, yellowish, pinnatifid foliage, mild nutty flavour, VI-IX, Z5-8, ☺	1	15	768,00	96,00	12,00	2,20	2,00
PO 398	<b>lanceolata</b> 'Libor', Ribwort Plantain, 50 cm, white, large leaved and productive, tetraploid cultivar, V-IX, Z5-8	5	15	126,00	36,00	12,00	4,00	2,00
PO 412	<b>major</b> , Common Plantain, 40 cm, yellowish-green, VI-X, Z4-8	5	9	294,00	42,00	14,00	4,00	2,00
PO 404	<b>major</b> 'Purpurea' (var. <b>rubrifolia</b> ), Red-leaved Plantain, 30 cm, white, very decorative, V-VII, Z3-9	1	9	–	580,00	96,00	16,00	3,40
<b>PLATYCODON</b> (Campanulaceae)								
NEW! PO 434	<b>grandiflorus</b> 'Mariesii',  Balloon Flower, Chinese Bellflower (Jie-Geng), 50 cm, blue, winterhardy cultivar, VI-VIII, Z3-8, TCM plant	3	15	–	360,00	46,00	5,80	2,20
<b>POLEMONIUM</b> (Polemoniaceae)								
PO 480	<b>caeruleum</b> [ <b>Blue Pearl</b> ], Jacob's Ladder, 60 cm, lavender-blue, abundant flowers, VI-VII, Z2-8	3	15	–	320,00	40,00	5,00	2,50
<b>POTENTILLA</b> (Rosaceae)								
NEW! PO 564	<b>argentea</b> , Silver leaved Conquefoil, 25 cm, yellow, silver-grey foliage, V-VIII, Z4-8	1	16	–	240,00	30,00	3,80	2,00
<b>PRIMULA</b> (Primulaceae)								
PO 910	<b>veris</b> ( <b>officinalis</b> ),  Cowslip, 20 cm, yellow, III-V, Z4-8	5	8	1180,00	160,00	22,00	3,40	2,00

		Gram to get 1000 plants	Nº of the sowing directions	Prices in EURO net per:				
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>PRUNELLA</b> (Lamiaceae, Labiateae)								
PO 950 <b>vulgaris 'BLBP 01'</b> , Allheal, Selfheal (Xia-Ku-Cao), 60 cm, blue-violet to reddish flowers in dense spikes, lanceolate foliage, with runners, high content of extract and ursolic-acid, high flower yield, VI-IX, Z3-8, TCM plant . . . . .	⑧ ⑩	2	15	–	294,00	42,00	6,00	2,00
<b>PULMONARIA</b> (Boraginaceae)								
PO 969 <b>officinalis (ssp. obscura)</b> , Jerusalem Cowslip, Lungwort, 25 cm, pink changing to violet, leaves mostly without spots, III-IV, Z4-8 . . . . .	⑧ ⑨ ⑩	15	1	1340,00	224,00	32,00	4,60	4,60
<b>PULSATILLA (ANEMONE)</b> (Ranunculaceae)								
PO 985 <b>pratensis ssp. nigricans</b> , Meadow Pasque Flower, 20 cm, dark purple, nodding flowers, IV-VI, Z4-8, . . . . .	pure seed ⑩	3	9	–	1530,00	192,00	24,00	7,20
PO 988 <b>vulgaris</b> ,  Pasque Flower, 30 cm, lilac to blue-violet, III-IV, Z5-8, . . . . .	pure seed ⑩	5	9	3580,00	448,00	56,00	7,20	3,60
<b>PYCNANTHEMUM</b> (Lamiaceae, Labiateae)								
PO 998 <b>pilosum</b> , American Mountain Mint, 70 cm, pale purple, aromatic foliage, VI-IX, Z4-8 . . . . .	⑧ ⑨ ⑩ ⑪	3	16	–	–	128,00	16,00	4,00
<b>RESEDA</b> (Resedaceae)								
RO 074 <b>lutea</b> , Cutleaf Mignonette, 35 cm, yellowish flower panicles, V-IX, Z5-9 . . . . .	⑧ ⑨ ⑩	2	9	–	78,00	16,00	3,60	2,00
<b>RHEUM</b> (Polygonaceae)								
RO 083 <b>rhabarbarum (x hybridum)</b> , Rhubarb, 120 cm, yellowish-white, large leaves, mostly red leafstalks, V-VI, Z2-9 . . . . .	⑩	60	15	336,00	48,00	8,00	2,00	3,20
RO 087 <b>rhabarbarum 'Glaskins Perpetual'</b> , Garden Rhubarb, 150 cm, reddish-green, bright red and luscious leafstalks, early and late harvest possible from the second year, long known productive variety, V-VII, Z2-9 . . . . .	⑩	60	15	672,00	96,00	18,00	3,00	4,80
RO 076 <b>rhabarbarum 'Victoria'</b> , Garden Rhubarb, 150 cm, green-reddish, thick green leaf stalks, large leaved late cultivar, V-VII, Z2-9 . . . . .	⑩	60	15	672,00	96,00	18,00	3,00	4,80
<b>RICINUS</b> (Euphorbiaceae)								
RO 109 <b>communis</b> , Castor Bean, 150 cm, green-white, large, green foliage, VIII-X, Z8-10, poisonous! ⑩	1000	8	240,00	60,00	12,00	2,00	6,40	
RO 112 <b>communis 'New Zealand Purple'</b> , Red-leaved Castor Bean, 120 cm, white, red fruits, bronze red foliage, compact habit, VIII-X, Z8-10, poisonous! . . . . .	⑩	350	8	580,00	148,00	28,00	4,80	12,00
<b>ROSMARINUS</b> (Lamiaceae, Labiateae)								
RO 130 <b>officinalis</b> , Rosemary, 120 cm, blue, V-VII, Z5-9 . . . . .	⑧ ⑨ ⑩ ⑪	10	8	–	540,00	62,00	6,90	3,80
<b>RUCOLA</b> - see DIPLOTAXIS								
<b>RUMEX</b> (Polygonaceae)								
RO 206 <b>acetosa</b> , Sorrel, Garden Sorrel, 50 cm, reddish-brown, V-VII, Z2-9 . . . . .	⑧ ⑩	5	15	432,00	72,00	12,00	2,00	2,00
RO 207 <b>acetosa 'De Belleville'</b> , Green Sorrel, 60 cm, reddish, large leaved, green, productive foliage variety, low content of acid, long known mild cultivated form, VI-VIII, Z2-9 . . . . .	⑧ ⑩	5	15	432,00	72,00	12,00	2,00	2,00
RO 210 <b>acetosella</b> , Sheep's Sorrel, 30 cm, reddish-green, V-VII, Z2-8 . . . . .	⑧ ⑩	2	9	360,00	48,00	6,40	2,20	2,20
RO 228 <b>sanguineus var. sanguineus [Bloody Dock, Red Halley, Ruby Streak]</b> , 40 cm, lanceolate leaves with distinct red-purple leaf veins, attractive foliage plant! V-VII, Z5-8, . . . . .	pure seed ⑩	2	15	1760,00	252,00	36,00	6,20	4,80
<b>NEW!</b> RO 238 <b>scutatus</b> , French Sorrel, 40 cm, whitish-green, shield shaped green juicy leaves with sour-lemon flavor, V-IX, Z4-8, . . . . .	pure seed ⑧ ⑩	3	16	–	–	72,00	12,00	4,80
RO 240 <b>scutatus ssp. glaucus 'Silver Leaf'</b> , Silver French Sorrel, 40 cm, greenish-pink, bluish-silvery foliage, juicy, mildly sour flavor, V-IX, Z4-8, . . . . .	pure seed ⑧ ⑩	3	16	–	–	96,00	16,00	5,20
<b>RUTA</b> (Rutaceae)								
RO 360 <b>graveolens</b> , Rue, Herb of Grace, 50 cm, yellow, evergreen, VI-VIII, Z5-9 . . . . .	⑧ ⑨ ⑩	10	16	864,00	144,00	24,00	6,00	3,00
<b>SALVIA</b> (Lamiaceae, Labiateae)								
SO 069 <b>hispanica</b> , Mexican Chia, 150 cm, blue, seldom white, green foliage, VII-VIII, Z9-11, ① ⑧ ⑨ ⑩	⑩	5	16	38,00	12,00	6,00	2,00	2,00
<b>NEW!</b> SO 079 <b>moorcroftiana x indica 'Shangri-La'</b> , , 70 cm, lavender blue, finely veined, large flowers in dense whorls, reblooming after deadheading, attractive leaf clumps, V-VIII, Z5-9 . . . . .	⑩	25	9	–	296,00	38,00	6,40	4,80
<b>NEW!</b> SO 036 <b>nemorosa</b> 'Violetkönigin' [Violet Queen, West-Friesland], Steppe Sage, 60 cm, violet, V-IX, Z4-8 . . . . .	⑧ ⑨ ⑩	3	15	–	480,00	60,00	7,60	2,60

Fortsetzung auf der nächsten Seite



RICINUS communis 'NZ Purple'



RUMEX scutatus ssp. glaucus 'Silver Leaf'



SALVIA hispanica



SALVIA moorcroftiana x ind. 'Shangri-La'



SANTOLINA chamaecyp. ssp. tomentosa



SATUREJA montana ssp. illyrica



TAGETES lucida



TANACETUM balsamita

		Gram to get 1000 plants	Nº. of the sowing directions	Prices in EURO net per:				
				from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>SALVIA</b> (Lamiaceae)								
SO 038	<b>officinalis</b> , Common Sage, 50 cm, lilac, aromatic, VI-VIII, Z4-10 . . . . .	20	15	296,00	48,00	7,20	2,00	2,00
SO 040	<b>officinalis 'Extrakta'</b> , Extract Sage, 60 cm, lilac, foliage with high oil concentration, VI-VIII, Z4-10 . . . . .	20	15	448,00	64,00	9,00	2,00	2,00
NEW! SO 046	<b>pratensis</b> , Meadow Sage, 60 cm, blue, VI-VII, Z3-8 . . . . .	5	15	1480,00	192,00	24,00	3,00	2,00
SO 058	<b>sclarea</b> , Clary, Muscatel Sage, 100 cm, rosy-red bracts, pale lilac flowers, branched blossom panicles, VI-VII, Z4-8, ☺ . . . . .	10	15	648,00	120,00	22,00	4,20	2,40
NEW! SO 059	<b>sclarea var. turkestanica 'Vatican Pink'</b> , Clary Sage, 75 cm, very large, white-pink bracts, compact and more attractive than the species, VI-VII, Z4-8 . . . . .	10	15	–	296,00	54,00	7,40	3,80
<b>SANGUISORBA</b> (Rosaceae)								
SO 088	<b>minor hort.</b> , Salad Burnet, Small Burnet, 60 cm, greenish flower heads, V-VIII, Z4-8 . . . . .	50	15	244,00	42,00	7,00	2,00	2,80
SO 098	<b>officinalis</b> , Great Burnet (Di-Yu), 60 cm, blood-red, VI-VIII, Z3-8, TCM plant. . . . .	3	16	–	196,00	28,00	4,60	2,00
<b>SANICULA</b> (Apiaceae, Umbelliferae)								
SO 110	<b>europaea</b> , Sanicle, 25 cm, white, V-VI, Z5-8 . . . . .	15	1	1960,00	280,00	36,00	6,00	4,20
<b>SANTOLINA</b> (Asteraceae, Compositae)								
SO 124	<b>chamaecyparissus ssp. tomentosa [Santa]</b> , Cotton Lavender, 25 cm, pale yellow, compact, silver foliage, VI-VIII, Z6-8 . . . . .	1	15	–	1296,00	144,00	16,00	4,60
<b>SAPONARIA</b> (Caryophyllaceae)								
SO 144	<b>officinalis</b> , Soapwort, 80 cm, pale pink, VI-IX, Z3-8. . . . .	8,0	1	360,00	64,00	12,00	2,20	2,00
<b>SATUREJA</b> (Lamiaceae, Labiateae)								
SO 158	<b>hortensis</b> , Summer Savory, 25 cm, lilac-white, VII-X, Z6-9, ☺ . . . . .	2	15	254,00	32,00	4,20	2,00	2,00
SO 163	<b>montana</b> , Winter Savory, 25 cm, white-pink, VIII-X, Z5-8, 24 . . . . .	3	15	960,00	120,00	16,00	2,40	2,00
SO 164	<b>montana ssp. illyrica (subspicata)</b> , ☺, Purple Winter Savory, 15 cm, bright violet, VIII-X, Z5-8 . . . . .	1	9	–	620,00	78,00	9,60	3,20
<b>SCABIOSA</b> (Dipsacaceae)								
NEW! SO 258	<b>ochroleuca (columbaria ssp. ochroleuca)</b> , Cream Pincushion, 80 cm, light yellow, VI-X, Z5-8 ☺ . . . . .	10	16	–	512,00	64,00	8,20	3,40
<b>SCUTELLARIA</b> (Lamiaceae, Labiateae)								
SO 308	<b>baicalensis</b> , Baical Scutellaria (Huang-Qin), 30 cm, blue, VII-IX, Z4-8, TCM plant. . . . .	5	15	–	620,00	78,00	9,60	3,80
<b>SEDUM</b> (Crassulaceae)								
SO 364	<b>reflexum (rupestre)</b> , Stone Orpine, 30 cm, yellow, grey leaves, VI-VIII, Z4-9. . . . .	0,5	4/15	–	–	64,00	8,20	2,90
<b>SIDERITIS</b> (Lamiaceae, Labiateae)								
SO 446	<b>syriaca</b> , South Greek Mountain Tea, 25 cm, yellow, white-grey foliage, VI-VIII, Z6-9 . . . . .	3	15	–	780,00	96,00	12,00	3,60
<b>SILENE</b> see also LYCHNIS (Caryophyllaceae)								
NEW! SO 454	<b>alba (latifolia)</b> , White Campion, 45 cm, white, V-X, Z5-8 . . . . .	5	15	–	144,00	24,00	4,20	2,00
NEW! SO 466	<b>dioica (MELANDRIUM rubrum)</b> , Red Campion, 80 cm, light purple-red, V-IX, Z5-8. . . . .	5	15	–	144,00	24,00	4,20	2,00
<b>SILYBUM</b> (Asteraceae, Compositae)								
SO 499	<b>mariannum</b> , St. Maria's Thistle, Blessed Thistle, Holy Thistle, 150 cm, purple, white marbled leaves, webbed stems and flower heads, VI-IX, Z6-9, ☺ . . . . .	50	15	192,00	48,00	12,00	2,00	4,80
<b>SOLIDAGO</b> (Asteraceae, Compositae)								
SO 586	<b>virgaurea</b> , European Goldenrod, 70 cm, yellow, VII-IX, Z4-8 . . . . .	3	15	1980,00	288,00	36,00	4,50	2,00
<b>STACHYS</b> (Lamiaceae, Labiateae)								
SO 622	<b>officinalis</b> , Betony, Bishopswort, 30 cm, pink, VII-VIII, Z4-7 . . . . .	5	8	–	260,00	36,00	4,80	2,40
<b>STEVIA</b> (Asteraceae)								
SO 655	<b>rebaudiana</b> , Sugar Leaf, Sweet Herb, 50 cm, white, soft and light-green foliage, IX-XI, Z9-11, . . . . .	0,5	16	–	7920,00	880,00	98,00	8,00

			Gram to get 1000 plants	Nº of the sowing directions	Prices in EURO net per:				
					from 1000 g	from 100 g	from 10 g	from 1 g	Portion
<b>SYMPHYTUM</b> (Boraginaceae)									
SO 720	<b>officinale</b> , Comfrey, 80 cm, violet or cream-colored, V-VII, Z4-8 . . . . .	⊗ ⊖ ⊙ ⊚	30	9	1360,00	172,00	22,00	3,20	3,20
<b>TAGETES</b> (Asteraceae, <i>Compositae</i> )									
TO 014	<b>lucida</b> , Mexican Tarragon, Yauhtli, 40 cm, yellow-orange flower umbels, lanceolate foliage, perennial in mild locations, VII-IX, Z8-10 . . . . .	⊗ ⊖ ⊙ ⊚	2	15	–	576,00	72,00	9,20	4,60
TO 015	<b>patula/erecta Mix</b> , French Marigold, 40 cm, yellow-orange, for the biological disinfection of soil, amount needed 2-3gr/m², VII-X, Z8-10, ⊖ . . . . .	⊗ ⊙	25	15	128,00	26,00	7,20	2,40	2,40
<b>TANACETUM</b> (Asteraceae, <i>Compositae</i> )									
TO 290	<b>balsamita</b> , Costmary, 60 cm, white, grey-green aromatic foliage, VII-VIII, Z5-8 . . . . .	⊗ ⊖ ⊙ ⊚	1	15	–	980,00	140,00	22,00	7,20
CO 384	<b>cinerariifolium (CHRYSANTHEMUM)</b> , Dalmatian Pelliory, 50 cm, semispheric-shaped, bright white, good for cutting, stems 40 cm, V-VII, Z6-10 . . . . .	⊗	3	15	–	336,00	42,00	5,60	2,80
CO 474	<b>parthenium (CHRYSANTHEMUM)</b> , Feverfew, 90 cm, white, well branched, perennial but often used biennial, VI-VIII, Z5-8 . . . . .	⊗ ⊙	1	15	892,00	126,00	22,00	3,60	2,40
CO 482	<b>vulgare (CHRYSANTHEMUM) [Gold Sticks]</b> , Tansy, 100 cm, golden, VII-IX, Z3-8 . . . . .	⊗ ⊖ ⊙	2	15	360,00	62,00	12,00	2,40	2,00
<b>TARAXACUM</b> (Asteraceae, <i>Compositae</i> )									
TO 008	<b>officinale</b> , Dandelion (Pu-Gong-Ying), 30 cm, yellow, V-X, Z3-9, TCM plant . . . . .	⊗ ⊖ ⊙	2	16	248,00	40,00	7,20	2,00	2,00
<b>THYMUS</b> (Lamiaceae, <i>Labiateae</i> )									
TO 120	<b>fragrantissimus</b> , Orange Thyme, 25 cm, pink, aromatic foliage, variable, VI-VII, Z6-9 . . . . .	⊗ ⊖ ⊙ ⊚	1	15	–	–	72,00	12,00	3,20
TO 130	<b>pulegioides</b> , Greater Wild Thyme, Field Thyme, 25 cm, mauve, VII-X, Z4-8 . . . . .	⊗ ⊖ ⊙	1	15	1160,00	144,00	24,00	4,00	2,00
TO 134	<b>serpyllum hort.</b> , Shepherd's Thyme, 15 cm, purple-violet, V-IX, Z4-8 . . . . .	⊗ ⊖ ⊙ ⊚	1	15	1740,00	216,00	36,00	6,00	3,40
TO 144	<b>vulgaris 'French Summer'</b> , French Thyme, 30 cm, pinkish-white, grey narrow leaves, VI-IX, Z7-10 . . . . .	⊗ ⊖ ⊙	1	15	960,00	160,00	28,00	4,80	2,40
TO 142	<b>vulgaris 'Standard Winter'</b> , Common Thyme, 20 cm, white-pink, VI-IX, Z5-9 . . . . .	⊗ ⊖ ⊙	1	15	420,00	72,00	12,00	2,00	2,00
<b>NEW!</b> TO 146	<b>zygis</b> , Spanish Thyme, 30 cm, white, pubescent aromatic foliage, evergreen, VI-VIII, Z6-9 . . . . .	⊗ ⊖ ⊙	0,5	16	–	–	164,00	22,00	4,80
<b>TRIGONELLA</b> (Papilionaceae, <i>Leguminosae</i> )									
TO 221	<b>caerulea</b> , Sweet Trifoli, 40 cm, blue, VI-VII, Z5-11, ⊖ . . . . .	⊗ ⊖ ⊙	10	16	148,00	36,00	12,00	4,00	2,60
TO 223	<b>foenum-graecum</b> , Fenugreek, Greek Clover (Hu-Lu-Ba), 50 cm, yellowish-white with violet, trifoliated foliage, VI-VII, Z5-11, TCM plant, ⊖ . . . . .	⊗ ⊖ ⊙ ⊚	40	15	48,00	12,00	8,00	2,00	2,00
<b>TROPAEOLUM</b> (Tropaeolaceae)									
TO 263	<b>majus 'Mix' (NASTURTIUM)</b> , Indian Cress, 40 cm, yellow, orange and red flowers, perennial but often grown annual, VII-X, Z7-10 . . . . .	⊗ ⊙	300	15	196,00	28,00	3,80	2,00	3,80
<b>TUSSILAGO</b> (Asteraceae)									
TO 320	<b>farfara</b> , Coltsfoot (Kuan-Dong-Hua), 30 cm, yellow, hairy leaves, III-IV, Z4-9, TCM plant . . . . .	⊗ ⊖ ⊙ ⊚	0,5	15	–	256,00	42,00	7,20	2,40
<b>URTICA</b> (Urticaceae)									
UU 020	<b>dioica</b> , Stinging Nettle, 120 cm, green, ovate pointed, toothed foliage, VII-X, Z2-9 . . . . .	⊗ ⊖ ⊙	0,5	15	248,00	40,00	7,00	2,00	2,00
<b>VACCINIUM</b> (Ericaceae)									
VO 008	<b>myrtillus</b> , Blueberry, 30 cm, light-green shoots, black-blue berries, IV-VI, Z3-8, . . . . .	pure seed ⊗ ⊖ ⊙ ⊚	1	1	–	576,00	72,00	9,00	2,00
VO 012	<b>vitis-idaea</b> , Mountain Cranberry, 15 cm, white to pink, evergreen groundcover, for semi-shade or sun with sufficient moisture, V-VI, Z2-7, . . . . .	pure seed ⊗ ⊖ ⊙	1	8	–	576,00	72,00	9,00	2,00
<b>VALERIANA</b> (Valerianaceae)									
VO 024	<b>officinalis</b> , Common Valerian, 100 cm, white to pale pink, V-IX, Z3-9 . . . . .	⊗ ⊖ ⊙ ⊚	10	16	980,00	128,00	18,00	3,00	2,00
VO 026	<b>officinalis 'BLBP 19'</b> , Valerian, 80 cm, pinkish white umbels, pinnatifid foliage, high content of essential oil, valeric acid and extract, very high root yield, semi-coarse root structure, VI-VIII, Z3-9 . . . . .	⊗ ⊖ ⊙ ⊚	5	16	–	384,00	48,00	6,20	4,50
<b>VERBASCUM</b> (Scrophulariaceae)									
<b>NEW!</b> VO 050	<b>bombyciferum [Polar Summer, Silver Lining]</b> , Silver Mullein, 160 cm, light yellow, silver-woolly leaves, nice woolly seed heads, VII-VIII, Z5-8 . . . . .	⊗ ⊖ ⊙	1	15	–	–	192,00	24,00	3,80
VO 060	<b>densiflorum (thapsiforme)</b> , Large-flowered Mullein, 100 cm, lemon yellow with dark center, VII-VIII, Z4-7, ⊖ . . . . .	⊗ ⊖ ⊙ ⊚	1	15	–	–	18,00	3,20	2,00
VO 074	<b>nigrum, wild form</b> , 120 cm, yellow, VI-IX, Z4-8, ⊖ . . . . .	⊗ ⊖ ⊙	0,5	20	–	–	36,00	6,00	2,00
VO 093	<b>thapsus</b> , Aaron's Rod, Great Mullein, 180 cm, yellow, VI-IX, Z3-6, ⊖ . . . . .	⊗ ⊖ ⊙	1	15	760,00	128,00	22,00	3,80	2,00
<b>VERBENA</b> (Verbenaceae)									
VO 100	<b>bonariensis [Buenos Aires, Finesse, Purple Top]</b> , <small>(AGM)</small> , Purpletop Vervain, 100 cm, bright violet-blue, good for cutting, moderately winter hardy, VII-X, Z7-10 . . . . .	⊗ ⊖ ⊙ ⊚	1	8	–	512,00	64,00	8,20	4,10
<b>NEW!</b> VO 104	<b>hastata</b> , Blue Vervain, 120 cm, mostly blue, also pink and white, VI-IX, Z3-8 . . . . .	⊗ ⊖ ⊙ ⊚	2	8	–	268,00	36,00	4,80	2,00
VO 102	<b>officinalis</b> , Common Vervain (Ma-Bian-Cao), 60 cm, pale lilac, VI-IX, Z3-8, TCM plant . . . . .	⊗ ⊖ ⊙ ⊚	1	8	–	252,00	42,00	6,00	2,00
<b>VERONICA</b> (Scrophulariaceae)									
VO 154	<b>officinalis</b> , Common Speedwell, 15 cm, light blue, V-VI, Z3-8 . . . . .	⊗ ⊙	0,5	9	–	280,00	42,00	6,20	2,00
<b>VIOLA</b> (Violaceae)									
VO 274	<b>tricolor</b> , Wild Pansy, 30 cm, purple-yellow-white colour variants, bushy growth, mostly short-lived, IV-IX, Z3-9 . . . . .	⊗ ⊖ ⊙ ⊚	2	15	–	252,00	36,00	5,20	2,00
<b>VITEX</b> (Verbenaceae)									
<b>NEW!</b> VO 250	<b>agnus-castus</b> , Monk's Pepper, 100 cm, bright blue, IX-X, Z6-10 . . . . .	⊗ ⊙	25	20	192,00	32,00	8,00	2,00	2,00

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>ABELMOSCHUS</b> (Malvaceae)								
	manihot - see <b>HIBISCUS manihot</b>							
<b>ABUTILON</b> (Malvaceae)								
AA 008	<b>vitifolium</b> , 150 cm, mostly blue, rarely white, large Mallow flowers, V-VI, Z8-11 . . . . .	10	20	⌚ ↗	230,00	28,70	3,60	3,60
<b>ACAENA</b> (Rosaceae)								
AA 001	<b>buchananii</b> , 10 cm, blue-green foliage, VII-VIII, Z5-8 . . . . .	5	5	⌚ ↗ *	350,00	44,00	5,60	2,30
AA 002	<b>caesioglaucha</b> , 10 cm, grey-green leaves, VII-VIII, Z5-8 . . . . .	5	5	⌚ ↗ *	400,00	50,00	6,40	3,20
AA 011	<b>fissistipula</b> , 10 cm, fine, blue-green leaves, white flowers with red anthers, VII-VIII, Z5-8 . . . . .	5	5	⌚ ↗ *	512,00	64,00	8,00	4,00
AA 003	<b>inermis</b> , 10 cm, large, unprickled blossom heads, green foliage, VII-VIII, Z5-8 . . . . .	8	5	⌚ ↗ *	400,00	50,00	6,40	3,20
AA 019	<b>inermis 'Purpurea'</b> , 10 cm, purple coloured foliage, compact habit, excellent foliage plant, VII-VIII, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	8	5	⌚ ↗ *	512,00	64,00	8,00	4,00
AA 005	<b>microphylla</b> , (AGM), 5 cm, copper colored foliage, VII-VIII, Z5-8 ( <i>s. also GOLD NUGGET SEED®</i> ) . . . . .	5	5	⌚ ↗ *	192,00	24,00	3,00	2,00
AA 021	<b>myriophylla</b> , 10 cm, purple, fernlike, intense feathered foliage, VII-VIII, Z5-8 . . . . .	10	5	⌚ ↗ *	576,00	72,00	8,00	6,00
AA 007	<b>novae-zelandiae (anserinifolia)</b> , 5 cm, fresh green, VII-VIII, Z5-8 . . . . .	5	5	⌚ ↗ *	224,00	28,00	3,20	2,20
AA 009	<b>saccaticupula</b> , 10 cm, blue-grey, feathered leaves, large fruitlets, VII-VIII, Z6-8 . . . . .	5	5	⌚ ↗ *	512,00	64,00	8,00	4,00
<b>ACANTHUS</b> (Acanthaceae)								
AA 012	<b>hungaricus (balcanicus, longifolius) [Architect]</b> , 75 cm, white/pink, VI-VIII, Z6-8 . . . . .	400	1/8	✖	144,00	18,00	2,40	9,80
AA 014	<b>mollis</b> , 90 cm, white/pink, VI-VIII, Z6-8 . . . . .	500	15	✖ *	96,00	12,00	2,00	9,80
AA 015	<b>spinulosus</b> , Bear's Breeches, 50 cm, pink to white, dense inflorescence, showy pinnatifid leaves, VII-VIII, Z6-11 . . . . .	600	16	*	–	36,00	4,60	14,00
<b>ACHILLEA</b> (Asteraceae, Compositae)								
AA 022	<b>clypeolata</b> , 50 cm, golden, silvery-grey foliage, VI-VIII, Z4-8 . . . . .	1	15	△ ✖	544,00	68,00	8,60	4,30
AA 024	<b>filipendulina 'Parkers Varietät' [Cloth of Gold]</b> , (AGM), 120 cm, yellow, VII-IX, Z3-8 . . . . .	1	15	✖	165,00	22,00	2,80	2,00
	<b>millefolium</b> , wild form - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
AA 027	<b>millefolium 'Cassis'</b> , 60 cm, cherry-red umbels, rich flowering, VI-X, Z2-9 . . . . .	0,5	15	⌚ ✖ *	544,00	68,00	8,60	2,80
AA 026	<b>millefolium 'Cerise Queen' [Kirschkönigin]</b> , 60 cm, rosy-red colors (variable), VI-X, Z2-9 . . . . .	1	15	⌚ ✖ *	240,00	32,00	4,20	2,00
AA 029	<b>millefolium 'Colorado'</b> , (JEL), 60 cm, a diverse mixture from red to pink to apricot colored flowers including yellow and light yellow and beige tones, occasional whites, V-X, Z2-9 . . . . .	1	15	△ ✖ *	544,00	68,00	8,60	2,80
AA 031	<b>millefolium 'Summer Pastels'</b> , (AAS), F <sub>2</sub> -Hybrids, 60 cm, mixture of pastel colors, blooms just four months after sowing, V-X, Z2-9 . . . . .	1	15	⌚ △ ✖ *	1590,00	188,00	22,00	4,00
AA 038	<b>nana</b> , 5 cm, white, aromatic, V-VI, Z4-7 . . . . .	1	9	△	–	98,00	14,00	4,00
	<b>nobilis</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
AA 044	<b>ptarmica</b> , 60 cm, white umbels, single flowers, VII-IX, Z2-9 . . . . .	1	15	✖ ✖ *	96,00	16,00	2,00	2,00
AA 048	<b>ptarmica 'Pearl-Group'</b> , 60 cm, white, double and semi double, VII-IX, Z2-9 . . . . .	1	15	⌚ ✖	240,00	32,00	4,20	2,00
	<b>serbica</b> - see <i>ageratifolia</i>							
AA 056	<b>sibirica</b> ssp. <i>camtschatica</i> 'Love Parade', (JEL), 60 cm, soft pink flowers in a large umbel, attractive, lanceolate foliage, flowers the first year, VI-IX, Z4-8 . . . . .	1	15	✖	352,00	44,00	5,60	2,80
AA 060	<b>tomentosa 'Aurea'</b> [Maynard's Gold], (AGM), 20 cm, yellow, VI-VII, Z3-8 . . . . .	0,5	15	△ *	620,00	78,00	9,80	4,00
AA 058	<b>tomentosa 'Golden Fleece'</b> ™ [Goldie], (JEL) (FS), 15 cm, golden umbels, silver-grey dense foliage, compact growth, flowers the first year, VI-VII, Z3-8, . . . . . <b>approx. 5500 seeds = 1g</b>	0,25	15	△ *	–	480,00	54,00	5,40
<b>ACHLYS</b> (Berberidaceae)								
AA 061	<b>triphylla</b> , Vanilla Leaf, 25 cm, white spikes, trifoliate fanshaped leaves, for shade, VI, Z3-7 . . . . .	25	1	⌚	600,00	76,00	9,40	9,40
<b>ACINOS</b> (Lamiaceae, Labiateae)								
AA 062	<b>alpinus (CLINOPODIUM)</b> , 15 cm, red-violet, excellent cushion perennial for dry locations, VI-IX, Z4-7 . . . . .	1	15	△ *	–	–	–	4,20
<b>ACIPHYLLA</b> (Apiaceae, Umbelliferae)								
AA 066	<b>aurea</b> , Speargrass, 100 cm, gold-green leaf rosettes, up to 50 cm in Ø, white-golden inflorescence, VI-VIII, Z5-9 . . . . .	10	5	△ Ca	360,00	45,00	5,60	2,80
AA 064	<b>congesta</b> , 30 cm, compact, evergreen cushions, creamy-white, attractive umbels, VII-VIII, Z7-10 . . . . .	5	5	△ Ca □	768,00	96,00	12,00	6,00
AA 065	<b>dieffenbachii</b> , 100 cm, green leaf rosettes, pale yellow umbels, golden seed heads, VI-VIII, Z8-10 . . . . .	30	5	Ca	736,00	92,00	11,60	9,80
AA 071	<b>glaucescens</b> , 100 cm, greenish-white umbels, blue-green feathered foliage, VII-VIII, Z7-10 . . . . .	10	5	△ Ca	360,00	45,00	5,60	2,80
AA 067	<b>monroi</b> , 20 cm, golden umbels, palmithe foliage, VI-VIII, Z7-10 . . . . .	5	5	△ Ca	960,00	120,00	15,00	7,50
AA 073	<b>pinnatifida</b> , 20 cm, greenish-white umbels, deeply pinnatifid foliage, olive-green with yellow midrib, loose mat forming, vigorous, VI-VIII, Z7-10 . . . . .	5	5	△ Ca	768,00	96,00	12,00	6,00
AA 072	<b>simplex</b> , 15 cm, compact cushion forming, cream white umbels, VI-VIII, Z7-10 . . . . .	3	5	△ Ca □	–	120,00	15,00	7,50
AA 069	<b>spedenii</b> , 20 cm, blue-green, attractive leaf rosettes, white umbels, VI-VIII, Z7-10 . . . . .	5	5	△ Ca □	1152,00	144,00	18,00	9,00



ACAENA microphylla



ACHILLEA millefolium 'Cassis'



ACHILLEA tomentosa 'Golden Fleece'™



ACHLYS triphylla

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>ACMELLA oleracea</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>ACONITUM</b> (Ranunculaceae)							
AA 070 <b>anthora</b> , 80 cm, pale yellow, VII-VIII, Z2-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	10	2	☒	220,00	26,00	3,20	2,40
AA 074 <b>carmichaelii Arendsi Group</b> , (AGM), 150 cm, dark blue, IX-X, Z3-9 . . . . .	10	2	☒☒☒	300,00	36,00	4,20	3,20
AA 078 <b>carmichaelii (wilsonii) 'Späteis'</b> , 160 cm, light blue, IX-X, Z3-9 . . . . .	10	2	☒☒☒	300,00	36,00	4,20	3,20
AA 083 <b>hemsleyanum 'Red Wine'</b> , (ISL), 200 cm, dark wine-red, large flowering, climbing, VIII-IX, Z5-8 . . . . .	5	1	☒☒☒	–	–	24,00	8,00
<b>NEW!</b> AA 082 <b>lamarckii (neapolitanum, pyrenaicum)</b> , 140 cm, bright yellow, VII-IX, Z3-9 . . . . .	10	2	☒☒☒	300,00	36,00	4,20	3,20
AA 086 <b>lycoctonum (vulparia)</b> , 120 cm, yellow, VII-VIII, Z3-9 . . . . .	10	2	☒☒☒	300,00	36,00	4,20	3,20
AA 090 <b>napellus</b> , 150 cm, medium blue, VI-VIII, Z3-6 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	10	2	☒☒☒	220,00	26,00	3,20	2,40
AA 092 <b>napellus ssp. vulgare 'Albidum'</b> (Albus), 150 cm, pure white, VI-VIII, Z3-6 . . . . .	10	2	☒☒☒	–	50,00	6,00	4,60
AA 094 <b>napellus 'Newry Blue'</b> , 90 cm, deep blue, VI-VIII, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	10	2	☒☒☒	280,00	38,00	5,00	3,80
AA 102 <b>variegatum</b> , 150 cm, violet, often white checked, branched, VIII-IX, Z3-7 . . . . .	10	2	☒☒☒	256,00	32,00	4,00	3,00
<b>vulparia</b> - see <b>lycoctonum</b>							
<b>ACORUS</b> (Acoraceae, Araceae)							
AA 103 <b>calamus</b> , Sweetflag, 100 cm, greenish-yellow flower spadix, swordlike leaves, V-VI, Z3-10 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	20	2/3/18	☒☒☒	240,00	30,00	3,80	3,80
<b>ACTAEA</b> - see also <b>CIMICIFUGA</b> (Ranunculaceae)							
alba - see <b>pachypoda</b>							
AA 104 <b>pachypoda (alba)</b> , (AGM), 60 cm, white flowers, mostly white berries on scarlet stalks, V-VI, Z3-8 . . . . .	25	1	☒☒	–	–	4,60	3,20
AA 105 <b>pachypoda f. rubrocarpa</b> , 60 cm, white flowers, red berries, V-VI, Z3-8 . . . . .	20	1	☒☒	–	52,00	6,40	3,20
AA 107 <b>pachypoda 'Silver Leaf'</b> , (ISL), 60 cm, white flower candles, brilliant white berries on red stems, grey-green, decorative foliage, V-VI, Z3-8 . . . . .	25	1	☒☒☒	–	–	12,00	6,00
AA 106 <b>rubra</b> , (AGM), 35 cm, white or tinged purple, blood-red berries, V-VI, Z3-8 . . . . .	25	1	☒☒	240,00	30,00	3,80	3,20
AA 108 <b>spicata [Black Berry]</b> , 50 cm, white, black berries, V-VI, Z4-8 . . . . .	20	1	☒☒	–	38,00	4,60	3,20
<b>ACTINELLA</b> - see <b>HYMOXYS</b>							
<b>ADENOPHORA</b> (Campanulaceae)							
AA 109 <b>bulleyana</b> , 90 cm, nodding, light blue flowers, steady, upright stems, VI-VII, Z3-7 . . . . .	1	15	☒	–	64,00	8,00	4,00
AA 112 <b>liliifolia</b> , 100 cm, light blue, scented, VII-VIII, Z3-7 . . . . .	1	15	☒	–	96,00	12,00	6,00
<b>ADENOSTYLES (CACALIA)</b> (Asteraceae, Compositae)							
AA 116 <b>alpina</b> , 60 cm, rose/lilac, VII-VIII, Z5-8 . . . . .	1	9	△	–	68,00	8,60	4,20
<b>ADLUMIA</b> (Papaveraceae, Fumariaceae)							
AA 120 <b>fungosa</b> , up to 300 cm climbing, soft pink Dicentra-like flowers, up to 15 cm long flower clusters, fern-like blue-green foliage, VII-IX, Z5-8 . . . . .	2	19	☒ ☺	–	72,00	9,00	4,50
<b>ADONIS</b> (Ranunculaceae)							
AA 124 <b>vernalis</b> , 30 cm, yellow flowers to 8 cm Ø, fine foliage, IV-V, Z2-8 . . . . .	50	1/3	△ \$ ☒	220,00	28,00	3,60	3,60



ACIPHYLLA aurea



ACONITUM hemsleyanum 'Red Wine'



ACTAEA pachypoda f. rubrocarpa



ACTAEA pachypoda 'Silver Leaf'



ACTAEA rubra



ADENOPHORA liliifolia



ADLUMIA fungosa



ADONIS vernalis



AETHIONEMA antitaurii



AETHIONEMA coridifolium



AETHIONEMA grandiflorum



AGASTACHE Aurantiaca-Hybr. 'Tango'

AGASTACHE Pallida-Hybr. 'Globetrotter'

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>AETHIONEMA</b> (Brassicaceae, Cruciferae)							
AA 134 ☼ <i>antitaurii</i> , 15 cm, pink flower clusters, grey-bluish foliage, VI-VII, Z5-8 .....	2	9	❀△	1280,00	160,00	20,00	5,00
AA 130 ☼ <i>coridifolium</i> , 15 cm, pink, VI-VII, Z5-8 .....	2	15	❀△	1200,00	150,00	19,00	5,00
AA 132 ☼ <i>grandiflorum (pulchellum)</i> , (AGM), 20 cm, pink, VI-VII, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	3	9	❀△⊗	1024,00	128,00	16,00	4,00
AA 135 <i>kotschyi</i> , 10 cm, rich pink, compact, VI-VII, Z5-8 .....	2	9	❀△	1200,00	150,00	19,00	5,00
AA 136 <i>membranaceum</i> , 15 cm, rich pink, blue-green cushion, VI-VII, Z5-8 .....	2	9	❀△⊗	–	160,00	20,00	5,00
<b>AGAPANTHUS</b> (Alliaceae, Liliaceae)							
AA 147 <i>inapertus</i> , 160 cm, blue, tubular hanging flowers, VIII-X, Z7-10 .....	15	20	◻×◻	–	–	7,40	5,80
AA 137 <i>praecox 'Getty White'</i> , 55 cm, white, large flowering, compact habit, V-VIII, Z8-10 .....	12	20	◻×◻	480,00	60,00	8,40	6,20
AA 139 <i>praecox 'Queen Anne'</i> , 55 cm, brilliant blue, compact habit, VI-VIII, Z8-10 .....	12	20	◻×◻	480,00	60,00	8,40	6,20
AA 140 <i>praecox</i> ssp. <i>minimus 'Peter Pan'</i> , 50 cm, graceful, deep blue, V-VIII, Z8-10 .....	12	20	◻×◻	768,00	96,00	12,00	9,00
praecox ssp. <i>orientalis</i> - see <i>umbellatus</i>							
AA 142 <i>umbellatus (africanus) [Blue Umbrella]</i> , (AGM), 140 cm, blue, variable, V-VIII, Z8-10 .....	15	20	◻×◻	360,00	45,00	6,00	4,50
AA 148 <i>umbellatus (africanus) 'Albus' [White Umbrella]</i> , (AGM), 140 cm, white, variable, V-VIII, Z8-10 .....	15	20	◻×◻	360,00	45,00	6,00	4,50
<b>AGASTACHE</b> (Lamiaceae, Labiateae)							
AA 144 <i>aurantiaca [Apricot Sprite, Navajo Sunset]</i> , 45 cm, brilliant light orange, silvery, aromatic foliage, VI-IX, Z5-9 ( <i>see also Organic-Seeds</i> ) .....	2	15	❀×⊗	–	162,00	18,00	6,00
AA 138 ☼ <i>Aurantiaca-Hybr. 'Tango'</i> , (EL), 35 cm, brilliant, fiery orange flower spikes, abundant flowering, attractive, pleasantly aromatic, grey-green foliage, compact and richly branched habit, reliable first year flowering from seed, VI-X, Z5-10 .....	2	15	❀×⊗⊗	1940,00	216,00	24,00	6,00
AA 152 <i>Cana-Hybr. 'Bolero' (cana x barberi)</i> , (EL), 40 cm, brilliant rose-purple tubular blooms with purple calyxes, abundant flowering, bronze colored, aromatic foliage, compact richly branched habit, reliable first year flowering from seed, VI-X, Z5-10 .....	2	15	❀×⊗⊗	–	–	36,00	6,00
<i>foeniculum</i> - see <i>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</i>							
AA 145 <i>mexicana 'Sangria'</i> , (EL), 120 cm, brilliant red-purple, long flower clusters, lemon scented, elliptical foliage, first year flowering from seed, VII-X, Z7-10 .....	1	15	❀×⊗	–	–	–	6,00
AA 150 <i>nepetoides</i> , 160 cm, greenish-yellow, aromatic foliage, VI-IX, Z7-9 .....	1	9	❀	288,00	36,00	4,60	2,30
AA 141 ☼ <i>Pallida-Hybr. (pallida x rugosa) 'Globetrotter'</i> , (EL), 100 cm, lilac-pink, dense flower spikes, continuous reddish bracts, first year flowering from seed, VI-IX, Z6-9 .....	3	15	❀×⊗	448,00	64,00	8,00	4,00
<i>rugosa</i> - see <i>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</i>							
AA 153 ☼ <i>rupestris [Apache Sunset]</i> , (PS), Sunset Hyssop, 60 cm, rose-orange, aromatic grey-green foliage, abundant flowering, for dry locations, VI-IX, Z6-10 ( <i>s. also Organic-Seeds</i> ) .....	2	15	×⊗❀	–	–	36,00	7,20
<b>AGERATINA altissima, aromatica</b> - see <b>EUPATORIUM</b>							
<b>AGRIMONIA</b> - see <i>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</i>							
<b>AGROSTEMMA</b> - see <i>Organic Seed</i>							
<b>AIZOPSIS</b> - see <i>SEDUM</i>							

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>AJUGA</b> (Lamiaceae, <i>Labiatae</i> )								
AA 161 <i>genevensis</i> , Upright Bugle, 15 cm, blue, IV-V, Z4-7 ( <i>see also Organic-Seeds</i> ) . . . . .	10	9	→△⊗	256,00	32,00	4,00	2,00	
AA 158 <i>reptans</i> , Creeping Bugle, 15 cm, blue, V-VI, Z3-9 ( <i>see also Organic-Seeds</i> ) . . . . .	10	9	↓→⊗	384,00	48,00	6,00	3,00	
<b>ALBUCA</b> (Asparagaceae)								
AA 186 ☼ <i>humilis</i> , 15 cm, white star-flowers with green stripes, grass-like foliage, rare bulbous plant, VI-VII, Z7-9 . . . . .	10	9	△	–	–	–	–	7,50
<b>ALCEA</b> (ALTHAEA) (Malvaceae)								
AA 280 <i>Ficifolia-Hybr. [Happy Lights]</i> , 180 cm, yellow, copper, pink, red, white, single flowers, fig-leaved, perennial, V-X, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	25	9	Sol ×⊗	56,00	8,00	2,00	3,00	
AT 280 ☼ <i>Ficifolia-Hybr. [Happy Lights]</i> . . . . .	12	9	JET® - pure seed	245,00	35,00	5,00	4,20	
AT 285 ☼ <i>Ficifolia-Hybr. 'Las Vegas'</i> , 160 cm, splendid mixture with brilliant colors of chestnut brown to red, pink shades to white, and yellow to copper colored, single flowers, remarkable fig-leaved, sturdy and perennial, first year flowering with early sowings, V-X, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	12	9	JET® - pure seed	340,00	44,00	5,80	4,80	
AA 284 ☼ <i>pallida</i> , 180 cm, lilac-rose, single, V-IX, Z3-8 . . . . .	20	8	Sol	120,00	15,00	2,00	3,50	
AA 286 <i>Rosea-Hybr. 'Simplex'</i> , 180 cm, single flowers, mixed colors, perennial, V-X, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	25	9	× \$⊗	56,00	8,00	2,00	3,00	
AT 286 <i>Rosea-Hybr. 'Simplex'</i> . . . . .	12	9	JET® - pure seed	245,00	35,00	5,00	4,20	
<i>Rosea-Hybr. Spotlight-Series</i> , 180 cm, single flowers, brilliant single colours, sturdy and perennial, first year flowering with early sowings, V-X, Z3-9								
AT 801 ☼ <i>'Blacknight'</i> , 160 cm, dark black-purple								
AT 806 ☼ <i>'Mars Magic'</i> , 160 cm, brilliant red colours								
AT 808 ☼ <i>'Polarstar'</i> , 160 cm, pure white with yellow eye								
AT 804 ☼ <i>'Radiant Rose'</i> , 160 cm, brilliant pink								
AT 802 ☼ <i>'Sunshine'</i> , 160 cm, brilliant light yellow								
<i>rosea plena Chaters-Series</i> , 180 cm, double flowers, V-X, Z3-10								
AT 293 <i>'Chaters chestnut brown'</i> AT 290 <i>'Chaters chamois'</i>								
AT 298 <i>'Chaters pink'</i> AT 297 <i>'Chaters purple'</i>								
AT 300 <i>'Chaters red (scarlet)'</i> AT 295 <i>'Chaters salmon pink'</i>								
AT 301 <i>'Chaters violet'</i> AT 302 <i>'Chaters white' [The Bride]</i>								
AT 292 <i>'Chaters yellow' [Banana]</i>								
AT 304 <i>'Chaters magnificent mixture'</i> . . . . .	10	15	JET® - pure seed	310,00	38,00	5,00	4,20	
AT 308 ☼ <i>rosea var. nigra [Jet Black, Arabian Nights]</i> , Hollyhock, 180 cm, single, black-red, V-X, Z3-9 ( <i>see also Organic-Seeds</i> ) . . . . .	10	15	JET® - pure seed	310,00	38,00	5,00	4,20	
AA 310 <i>rugosa</i> , 200 cm, brilliant yellow, single, V-IX, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	20	8	Sol⊗	120,00	15,00	2,20	3,50	
AA 313 <i>taurica</i> , 160 cm, yellow, grey green lobed leaves, VI-IX, Z3-9 . . . . .	20	1	Sol⊗	144,00	18,00	2,50	4,00	



AGASTACHE rupestris



ALBUCA humilis



ALCEA pallida



ALCEA Rosea-Hybr. 'Blacknight'



ALCEA Rosea-Hybr. 'Mars Magic'



ALCEA Rosea-Hybr. 'Polarstar'



ALCEA Rosea-Hybr. 'Radiant Rose'



ALCEA Rosea-Hybr. 'Sunshine'



ALCHEMILLA epipsila



ALCHEMILLA erythropoda



ALCHEMILLA sericata 'Gold Strike'



ALKANNA orientalis

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>ALCHEMILLA</b> (Rosaceae) . . . . .								
AA 160	<b>alpina</b> , 15 cm, dense blossoms, yellow, foliage dark green, silvery base, groundcover, VI-VIII, Z3-8 . . . . .	1	1	△ Ca \$	–	96,00	12,00	6,00
AA 163	<b>epipsila</b> , 40 cm, yellowish, similar to <i>A. mollis</i> but smaller and more compact, VI-VII, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	1	1	×△⊗	460,00	58,00	7,20	3,60
AA 164	<b>erythropoda</b> [ <i>Alma</i> ],  20 cm, yellow, often reddish coloured, groundcover, VI-VIII, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	1	1	W→①CAN	460,00	58,00	7,20	3,60
AA 167	<b>mollis</b> [ <i>Thriller, Irish Silk</i> ],  50 cm, yellowish, leaves grey-green, VI, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	1	1	×	224,00	28,00	3,60	3,60
AA 168	<b>mollis</b> 'Select' [ <i>Robustica, Giant Molly</i> ], 50 cm, greenish-yellow, veil-like flowers, robust and vigorous selection, stronger stems, uniform habit, strong grey-green foliage, VI, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	1	1	× CAN ⊗	320,00	40,00	5,40	2,70
AA 170	<b>saxatilis</b> , 15 cm, yellow, groundcover, grows in non-alpine conditions better than <i>A. alpina</i> which is almost identical, VI-VIII, Z3-8 . . . . .	1	1	W→ CAN	768,00	96,00	12,00	6,00
AA 174	<b>sericata</b> 'Gold Strike',  35 cm, bright greenish-yellow veil-like flower umbels, very free flowering, grey-green, velvety scalloped foliage, more deeply lobed leaves than <i>A. mollis</i> , robust, compact and consistant habit, VI-VIII, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	2	1	△×CAN①	460,00	58,00	7,20	3,60
AA 178	<b>xanthochlora</b> [ <i>vulgaris</i> ], Lady's Mantle, 50 cm, yellow-green, VI-VIII, Z3-8 <i>(see also GOLD NUGGET SEED® + Organic-Seeds)</i> . . . . .	1	1	W→ \$	256,00	32,00	4,00	2,20
<b>ALISMA</b> (Alismataceae)								
AA 180	<b>parviflorum</b> , 70 cm, white umbels, large leaves, VI-IX, Z4-8 . . . . .	2	18	~~~	120,00	18,00	2,80	2,00
AA 182	<b>plantago-aquatica</b> , 70 cm, white umbel panicles, VI-IX, Z4-8 . . . . .	1	18	~~~ \$	72,00	12,00	2,00	2,00
<b>ALKANNA</b> (Boraginaceae)								
AA 184	<b>orientalis</b> , 40 cm, yellow, lanceolate basal leaves, IV-VI, Z5-9 . . . . .	10	15	△	420,00	56,00	7,20	5,00
<b>ALLIUM</b> (Alliaceae, <i>Liliaceae</i> )								
AA 188	<b>acuminatum</b> , 20 cm, purple-rose, V-VI, Z6-8 . . . . .	10	1	△	–	62,00	8,00	4,00
AA 190	<b>aflatunense</b> , 100 cm, pale violet, V, Z7-9 . . . . .	25	1	×⊗	–	24,00	3,00	3,00
AA 192	<b>angulosum</b> , Mouse Garlic, 35 cm, pale violet, cup shaped flower umbels, intensive green, angular edged foliage, VI-IX, Z3-9 . . . . .	5	15	×④~~~⊗	160,00	20,00	2,60	2,00
AA 242	<b>carinatum</b> ssp. <i>pulchellum</i> ,  40 cm, violet, VII-VIII, Z3-9 . . . . .	7	1	△×⊗	256,00	32,00	4,00	2,00
AA 243	<b>carinatum</b> ssp. <i>pulchellum</i> f. <i>album</i> ,  40 cm, white, VII-VIII, Z3-9 . . . . .	7	1	△×	768,00	96,00	12,00	6,00
AA 198	<b>cernuum</b> , 35 cm, soft-pink, nodding blossoms, VII-VIII, Z4-9 . . . . .	5	1	△④	192,00	24,00	3,00	2,30
AA 199	<b>cernuum</b> 'Hidcote' (Major) [ <i>Pink Giant</i> ],  40 cm, intensive pink, large flowering, very vigorous, flowers earlier than the species, V-VI, Z4-9 . . . . .	5	16	△④	360,00	45,00	5,80	2,90
AA 202	<b>christophii</b> ( <i>albopilosum</i> ),  40 cm, lilac, VI-VII, Z6-10 . . . . .	20	1	×⊗△	–	22,00	2,80	2,80
	<b>fistulosum</b> - see <i>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</i>							

**Production – Breeding – Seed Technology**

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>ALLIUM continuation</b>							
AA 210 <i>flavum</i> ,  30 cm, yellow, V-VIII, Z3-9 . . . . .	5	9	△ ✕	384,00	48,00	6,00	3,00
AA 217 <i>hookeri var. muliense</i> , 40 cm, brilliant yellow bell-shaped flowers, VII-IX, Z6-9 . . . . .	10	16	△ ✕	548,00	74,00	9,40	3,20
AA 216 <i>jesdianum</i> , 100 cm, lilac-rose, V-VI, Z6-8 . . . . .	25	1	✖	128,00	16,00	2,00	2,00
AA 218 <i>karataviense</i> ,  Blue-tongue Leek, 25 cm, spectacular variety, IV-V, Z7-9. . . . . montanum - see <i>senescens</i> ssp. <i>montanum</i>	15	1	△	160,00	22,00	2,80	2,80
AA 230 <i>narcissiflorum</i> , 20 cm, pale pink, nodding blossom panicles, VI, Z6-9 . . . . .	15	1	△	320,00	40,00	5,00	5,00
AA 232 <i>neapolitanum</i> , 25 cm, white, IV-V, Z4-9 . . . . .	10	9	△ ✕	384,00	48,00	6,00	3,00
AA 236 <i>obliquum</i> , 60 cm, greenish yellow spherical flowers, narrow blue-green foliage, VI-VIII, Z4-8. . . . . pulchellum - see <i>carinatum</i> ssp. <i>pulchellum</i> ramosum (odorum) - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed	8	9	△ ✕ Ⓛ	540,00	68,00	8,60	3,80
AA 248 <i>rosenbachianum</i> , 90 cm, rose-violet, V-VI, Z6-9 . . . . .	20	1	✖	112,00	14,00	2,00	2,00
schoenoprasum - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
AA 257 <i>senescens</i> , 40 cm, pink, abundant flowering, dense clumps, VII-VIII, Z4-9 . . . . .	10	9	△	128,00	16,00	2,00	2,00
AA 251 <i>senescens</i> ssp. <i>glaucum</i> , 30 cm, pink, bluish twisted foliage, VII-X, Z4-9 . . . . .	8	15	△ 🌸	-	96,00	12,00	3,60
AA 250 <i>senescens</i> ssp. <i>montanum</i> , 40 cm, pink, VII-VIII, Z3-8 . . . . . siculum - see NECTAROSCORDUM <i>siculum</i>	10	16	△	128,00	16,00	2,00	2,00
AA 254 <i>sphaerocephalum</i> , 50 cm, purple-red, VII-VIII, Z4-8 . . . . .	5	1	✖ 🌸	460,00	54,00	6,00	3,00
AA 255 <i>stipitatum</i> , 90 cm, rose-lilac ball-shaped blossoms, fragrant, VI-VIII, Z7-9 . . . . .	10	1	✖	-	32,00	4,00	4,00
AA 259 <i>suaveolens</i> , Fragrant Leek, 40 cm, soft pink, for moist locations, VIII-IX, Z4-8 . . . . . tricoccum - see Perennial Herbs - Culinary, Teas and Medicinal	5	16	❀ Ⓛ 🌸	320,00	40,00	5,00	2,50
AA 261 <i>triquetrum</i> , Three-cornered Leek, 40 cm, white with dark-green middle veins, bell shaped, III-V, Z7-9 . . . . .	15	8	△ ❀	160,00	20,00	2,80	2,80
tuberosum - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
AA 263 <i>unifolium</i> , 30 cm, glossy pink, floriferous umbels, V-VII, Z5-10 . . . . .	10	1	△	-	54,00	6,00	3,00
ursinum - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>ALOE parviflora</b> - see HESPERALOE							
<b>ALONSOA</b> (Scrophulariaceae)							
AA 265 <b>meridionalis</b> [Rebel], 60 cm, cinnabar-red, blooms four months after sowing, good container plant for winter blooms, VII-XI, Z9-10 . . . . .	0,5	15	⌚ ⚡ ⚡	128,00	16,00	2,00	2,00
AA 267 <b>meridionalis</b> 'Shell Pink' [Salmon Beauty], 50 cm, pink, VII-XI, Z9-10 . . . . .	0,5	15	⌚ ⚡ ⚡	164,00	24,00	3,60	2,00
<b>ALSTROEMERIA</b> (Alstroemeriaceae, Amaryllidaceae)							
AA 274 <i>aurantiaca</i> ( <i>aurea</i> ), 50 cm, yellow to orange, VI-VIII, Z7-10 . . . . .	50	8	✖ ✕	-	36,00	4,50	4,50
AA 277 <i>hybrida</i> 'Dandy Candy',  35 cm, vibrant colors, red, deep rose and picotee-type white with pink, very large flowering, all flowers with dark stripes and yellow markings, dwarf and compact habit, glossy green foliage, blooms all season, flowers the first year in greenhouse production, VI-X, Z8-10 . . . . .	40	8	✖ ✕ Ⓛ Ⓛ	368,00	46,00	5,80	5,80
AA 275 <i>psittacina</i> ( <i>pulchella</i> ) 'Mona Lisa',  90 cm, dark red, greenish tips, the inner segments lined light reddish-brown, VII-X, Z7-10 . . . . .	40	8	✖ ✕	368,00	46,00	5,80	4,80
<b>ALTHAEA cannabinus, officinalis</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>ALYSSOIDES</b> (Brassicaceae, Cruciferae)							
AA 316 <i>utriculata</i> [Tinkerbells, Lost April], 20 cm, yellow, seed stalks for floral arrangements, IV-VI, Z5-9 . . . . .	10	15	△ ✕	-	24,00	3,00	2,30
<b>ALYSSUM</b> (Brassicaceae, Cruciferae)							
AA 320 <i>argenteum</i> ( <i>murale</i> ), 40 cm, yellow, for dry locations, VI-VIII, Z5-8 . . . . .	5	15	△ 🌸	160,00	20,00	2,50	2,00
AA 324 <i>cuneifolium</i> , 12 cm, light yellow, grey foliage, IV-V, Z5-7 . . . . .	5	9	△	432,00	54,00	6,00	3,00
AA 329 <i>montanum</i> 'Luna',  12 cm, intensive yellow, rich flowering, up to 2 weeks earlier than 'Mountain Gold', III-VI, Z3-7 . . . . .	3	15	❀ △ 🌸	740,00	82,00	9,20	3,80
AA 331 <i>montanum</i> 'Tekara™',  10 cm, brilliant yellow, very uniform, grey foliage, flat cushions, III-IV, Z3-7 . . . . .	3	15	❀ △ 🌸	576,00	64,00	7,20	3,60
AA 328 <i>montanum</i> 'Mountain Gold' [Berggold], 15 cm, golden, loose cushions, III-VI, Z3-7 . . . . .	3	15	❀ △ 🌸	224,00	28,00	3,80	2,00
AA 330 <i>petraeum</i> (AURINIA), 30 cm, yellow panicles, decorative, inflated seed heads, V-VII, Z6-8 . . . . .	3	9	❀ △ ✕	128,00	16,00	2,00	2,00
AA 334 <i>repens</i> , 50 cm, orange, V-VI, Z6-8 . . . . .	5	9	❀ △ ✕	168,00	21,00	2,60	2,00
AA 340 <i>saxatile</i> 'Compactum Goldkugel' [Gold Ball, Gold Bullet], 15 cm, yellow, compact cultivar, IV-V, Z3-9 . . . . .	3	15	❀ △ 🌸	220,00	28,00	3,60	2,20
AA 344 <i>saxatile</i> 'Sulphureum', 40 cm, light yellow, IV-V, Z3-9 . . . . .	3	15	❀ △ 🌸	256,00	32,00	4,00	2,40
AA 342 <i>saxatile</i> 'Summit',  15 cm, golden, earliest cultivar, uniform compact habit, III-V, Z3-9, . . . . .	2	15	⌚ 🌸	-	269,00	29,90	5,20

*continued on the following page*


ALLIUM flavum



ALLIUM hookeri var. muliense



ALLIUM sphaerocephalum



ALLIUM unifolium



ALSTROEMERIA hybrida 'Dandy Candy'



ALYSSUM montanum 'Tekara'™



ALYSSUM serpyllifolium



AMORPHA canescens

		Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>ALYSSUM</b> continuation								
AA 348 ☼ <i>serpyllifolium</i> , 6 cm, light yellow, VI, Z4-7 . . . . .		5	15	△ ↗	320,00	40,00	5,00	2,50
spinosum - see <b>PTILOTRICHUM spinosum</b>								
AA 332 <i>tortuosum</i> var. <i>obovatum</i> , 10 cm, brilliant yellow, rich flowering, silver-green foliage, IV-VI, Z2-8 . . . . .		1	15	△ ⚡	-	42,00	6,00	3,00
AA 356 <i>wulfenianum</i> , 15 cm, golden, reblooming, more compact and longer-lived than <i>A. montanum</i> , V-VII, Z4-8 . . . . .		3	15	❀ △ ⚡	256,00	32,00	4,20	2,10
<b>AMMI</b> - see <b>Organic Seed</b>								
<b>AMOMUM</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>								
<b>AMORPHA</b> (Papilionaceae, <i>Leguminosae</i> )								
AA 360 ☼ <i>canescens</i> , 80 cm, blue, spikes 15 cm, for sunny, sandy and dry location, VII-IX, Z2-8 . . . . .		25	15	△ ⓘ	198,00	22,00	2,50	2,50
<b>AMSONIA</b> (Apocynaceae)								
AA 365 ☼ <i>hubrichtii</i> , [PPA], 90 cm, blue blossom umbels, very fine needle-shaped leaves, yellow fall colour, V-VII, Z4-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .		30	8	✖️ *	288,00	32,00	3,80	3,80
<i>illistris</i> , 90 cm, light blue, leathery foliage, VI-VII, Z4-9 . . . . .		40	8	*	288,00	32,00	3,80	3,80
AA 363 <i>orientalis</i> (RHAZYA), Eastern Blue Star, 40 cm, azure blue, persistent flowering, V-VII, Z6-10 .		25	9	-	-	7,20	6,00	
AA 366 <i>tabernaemontana</i> [ <i>Stars, Blue Star</i> ], 80 cm, light blue, broad leaves, V-VII, Z4-9 ( <i>see also GOLD NUGGET SEED®</i> ). . . . .		30	8	* *	288,00	32,00	3,80	3,80
<b>ANACYCLUS</b> (Asteraceae, <i>Compositae</i> )								
pyrethrum - see <b>Organic Seed</b>								
AA 368 pyrethrum var. <i>depressus</i> [ <i>Gartenzwerg, Spring Carpet, Gnome</i> ], 10 cm, white, underside red, silvery feathered foliage, IV-VI, Z5-9 . . . . .		2	15	△ ⓘ \$	980,00	128,00	16,00	4,00
AA 369 ☼ pyrethrum var. <i>depressus</i> f. <i>compactum</i> ' <i>Silberkissen</i> ' [ <i>Silver Kisses, Silver Cushion</i> ], [JEL], 10 cm, white, essential compact and more dense than former variety, shorter side shoots, IV-VI, Z5-9 ( <i>see also Organic-Seed</i> ) . . . . .		2	15	△ □ ⚡	1400,00	176,00	22,00	6,00
<b>ANAPHALIS</b> (Asteraceae, <i>Compositae</i> )								
AA 371 <i>alpicola</i> , 15 cm, white to brown-red, grey leaved carpets, VI-VIII, Z4-9 . . . . .		0,5	4/9	△ *	640,00	80,00	10,00	4,00
AA 372 <i>margaritacea</i> 'Neuschnee' [ <i>New Snow</i> ], Pearly Everlasting, 50 cm, white, VII-IX, Z3-9 . . . . .		0,5	4/15	ⓘ ✖️ *	490,00	60,00	7,60	2,00
AA 374 <i>triplinervis</i> , [AGM], Pearly Everlasting, 30 cm, white, grey-white woolly, VII-VIII, Z4-8 . . . . .		0,5	4/16	✖️ △ *	-	72,00	9,00	3,60
<b>ANCHUSA</b> (Boraginaceae)								
AA 376 <i>azurea</i> ( <i>italica</i> ) [ <i>Dropmore</i> ], 100 cm, gentian-blue, V-IX, Z3-10 . . . . .		75	7	✖️ *	62,00	7,80	2,00	3,00
<b>NEW!</b> AA 377 <i>azurea</i> 'Feltham Pride Strain', 90 cm, gentian blue, dwarf and compact, V-IX, Z3-10 . . . . .		75	7	✖️ *	144,00	18,00	2,40	3,60
<i>officinalis</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
<b>ANDROSACE</b> (Primulaceae)								
AA 380 <i>alpina</i> , 10 cm, pink-white, VII-VIII, Z4-6 . . . . .		2	1	△ □	-	-	76,00	7,80
AA 384 <i>carnea</i> , 5 cm, pale pink to white, VI-VII, Z4-7 . . . . .		3	1	△	-	224,00	28,00	4,20
AA 392 ☼ <i>carnea</i> ssp. <i>brigantiaca</i> , 5 cm, white, IV-V, Z4-7 . . . . .		3	1	△	-	252,00	28,00	4,20
AA 394 <i>chamaejasme</i> , 6 cm, white, rarely pink, yellow eye, V-VI, Z4-6 . . . . .		2	5	△ □	-	-	48,00	6,80
AA 395 <i>hedraeantha</i> , 10 cm, pink flower umbels, cushion forming, IV-V, Z4-6 . . . . .		3	1	△ ⓘ	-	-	32,00	4,20
AA 406 <i>septentrionalis</i> 'Star Dust', 25 cm, white, IV-V, Z3-7 . . . . .		2	15	ⓘ △	-	216,00	24,00	3,20
AA 412 <i>villosa</i> , 5 cm, white or pink, yellow throat, VI-VII, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ). . . . .		4	1	△	-	-	42,00	7,80
<b>ANEMONE</b> (Ranunculaceae)								
alpina - see <b>PULSATILLA</b>								
alpina sulphurea - see <b>PULSATILLA</b>								
AA 428 <i>baldensis</i> , 10 cm, white with yellow stamens, VII-VIII, Z5-8, . . . . .	pure seed	4	9	△	-	128,00	16,00	8,00
AA 432 ☼ <i>canadensis</i> , 30 cm, white, VI-VII, Z2-6, . . . . .	pure seed	10	1	△	-	58,00	7,20	5,40
AA 436 <i>cylindrica</i> , 60 cm, white, VI-VII, Z4-7, . . . . .	pure seed	2	9	△	256,00	32,00	4,00	2,00
AA 438 <i>fasciculata</i> ( <i>narcissiflora</i> var. <i>caucasica</i> ), 40 cm, white, seldom pinkish red flower umbels, V-VII, Z2-7 . . . . .		15	9	△ *	480,00	60,00	7,60	3,80
AA 444 ☼ <i>hupehensis</i> ( <i>japonica</i> ) [ <i>Rose Beauty</i> ], 70 cm, white and pink, VIII-X, Z5-7 ( <i>see also GOLD NUGGET SEED®</i> ), . . . . .	pure seed	1	9	✖️	1580,00	198,00	25,00	5,00
AA 452 <i>leveillei</i> , 50 cm, white umbels, outside often bluish, IV-V, Z5-8 . . . . .		15	9	△	360,00	46,00	5,80	5,80

				Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>ANEMONE continuation</b>										
	<i>montana</i> - see <b>PULSATILLA</b>									
AA 472	<i>multifida</i> var. <i>magellanica</i> ( <i>palmata</i> hort.), 25 cm, yellow, large flowers, IV-VI, Z5-9, .p. seed	3	9	△	480,00	64,00	8,00	5,00		
AA 460	<i>multifida</i> 'Major' [ <i>Annabella White</i> ], 25 cm, white, upright blossoms, VI-VII, Z2-9 (see also <b>GOLD NUGGET SEED®</b> ),	pure seed	3	9	△	480,00	64,00	8,00	5,00	
AA 448	⊗ <i>multifida</i> 'Rubra' [ <i>Annabella Deep Pink</i> ], 30 cm, carmine-red, V-VI, Z2-9 (see also <b>GOLD NUGGET SEED®</b> ),	pure seed	3	9	△	480,00	64,00	8,00	5,00	
AA 464	⊗ <i>narcissiflora</i> , 35 cm, white blossom umbels, V-VI, Z2-7		15	9	△⊗	352,00	44,00	5,60	5,60	
AA 470	<i>nemorosa</i> , (AGM), 15 cm, white blossom, outside reddish, III-V, Z4-8		5	1/3	⊗	128,00	16,00	2,00	2,00	
	<i>pulsatilla</i> - see <b>PULSATILLA</b>									
AA 480	<i>ranunculoides</i> , (AGM), 15 cm, yellow, IV-V, Z3-9		6	2/3	⊗	160,00	20,00	2,50	2,50	
AA 486	⊗ <i>rivularis</i> [ <i>Glacier</i> ], 50 cm, white umbels, V-VI, Z5-8		15	9	△	360,00	46,00	5,80	5,80	
AA 490	⊗ <i>sylvestris</i> [ <i>Madonna</i> ], Large Forest Anemone, 30 cm, white, large flowering, IV-VI, Z3-9, .p. seed	1	15	⊗	-	320,00	38,00	4,80	4,80	
	<i>tomentosa</i> - see <i>hupehensis</i>									
	<i>vernalis</i> - see <b>PULSATILLA</b>									
AA 502	<i>virginiana</i> , 90 cm, white, VI-VIII, Z3-7,	pure seed	4	16	⊗	320,00	40,00	5,00	2,50	
<b>ANEMONELLA (Ranunculaceae)</b>										
AA 500	<i>thalictroides</i> , 20 cm, white, delicate, IV-V, Z3-8		5	1	△	-	-	48,00	7,20	


*AMSONIA hubrichtii*

*ANACYCLUS pyrethrum var. depressus f. compactum 'Silberkissen'*

*ANDROSACE carnea ssp. brigantiaca*

*ANEMONE canadensis*

*ANEMONE hupehensis*

*ANEMONE multifida 'Rubra'*

*ANEMONE narcissiflora*

*ANEMONE rivularis*

*ANEMONE sylvestris*



**ANEMONOPSIS macrophylla**



**ANGELICA sylvestris 'Vicar's Mead'**



**ANISOTOME latifolia**



**ANTENNARIA dioica 'Rubra'**

	Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:				
				from 100 g	from 10 g	from 1 g	Portion	
<b>ANEMONOPSIS</b> (Ranunculaceae)								
AA 504 ☼ <b>macrophylla</b> , 80 cm, light lilac nodding flowers, an excellent plant for shady and moist places, VII-VIII, Z4-7 . . . . .	5	8	△	–	288,00	36,00	7,80	
<b>ANEMOPSIS</b> - see <b>Organic Seed</b>								
<b>ANETHUM graveolens</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
<b>ANGELICA</b> (Apiaceae, <i>Umbelliferae</i> )								
archangelica - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
dahurica - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>								
AA 505 <b>gigas</b> , 140 cm, deep red, decorative foliage, VI-VIII, Z4-7 . . . . .	5	8	☒ *	1460,00	162,00	18,00	5,20	
AA 501 <b>pachycarpa</b> , 100 cm, attractive, glossy leathery foliage, white umbels, VII-IX, Z4-10 . . . . .	20	9	*	256,00	32,00	4,00	4,00	
AA 516 ☼ <b>sylvestris 'Vicar's Mead' (taiwaniana)</b> [ <i>Ebony, Purpurea</i> ], Purple Holy Ghost, 150 cm, large umbels of pale purple pink, dark reddish-purple stems and leaves, VI-IX, Z4 . . . . .	5	1	Sol ☺ *	580,00	72,00	9,20	4,60	
<b>ANISOTOME</b> (Apiaceae, <i>Umbelliferae</i> )								
AA 497 ☼ <b>latifolia</b> , 60 cm, rosy-red, dense flower umbels, large leathery, pinnatifid foliage, glossy dark green, a rarity, VI-VII, Z7-9 . . . . .	7	1	△	–	128,00	16,00	8,00	
AA 499 <b>lyallii</b> , 45 cm, white umbels, fine divided dark green foliage, VI-VIII, Z7-9 . . . . .	5	1	☒	576,00	72,00	9,00	4,50	
<b>ANTENNARIA</b> (Asteraceae, <i>Compositae</i> )								
AA 512 <b>dioica</b> , 10 cm, pink-white, white felty leaves, for heather and rock garden, V-VI, Z4-7 . . . . .	0,25	15	△ w w * *	576,00	72,00	9,00	3,00	
AA 513 ☼ <b>dioica 'Rubra' (var. rosea)</b> , 10 cm, wine red, soft pink towards finishing, grey leaved, V-VI, Z4-7 . . . . .	0,25	15	△ w w * *	1536,00	192,00	24,00	6,00	
AA 517 ☼ <b>plantaginifolia</b> , Woman's Tobacco, 20 cm, white, remarkably wide, grey-green foliage, V-VII, Z2-7 . . . . .	0,25	8	△ w *	–	220,00	28,00	6,00	
<b>ANTHEMIS</b> (Asteraceae, <i>Compositae</i> )								
AA 515 <b>carpatica 'Karpatschnee'</b> , 15 cm, snow white, long lasting abundant flowers, cushion forming, fast growing, reblooms, lime free soil, V-VII, Z3-8 . . . . .	2	15	△	–	96,00	12,00	4,20	
nobilis - see <b>CHAMAEMELUM nobile</b>								
AA 520 <b>sancti-johannis</b> , 40 cm, bright orange, VI-VIII, Z3-8 . . . . .	2	15	⊗	98,00	14,00	2,00	2,00	
tinctoria - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
<b>ANTHERICUM</b> (Anthericaceae, Liliaceae)								
AA 530 <b>liliago</b> , 50 cm, white, V-VI, Z6-8 . . . . .	20	1		–	72,00	9,20	5,80	
liliastrum - see <b>PARADISEA</b>								
AA 538 <b>ramosum</b> , 70 cm, white, branched, VI-VIII, Z5-8 . . . . .	25	1		–	64,00	8,40	5,20	
<b>ANTHRISCUS</b> (Apiaceae, <i>Umbelliferae</i> )								
cerefolium - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
AA 540 <b>sylvestris</b> , Chervil, 60 cm, white, IV-VII, Z5-9 . . . . .	20	1	☒ ⊙	48,00	6,00	2,00	2,00	
AA 541 <b>sylvestris 'Ravenswing'</b> , 60 cm, white, bronze-purple-red foliage, very decorative, IV-VII, Z6-9 . . . . .	15	1	☒ *	512,00	64,00	8,00	6,00	
<b>ANTHYLLIS</b> (Papilionaceae, <i>Leguminosae</i> )								
AA 542 <b>montana 'Rubra'</b> , 10 cm, blood-red, VI-VIII, Z5-8 . . . . .	pure seed	10	1	⊗ △	–	96,00	12,00	6,00
AA 546 <b>vulneraria</b> , Kidney Vetch, 15-20 cm, yellow-orange, V-VI, Z4-9 (see also <b>Organic-Seeds</b> ) . . . . .	pure seed	8	8	△ \$ ⊙ ⊗	80,00	10,00	2,00	2,00
AA 544 <b>vulneraria var. coccinea [Red Carpet]</b> , 15 cm, red-orange, V-VIII, Z5-9 (see also <b>GOLD NUGGET SEED®</b> ) . . . . .	pure seed	8	9	△ ⊗ ⊙ ⊗	380,00	48,00	6,00	6,00
<b>ANTIRRHINUM</b> (Scrophulariaceae)								
asarina - see <b>ASARINA procumbens</b>								
AA 552 <b>braun-blanchetii [Lemon Sherbet, Candelabra]</b> , 50 cm, white with yellow throat, large blossoms, IV-X, Z4-10 . . . . .	1	15	△ ⊗	448,00	56,00	7,00	3,50	
AA 550 <b>sempervirens</b> , 15 cm, white Snapdragon flowers, pale lilac striped with yellow throat, silky hairy wintergreen foliage, very attractive species for dry protected positions, VI-VII, Z6-8 . . . . .	0,25	1	△ ⊗	–	64,00	8,00	4,00	

## Production – Breeding – Seed Technology

				Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>AQUILEGIA F1-Hybr.</b> (Ranunculaceae)										
<b>caerulea Songbird-Series</b> , 30-60 cm, a very early flowering columbine for container or rock gardens with extremely large flowers (5-9 cm), V-VII, Z4-7, . . . . .	<b>approx. 750 seeds = 1 g</b>									
AA 584 'Songbird Blue Bird', <small>(AGM)</small> , medium blue/white										
AA 583 'Songbird Cardinal', dark red/white										
AA 587 'Songbird Dove', <small>(AGM)</small> , white										
AA 588 'Songbird Goldfinch', yellow										
AA 591 'Songbird Nightingale', lavender/white										
AA 589 'Songbird Robin', pink/white										
AA 593 'Songbird Mix', rich colors										
<b>caerulea State-Series [Swan-Series]</b> , 50-80 cm, excellent outdoor performer and garden cut flower, uniform and multi-stemmed plants, very large blooms, V-VIII, Z3-7, . . . . .	<b>approx. 750 seeds = 1 g</b>									
AA 710 'Alaska' [Swan White], <small>(AGM)</small> , white										
AA 708 'Colorado' [Remembrance®, Swan Violet-White], <small>(PS)</small> , royal purple/violet-white										
AA 712 'Florida' [Swan Yellow], <small>(AGM)</small> , yellow										
AA 706 'Georgia' [Swan Red-White], red-white										
AA 702 'Louisiana' [Swan Burgundy-White], <small>(AGM)</small> , burgundy-white										
AA 707 'Montana' [Swan Pink/Rose-White], pink/rose-white										
AA 703 'Oregon' [Swan Pink-Yellow], pink-yellow										
AA 704 'Vermont' [Swan Lavender], lavender										
AA 700 'Virginia' [Swan Blue-White], blue-white										
AA 715 'State-Series Mix' [Swan Series Mix]										
<b>flabellata Cameo-Series</b> , only 10 cm, one of the smallest, compact-growing dwarf columbines, ideal for use as pot-plant or for rock gardens, V-VI, Z3-7, . . . . .	<b>approx. 1000 seeds = 1 g</b>									
AA 660 'Cameo Blue-White'										
AA 662 'Cameo Lightred-White'										
AA 664 'Cameo Pink-White'										
AA 666 'Cameo White'										
AA 668 'Cameo Softpink'										
AA 670 'Cameo Mixture'										
<b>flabellata Spring Magic-Series</b> , 35 cm, early flowering and semi tall columbine series, 5 - 6 cm large flowers, abundant flowering and vigorous growing, delicate silvery-green foliage, V-VI, Z3-7, . . . . .	<b>approx. 650 seeds = 1 g</b>									
AA 682 'Spring Magic Blue-White'										
AA 685 'Spring Magic Light-Red-Yellow'										
AA 686 'Spring Magic Pink-White' <small>(FS)</small>										
AA 688 'Spring Magic White'										
AA 687 'Spring Magic Yellow'										
AA 690 'Spring Magic Mix'										
<b>vulgaris var. stellata plena Barlow-Series</b> , 80 cm, fully double flowers, spurless, upright, also for cut flower production, V-VII, Z3-8, . . . . .	<b>approx. 650 seeds = 1 g</b>									
AA 785 <small>(B)</small> 'Black Barlow', purple-black										
AA 786 'Blue Barlow', violet-blue										
AA 796 <small>(B)</small> 'Bordeaux Barlow', dark ruby										
AA 787 'Christa Barlow', dark blue, white edged										
AA 788 <small>(B)</small> 'Nora Barlow', pink, green-white edged										
AA 789 'Rose Barlow', rose-pink										
AA 799 'White Barlow', white with green tips										
AA 779 'Barlow Choice Mix', color mixture										
<b>vulgaris Clementine-Series</b> , 45 cm, double upright facing flowers, spurless, compact habit, suitable as flowering container plant, V-VIII, Z3-8, . . . . .	<b>approx. 750 seeds = 1 g</b>									
AA 721 'Clementine Blue'										
AA 723 'Clementine Dark Purple'										
AA 725 'Clementine Red'										
AA 726 'Clementine Rose'										
AA 727 'Clementine Salmon Rose'										
AA 729 'Clementine White'										
AA 730 'Clementine Formula Mix' <small>(FS)</small>										

continued on the following page



ANTENNARIA plantaginifolia



AQUILEGIA 'Black Barlow'



AQUILEGIA 'Bordeaux Barlow'



AQUILEGIA 'Nora Barlow'



AQUILEGIA buergeriana



AQUILEGIA canadensis 'Little Lanterns'



AQUILEGIA flabellata var. pum. 'Selection'



AQUILEGIA flavescens

		Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>AQUILEGIA continuation</b>								
	<u>vulgaris Winky-Series</u> , 45 cm, upright facing flowers, abundant flowering, sturdy stems, compact habit, also suitable as pot-plant, V-VII, Z3-8, . . . . .	approx. 650 seeds = 1 g						
AA 671	'Winky Early Sky Blue'							
AA 672	'Winky Red-White'							
AA 674	'Winky Blue-White'							
AA 676	'Winky Purple-White'							
AA 678	'Winky Rose-Rose'							
AA 679	'Winky Single Formula Mix'							
AA 677	'Winky Double Dark-Blue-White'							
AA 680	'Winky Double Rose-White'							
AA 673	'Winky Double Red-White'							
AA 675	'Winky Double White-White'							
AA 681	'Winky Double Formula Mix'							
AA 594	<b>aikitensis - see flabellata</b>							
AA 598	<b>alpina</b> , 50 cm, blue, cultivated form, V-VI, Z3-8 . . . . .	5	16		192,00	28,00	4,00	2,00
AA 599	<b>atra</b> , 50 cm, black-violet, V-VI, Z3-8 . . . . .	5	1	△	352,00	44,00	6,20	3,10
AA 601	<b>buergeriana (atropurpurea)</b> , 45 cm, purple merges to yellow, even spurs, V-VI, Z6-9 . . . . .	2	8	△	460,00	58,00	7,20	3,60
AA 600	<b>buergeriana 'Calimero' [Blackcurrant Ice]</b> , 20 cm, purple with light yellow corolla, compact, even spurs, V-VI, Z6-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	8	△ ⚡	768,00	96,00	12,00	6,00
AA 600	<b>caerulea, wild form</b> , Colorado State Flower, 60 cm, blue with white corolla, rarely pure white, delicate foliage, V-VII, Z3-8 . . . . .	5	16	✗	72,00	9,00	1,50	0,75
AA 604	<b>Caerulea-Hyb. single colours</b> , 60 cm, large flowers, long spurs, V-VII, Z3-8							
AA 608	'Blue Star', blue with white corolla . . . . .							
AA 610	'Heavenly Blue' [ <i>Sky Blue, Blue Dream</i> ], sky blue shades . . . . .							
AA 614	'Koralle', coral colored shades with yellowish corolla . . . . .							
AA 618	'Kristall' [ <i>White Star, Crystal Star</i> ], pure white . . . . .							
AA 622	'Maxi' [ <i>Yellow Star</i> ], bright yellow . . . . .							
AA 620	'Rotstern' [ <i>Crimson Star</i> ], carmine-red with white corolla . . . . .							
AA 620	'Red Hobbit' [ <i>Danish Dwarf</i> ], 35 cm, a dwarf 'Rotstern', compact, VI-VIII, Z3-8 . . . . .	5	16	△	768,00	96,00	12,00	6,00
AA 644	<b>Caerulea-Hyb. Mixtures</b>							
AA 644	( <i>sibirica hort., vulgaris</i> ) 'Biedermeier', 35 cm, dwarf mix, bright colors, V-VI, Z2-8 . . . . .	5	16	✗	180,00	22,00	2,80	2,00
AA 632	'Dragon Fly', 50 cm, mixture, like McKana, but shorter, V-VII, Z3-8 . . . . .	5	16	✗	98,00	16,00	2,80	2,00
AA 636	'McKana', (AAS), 75 cm, giant blooming mixture, VI-VII, Z3-8 . . . . .	5	16	✗	98,00	16,00	2,80	2,00
AA 648	<b>canadensis</b> , (AGM), 45 cm, red with pale yellow corolla, V-VI, Z3-8 . . . . .	5	15	△	320,00	40,00	5,00	2,50
AA 649	<b>canadensis 'Corbett'</b> , 30 cm, light yellow, V-VI, Z3-8 . . . . .	3	15	✗ △ ⚡	256,00	32,00	5,40	2,70
AA 650	<b>canadensis 'Little Lanterns' [Hummingbird, Rhubarb &amp; Custard]</b> , (AGM), 25 cm, brilliant red with yellow corolla, dwarf and compact, V-VI, Z3-8 . . . . .	3	15	✗ △ ⚡	980,00	124,00	16,00	4,80
AA 647	<b>canadensis 'Pink Lanterns'</b> , (AGM), 30 cm, pink with straw-colored corolla, nodding flowers, delicate three-lobed foliage, an outstanding novelty from Dyck Arboretum, V-VII, Z3-8 . . . . .	2	15	✗ △ ⚡	—	—	32,00	16,00
AA 751	<b>chrysanthia</b> , 70 cm, yellow, smaller flowers, graceful growth, VI-VIII, Z3-8 . . . . .	3	15	—	72,00	9,00	1,80	0,90
AA 755	<b>chrysanthia Denver Gold®</b> , (PS), 80 cm, golden, robust and stable, reblooms after dead-heading, V-X, Z3-8 ( <i>see also Organic-Seeds</i> ) . . . . .	3	15	△ ✗	72,00	9,00	1,80	0,90
AA 752	<b>chrysanthia 'Yellow Queen'</b> , 80 cm, golden, long spurs, large flowering, VI-VIII, Z3-8 . . . . .	5	15	✗	224,00	32,00	4,60	2,30
	<b>ecalcarata</b> - see SEMIAQUILEGIA							
AA 760	<b>flabellata var. pumila f. alba</b> [ <i>White Angel</i> ], (AGM), 20 cm, wax-white, IV-VI, Z3-8 . . . . .	5	8	✗ △ ⚡	896,00	112,00	15,00	5,00
AA 592	<b>flabellata var. pumila f. kurilensis</b> [ <i>Rosea</i> ], 20 cm, pink, V-VI, Z3-8 . . . . .	3	8	✗ △ ⚡	896,00	112,00	15,00	5,00
AA 590	<b>flabellata var. pumila</b> [ <i>Ministar</i> ] [ <i>Blue Angel</i> ], 20 cm, blue, white nectary spurs, for rock garden, V-VI, Z3-8 . . . . .	5	8	✗ △ ⚡	896,00	112,00	15,00	5,00
AA 764	<b>flabellata var. pumila 'Selection'</b> , (AGM), 20 cm, bright blue with white nectary spurs, IV-VI, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	8	✗ △ ⚡	580,00	72,00	9,00	3,50
NEW! AA 766	<b>flavescens</b> , 40 cm, yellow, often soft pink tinged petals, V-VI, Z3-8 . . . . .	2	16	△	124,00	16,00	3,20	1,60
AA 768	<b>formosa</b> , 45 cm, brick-red with yellow, V-VI, Z3-8 . . . . .	5	8	△	112,00	15,00	3,00	1,50
AA 772	<b>glandulosa</b> , 20 cm, large flowering, deep blue with white, delicate, V-VI, Z3-7 . . . . .	3	8	△	—	—	—	9,80

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>AQUILEGIA continuation</b>								
AA 773	<i>nevadensis</i> , 50 cm, pale purple flowers with incurved spurs, V-VI, Z5-7 . . . . .	3	8	△	460,00	58,00	7,20	3,60
AA 774	<i>olympica</i> , 50 cm, bright blue with white corolla, large flowering, V-VI, Z5-7 . . . . .	5	9	△	–	112,00	15,00	5,00
AA 771	<i>oxysepala</i> , 60 cm, wine-red with yellow corolla, short spurs, V-VII, Z3-8 . . . . .	3	16	✗	460,00	58,00	7,20	3,60
AA 778	<i>rockii</i> , 40 cm, rich lilac, graceful flowers, white edged corolla, V-VII, Z5-7 . . . . .	3	9	△	512,00	64,00	8,00	4,00
AA 642	<i>sibirica</i> , 40 cm, brilliant blue with white corolla, very large flowering, V-VI, Z2-7 . . . . .	5	16	⊗ △ ✗	320,00	40,00	5,00	2,50
AA 740	<i>viridiflora</i> [ <i>Chocolate Soldier</i> ], 40 cm, green flowers with reddish-brown corolla, very unusual, V-VII, Z3-7 . . . . .	3	15	△	1540,00	192,00	24,00	6,00
AA 776	<i>vulgaris</i> , 50 cm, blue, V-VI, Z3-8 ( <i>see also Organic-Seeds</i> ) . . . . .	5	16	✗ ✗ ✎	112,00	14,00	2,00	2,00
AA 777	<i>vulgaris</i> 'Alba' [ <i>Munstead White</i> ], 50 cm, white, V-VI, Z3-8 . . . . .	5	16	△ ✗	242,00	30,00	3,80	2,00
AA 782	<i>vulgaris</i> 'Heidi' [ <i>Antique Pink</i> ],  70 cm, pink, V-VII, Z3-8 . . . . .	5	16	✗ ✗	242,00	30,00	3,80	2,00
AA 783	<i>vulgaris</i> 'William Guinness' [ <i>Magpie</i> ], 60 cm, almost black purple flowers with white corolla, V-VII, Z3-8 . . . . .	5	16	✗ ✗	320,00	40,00	5,00	2,50
AA 798	<i>vulgaris</i> var. <i>stellata plena</i> 'Green Apples' [ <i>Lemon Sorbet</i> ], 80 cm, white with green tips, double, sparsely, V-VII, Z3-8 . . . . .	5	16	✗ ✗	492,00	58,00	6,80	3,40
AA 790	<i>vulgaris</i> var. <i>stellata plena</i> 'Ruby Port', 70 cm, unicolored dark ruby, double, very exquisite, V-VII, Z3-8 . . . . .	5	16	✗ ✗	492,00	58,00	6,80	3,40
AA 792	<i>vulgaris</i> 'Grandmothers Garden', 60 cm, antique types, old pink, violet, wine-red, etc., V-VII, Z3-8 . . . . .	5	16	✗ ✗	168,00	21,00	2,80	2,00
AA 795	<i>vulgaris</i> 'Leprechaun Gold',  60 cm, violet, large flowering, striking golden and green marbled foliage. Best, 98% variegated form, V-VII, Z3-8 . . . . .	5	8	✿ ✗	384,00	48,00	6,00	3,00
AA 797	<i>vulgaris</i> 'Mellow Yellow', 60 cm, white blossoms, large flowering, with strongly golden coloured foliage in spring, soft light green in summer. Best 98% golden leaved form, V-VII, Z3-8 . . . . .	5	8	✿ ✗	384,00	48,00	6,00	3,00
AA 794	<i>vulgaris</i> 'Woodside Strain', 60 cm, mostly blue, violet, pink or white flowers, green-yellow marbled leaves, approx. 75% variegated or yellow leaved, very variable, V-VII, Z3-8 . . . . .	5	8	✿ ✗	320,00	40,00	5,00	2,50
<b>ARABIS (Brassicaceae, Cruciferae)</b>								
AA 800	<i>alpina</i> ssp. <i>caucasica</i> - see <i>caucasica</i>							
AA 802	<i>blepharophylla</i> 'Frühlingszauber' [ <i>Spring Charm</i> ],  20 cm, crimson, short-lived, III-V, Z5-9 . . . . .	1	15	⊗ △ ⊗	696,00	78,00	9,00	3,50
AA 804	<i>caucasica Compacta</i> 'Schneeball' [ <i>Snowball</i> ], 20 cm, pure white, III-IV, Z3-7 . . . . .	1	15	⊗ △ ⊗	1386,00	154,00	18,00	7,00
AA 808	<i>caucasica Compacta</i> 'Schneehaube' [ <i>Snow Cap, Snow Peak</i> ],  15 cm, white, compact, III-IV, Z3-7 . . . . .	1	15	⊗ △ ⊗	128,00	16,00	2,00	2,00
AA 809	<i>caucasica Compacta</i> 'Snowfix',  10 cm, white, dense flower carpets, compact habit, first year flowering without vernalisation, III-IV, Z3-7 . . . . .	1	15	⊗ △ ⊗	3520,00	392,00	44,00	7,40
AA 805	<i>caucasica</i> 'Little Treasure Deep Rose'™,  8 cm, bright deep rose, uniform dense flower carpets, very compact habit, first year flowering without vernalisation, III-V, Z3-7 . . . . .	1	15	⊗ △ ⊗	–	–	68,00	6,20
AA 807	<i>caucasica</i> 'Little Treasure White'™, 8 cm, brilliant pure white, uniform dense flower carpets, very compact habit, first year flowering without vernalisation, III-V, Z3-7 . . . . .	1	15	⊗ △ ⊗	–	442,00	52,00	5,80

continued on the following page



AQUILEGIA olympica



AQUILEGIA rockii



AQUILEGIA sibirica



AQUILEGIA viridiflora



AQUILEGIA vulgaris 'Leprechaun Gold'



AQUILEGIA vulgaris 'Mellow Yellow'



ARABIS 'Little Treasure Deep Rose'™



ARABIS 'Little Treasure Deep White'™



**ARABIS caucasica 'Pixie Cream'**



**ARALIA cordata f. aurea**



**ARENARIA ledebouriana**

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>ARABIS continuation</b>							
AA 810 <i>caucasica 'Pixie Cream'</i> , , 10 cm, creamy yellow with bright sulphur yellow eye, compact habit, velvety grey-green leaves, first year flowering from seed, III-IV, Z3-7 .....	0,5	15		1536,00	192,00	24,00	6,00
AA 812 <i>caucasica 'Compinkie' [Pinkie]</i> , 15 cm, intense pink, III-IV, Z3-7 .....	1	15		2142,00	252,00	28,00	5,00
AA 816 <i>caucasica (x arendsi) Rosea 'La Fraicheur'</i> , 20 cm, fresh pink, III-IV, Z3-7 .....	1	15		240,00	32,00	4,00	2,00
AA 832 <i>procurrens 'Glacier'</i> , 10 cm, white, evergreen groundcover, IV-VI, Z4-7 .....	0,5	9		768,00	96,00	12,00	4,00
<b>ARALIA (Araliaceae)</b>							
NEW! AA 843 <i>cordata f. aurea [Sun King]</i> , , 140 cm, creamy white umbels, golden foliage, V-VIII, Z3-9 .....	3	8	Sol	–	–	16,00	4,20
AA 830 <i>racemosa</i> , American Spikenard, 150-200 cm, white flower umbels, following dark red berries, VI-VIII, Z4-10 .....	5	8	Sol	–	42,00	5,20	2,80
<b>ARCTANTHEMUM (Asteraceae, Compositae)</b>							
CA 382 <i>arcticum (CHRYSANTHEMUM)</i> , 30 cm, white and pink, IX-X, Z1-8 .....	2	15		720,00	90,00	12,00	6,00
<b>ARCTIUM lappa - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<b>ARCTOSTAPHYLOS (Ericaceae)</b>							
AA 848 <i>uva-ursi</i> , 5 cm, white-rose, groundcover, evergreen, red berries, III-V, Z2-8,..... <b>pure seed</b>	30	6		160,00	20,00	2,60	2,60
<b>ARENARIA (Caryophyllaceae)</b>							
AA 850 <i>ledebouriana</i> , 5 cm, white, dense cushions, VI-VIII, Z5-8 .....	1	9		1792,00	224,00	32,00	6,00
AA 852 <i>montana [Avalanche, Snowwhite]</i> , , 10 cm, white, large flowers, V-VIII, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> .....	4	1		768,00	96,00	12,00	6,00
AA 855 <i>rubra</i> - see <i>SPERGULARIA rubra</i>							
AA 855 <i>serpyllifolia</i> , Thyme-Leaved Sandwort, 10 cm, white, V-IX, Z4-7 .....	0,25	15	–	128,00	16,00	2,00	2,00
<b>ARGEMONE (Papaveraceae, Fumariaceae)</b>							
platyceras - see <b>Organic Seed</b>							
AA 860 <i>polyanthemos</i> , Plains Prickly Poppy, 100 cm, white, very large flowering, grey-green foliage, VI-IX, Z3-11,	10	1		160,00	22,00	3,40	2,00
<b>ARISAEMA (Araceae)</b>							
AA 876 <i>ciliatum</i> , 80 cm, striped spathe, VII-VIII, Z5-9 .....	45	16		–	46,00	5,80	7,20
AA 862 <i>consanguineum</i> , 100 cm, large umbrella like leaf, green spathe with long tail, red berry clusters, VII-IX, Z5-9 .....	50	16		–	60,00	7,50	9,60
AA 826 <i>flavum</i> , 45 cm, yellow-green spathe, V-VI, Z5-10 .....	30	16		–	42,00	5,00	5,00
AA 866 <i>jacquemontii</i> , 40 cm, mostly green and striped spathe, VII-X, Z5-9 .....	15	16		–	–	9,80	5,20
AA 870 <i>tortuosum</i> , 120 cm, green or purple spathe, spadix extension purple, curled and very long, appears above the foliage, V-VII, Z6-9 .....	60	16		240,00	30,00	3,80	8,00
AA 872 <i>triphyllum (atrorubens)</i> , 40 cm, Jack in the Pulpit, spathe with purple interior and bright stripes, with red berries, III-IV, Z3-8 .....	80	16		–	24,00	3,20	8,00
<b>ARISTOLOCHIA clematitis - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<b>ARMERIA (Plumbaginaceae)</b>							
AA 902 <i>alliaea var. leucantha</i> , 30 cm, pure white, VI-VIII, Z4-9,..... <b>pure seed</b>	5	9		–	96,00	12,00	6,00
AA 892 <i>Maritima-Hybr. 'Ornament'</i> , 30 cm, white to dark pink, large blossoms, wintergreen foliage, V-VII, Z4-9,..... <b>pure seed</b>	3	16		–	162,00	18,00	4,00
AA 899 <i>maritima 'Alba' [Ministick White]</i> , 15 cm, pure white, V-VII, Z3-7,..... <b>pure seed</b>	2	16		464,00	58,00	7,20	3,60
AA 886 <i>maritima 'Morning Star Deep Pink'</i> , 15 cm, brilliant deep pink, dense and rich flowering, compact habit, first year flowering without vernalisation, IV-IX, Z3-7,..... <b>approx. 1500 seeds = 1g, pure seed</b>	1,5	16		–	288,00	32,00	4,80
AA 887 <i>maritima 'Morning Star White'</i> , 15 cm, brilliant white, dense and rich flowering, compact habit, 1. year flowering without vernalisation, IV-IX, Z3-7,..... <b>approx. 1500 seeds = 1g, pure seed</b>	1,5	16		–	288,00	32,00	4,80
AA 901 <i>maritima 'Splendens' (laucheania) [Sea Pink, Ministick Rose]</i> , 15 cm, rosy-red, V-VII, Z3-7,..... <b>pure seed</b>	2	16		464,00	58,00	7,20	3,60
AA 896 <i>pseudarmeria (latifolia, formosa)</i> , 30 cm, large flowering varieties, VI-VIII, Z4-9,..... <b>pure seed</b>	2	16		256,00	32,00	4,00	2,00
<i>pseudarmeria Ballerina-Series</i> , , 25 cm, large globular flowers, rich flowering, compact habit, flowers in the first year, V-IX, Z4-9							
AA 900 'Ballerina Lilac'							
AA 903 'Ballerina Red'							
AA 905 'Ballerina White'							
<b>pure seed</b>	1,5	16		–	–	64,00	7,80

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>ARNEBIA</b> (Boraginaceae)							
AA 910 <b>pulchra (echioides)</b> , Prophet Flower, 25 cm, golden with black spots, rough lanceolate foliage, IV-V, Z5-9 .....	30	1	△	790,00	98,00	14,00	14,00
<b>ARNICA</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>ARTEMISIA</b> (Asteraceae, Compositae)							
absinthium - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
annua - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
AA 916 <b>chamaemelifolia</b> , 20 cm, aromatic, yellow, VI-VII, Z3-6 .....	0,5	15	△	-	-	9,60	4,80
dracunculus - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
genipi - see Perennial Herbs - Culinary, Teas and Medicinal							
AA 926 <b>lactiflora</b> ,  White Mugwort, 180 cm, white panicles, dark green foliage, IX-X, Z3-8 .....	0,5	15	‡ × Sol	960,00	120,00	15,00	5,00
AA 928 <b>laxa (umbelliformis, mutellina)</b> , 10 cm, intense fragrance, mat-forming, yellow blossom racemes, VII-IX, Z3-6 .....	0,5	15	vvw △ N	-	-	28,00	7,00
AA 930 <b>ludoviciana</b> , Western Mugwort, White Prairie Sage, 60 cm, yellowish flowers, grey aromatic leaves, variable, VII-VIII, Z4-9 .....	0,5	15	‡ ×	128,00	16,00	2,00	2,00
scoparia - see Perennial Herbs - Culinary, Teas and Medicinal							
AA 937 <b>stelleriana 'Mori's Strain' [Boughton Silver]</b> , 20 cm, yellowish flowers, white felt-like pinnatifid lobed leaves, creeping, very attractive foliage plant, VI-VII, Z3-7 .....	2	15	vvw △ 🍁	-	192,00	24,00	7,20
<b>VULGARIS</b> - see Perennial Herbs - Culinary, Teas and Medicinal							
<b>ARTHROPODIUM</b> (Anthericaceae)							
AA 912 <b>cirratum</b> , Rock Lily, 60 cm, white panicles, wide-lanceolate dark green foliage, V-VII, Z7-9 .....	5	16	🍁	240,00	30,00	3,80	3,80
<b>ARUM</b> (Araceae)							
AA 933 <b>alpinum (cylindraceum)</b> , 20 cm, green spathe, orange-red fruiting heads, IV-V, Z6-8 .....	100	6	△ ✕ &	98,00	14,00	2,00	7,00
AA 936 <b>italicum ssp. italicum</b> , 30 cm, orange-red berries, leaves silvery-white veined, IV-V, Z4-9 .....	100	6	✖ ✕ &	52,00	8,00	2,00	4,00
AA 940 <b>maculatum</b> , 30 cm, coral-red berries, green to spotted leaves, IV-V, Z4-9 .....	100	6	✖ ✕ & \$	52,00	8,00	2,00	4,00
<b>ARUNCUS</b> (Rosaceae)							
AA 944 <b>aethusifolius [Noble Spirit]</b> ,  30 cm, white with partially red stems, fine feathery foliage, V-VII, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	0,5	1	△ ✕	768,00	96,00	12,00	3,00
AA 952 <b>dioicus (sylvestris)</b> ,  160 cm, white, from selected plants, V-VI, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	1	9	✖ ✕ 🌸	144,00	20,00	3,00	2,00
AA 954 <b>dioicus Kneiffii-Hybr. 'Whirlwind'</b> ,  140 cm, bright creamy-white flower panicles, finely dissected pinnatifid foliage, slightly wider than 'Kneiffii', spherical up to 50 cm high foliage clumps, graceful and sturdy habit, slow growing but very durable and long lived foliage plant, V-VII, Z3-9 .....	0,5	16	🍁 △ 🌸	-	864,00	96,00	9,60
AA 958 <b>dioicus var. kamtschaticus</b> , 90 cm, white panicles, compact habit, VI-VII, Z3-9 .....	0,5	9	✖ ✕ 🌸	384,00	48,00	6,00	3,00
AA 948 <b>sinensis</b> , 150 cm, white, blooms after A. dioicus, VI-VII, Z3-9 .....	1	16	✖	144,00	20,00	3,00	2,00
AA 956 <b>sinensis 'Zweiweltenkind' [Child of Two Worlds]</b> , 150 cm, white, upright panicles, hybrid between dioicus and sinensis, VI-VII, Z3-9 .....	1	16	✖ Sol	-	-	9,00	3,20



ARENARIA montana



ARGEMONE polyanthemos



ARMERIA 'Morning Star Deep Pink'



ARMERIA maritima 'Morning Star White'



ARNEBIA pulchra



ARTEMISIA stelleriana 'Mori's Strain'



ARTHROPODIUM cirratum



ARUM italicum ssp. italicum

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>ASARINA</b> (Scrophulariaceae)								
AA 964	<b>procumbens</b> ( <i>ANTIRRHINUM asarina</i> ), 8 cm, light yellow with darker lip, flag soft pink veined, fragrant, IV-X, Z6-9 . . . . .	1	9	△ ↗ \$	384,00	48,00	6,00	3,00
<b>ASARUM</b> (Aristolochiaceae)								
AA 967	<b>canadense</b> , 15 cm, brownred, young leaves light green, intensely hairy, III-IV, Z3-8 . . . . .	10	19	↗ \$ ☘	460,00	54,00	6,00	4,50
AA 968	<b>caudatum</b> , Wild Ginger, 20 cm, bright reddish brown, large heart-shaped foliage, mostly evergreen groundcover, V-VI, Z6-9 . . . . .	12	19	↗ \$ ☘	–	72,00	9,40	7,20
AA 969	<b>caulescens</b> , 15 cm, bright red, summer green, cordate leaves, V-VII, Z6-9 . . . . .	15	19	△ ☘	–	–	9,40	7,20
AA 972	<b>europaeum</b> , 10 cm, brownred, glossy dark green leaves, evergreen, III-IV, Z4-7 . . . . .	12	19	☐ \$ ☘	460,00	54,00	6,00	4,50
<b>ASCLEPIAS</b> (Asclepiadaceae)								
NEW! AA 973	<b>asperula</b> , Antelope Horns Milkweed, 40 cm, greenish-yellow umbels, broad lanceolate foliage, IV-VIII, Z3-9 . . . . .	10	16	⊗ ✕	–	96,00	12,00	4,80
AA 974	<b>curassavica</b> , 70 cm, scarlet-red with orange, evergreen, VI-IX, Z8-11 . . . . .	10	15	① ✕ ☘	560,00	70,00	8,80	5,00
AA 975	<b>fruticosa</b> ( <i>GOMPHOCARPUS</i> ), Swan Plant Milkweed, Tennis Ball Bush, 90 cm, creamy white, conspicuous large pointed, inflated fruits, V-VII, Z7-11 . . . . .	20	9	⊗ ✕	360,00	46,00	5,80	5,80
AA 976	<b>incarnata</b> [ <i>Soulmate</i> , <i>Cinderella</i> ], 100 cm, pinkred, vanilla-scented, VII-VIII, Z3-9 (see also GOLD NUGGET SEED®) . . . . .	20	9	① ✕ ☘ & ☙	192,00	24,00	3,00	3,00
AA 977	<b>incarnata</b> 'Iceballet' [ <i>Milkmaid</i> , <i>Ice Follies</i> ], <b>physocarpa</b> ( <i>GOMPHOCARPUS</i> ) [ <i>Hairy Balls</i> ], 100 cm, white, long lasting, VII-IX, Z3-9 (see also GOLD NUGGET SEED®) . . . . .	20	8	① ✕ ☘ & ☙	192,00	24,00	3,00	3,00
AA 978	<b>physocarpa</b> ( <i>GOMPHOCARPUS</i> ) [ <i>Hairy Balls</i> ], 140 cm, cream-white to pink, narrow leaves, large round inflated fruits, VI-IX, Z7-10 . . . . .	20	9	① ✕ ☘	320,00	40,00	5,00	5,00
AA 979	<b>speciosa</b> , 100 cm, purple-pink flowers in bell shaped umbels, large, slightly hairy foliage, VI-VIII, Z2-9 . . . . .	15	15	✖	216,00	27,00	3,40	3,40
AA 984	<b>tuberosa</b> [ <i>Orange Butterfly</i> ], Butterfly Weed, 70 cm, orange, VI-VIII, Z3-8 (see also Organic-Seeds) . . . . .	15	9	① ✕ ☘ & ☙	160,00	20,00	3,00	3,00
AA 985	<b>tuberosa</b> ssp. <b>interior</b> , 70 cm, brilliant orange umbels, narrow foliage, also tolerates heavy and moist soils, very vigorous, VI-VIII, Z3-8 (see also GOLD NUGGET SEED®) . . . . .	15	9	① ✕ ☘ & ☙	240,00	32,00	4,20	4,20
AA 988	<b>tuberosa</b> 'Gay Butterflies', 70 cm, mixture of yellow, orange and red-orange, VI-VIII, Z3-8 (see also GOLD NUGGET SEED®) . . . . .	15	9	① ✕	320,00	40,00	5,80	5,80
AA 986	<b>tuberosa</b> 'Hello Yellow', 60 cm, yellow to orange-yellow shades, the first time as a separate colour, VI-VIII, Z3-8 . . . . .	15	9	① ✕	320,00	40,00	5,80	5,80
AA 990	<b>verticillata</b> , 40 cm, white umbels, needle-like foliage, VI-VIII, Z4-9 . . . . .	5	9	✖	256,00	32,00	4,00	2,00
NEW! AA 994	<b>viridis</b> , 50 cm, green flower umbels, bushy habit, V-IX, Z3-9 . . . . .	15	8	⊗ ✕	520,00	64,00	8,00	4,50
<b>ASPARAGUS</b> (Asparagaceae, Liliaceae)								
AA 992	<b>off. var. pseudoscaber</b> 'Spitzenschleier', 100 cm, flowers inconspicuous, outstanding for use in flower arranging, V, Z3-10 . . . . .	50	7	✖ \$ ☘ & ☙	–	30,00	3,80	3,80
AA 996	<b>verticillatus</b> , 250 cm, richly branched stems, decorative foliage, red berries, V, Z3-8 . . . . .	100	7	✖ ☘ & ☙	–	16,00	2,00	3,80



ARUNCUS aethusifolius



ARUNCUS Kneiffii-Hybr. 'Whirlwind'



ASCLEPIAS asperula



ASARUM europaeum



ASCLEPIAS incarnata 'Iceballet'

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>ASPERULA</b> (Rubiaceae)								
AB 002	<i>cynanchica</i> , Squinancy Wort, 20 cm, pale pink, abundant flowering cushions, without runners, VI-IX, Z4-7 . . . . .	5	16	△	224,00	28,00	3,60	2,40
	<i>odorata</i> - see <b>GALIUM odoratum</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<b>ASPHODELINE</b> (Asphodelaceae, <i>Liliaceae</i> )								
AB 010	<i>liburnica</i> , 90 cm, yellow, V-VI, Z4-7 . . . . .	30	9	✗	144,00	18,00	2,50	2,50
AB 014	<i>Iutea</i> [ <i>Gelbe Kerze, Yellow Candle</i> ], 80 cm, yellow with narrow leaves, V-VI, Z5-8 (see also <b>GOLD NUGGET SEED®</b> ). . . . .	40	9	✗	136,00	17,00	2,20	2,20
AB 015	<i>taurica</i> , 50 cm, white, dense raceme, IV-VI, Z5-8 . . . . .	15	9	✗ △	210,00	26,00	3,20	3,20
<b>ASPHODELUS</b> (Asphodelaceae, <i>Liliaceae</i> )								
AB 018	<i>albus</i> , 100 cm, white with brown bracts, decorative flowering panicles, V-VI, Z5-9 . . . . .	40	5	④ ✗ ✗	-	26,00	3,20	2,60
<b>ASTELIA</b> (Asteliaceae)								
AB 025	<i>banksii</i> , Wharawhara, 120 cm, cream coloured inconspicuous flower umbels, but with violet-black berries, silvery-green, sword-like foliage, valuable foliage plant, V-VI, Z8-10 . . . . .	5	8	◆ &	960,00	120,00	16,00	8,00
AB 022	<i>chathamica</i> [ <i>Silver Spear</i> ], , 120 cm, inconspicuous flower umbels, but with red berries, silvery-grey sword-like foliage, very decorative foliage plant, V-VI, Z8-10 . . . . .	10	8	◆ &	960,00	120,00	16,00	8,00
AB 023	<i>fragrans</i> , 160 cm, inconspicuous flowers, red berries, sword-like, broad foliage, green with reddish rib, foliage plant, V-VI, Z8-10 . . . . .	10	8	◆ &	360,00	46,00	5,80	2,90
<b>ASTER</b> (Asteraceae, <i>Compositae</i> )								
AB 020	<i>alpinus</i> , , 30 cm, light blue, V-VI, Z3-7 . . . . .	5	15	△ ✗	298,00	38,00	5,60	2,90
AB 026	<i>alpinus</i> 'Albus' [ <i>Weiße Schöne, White Beauty</i> ], 30 cm, white, V-VI, Z3-7 . . . . .	5	15	△ ✗	540,00	68,00	9,60	4,80
AB 030	<i>alpinus</i> 'Dunkle Schöne' [ <i>Dark Beauty</i> ], 30 cm, dark violet, V-VI, Z3-7 . . . . .	5	15	△ ✗	160,00	20,00	2,50	2,00
AB 034	<i>alpinus</i> 'Goliath', 30 cm, soft blue, large flowers, V-VI, Z3-7 . . . . .	5	15	✗	256,00	32,00	4,00	2,00
AB 040	<i>alpinus</i> 'Pinkie', , 30 cm, intense pink, large flowers, V-VI, Z3-7 . . . . .	1	8	✗ ⊙	-	-	12,00	6,00
AB 038	<i>alpinus</i> 'Happy End', 25 cm, pink, V-VI, Z3-7 . . . . .	3	15	△ ✗	-	24,00	3,00	2,00
AB 042	<i>alpinus</i> , Formlar Mix [ <i>Trimix</i> ], 30 cm, blue, white, pink, V-VI, Z3-7 . . . . .	2	9	✗	768,00	96,00	12,00	6,00
AB 048	<i>amellus</i> 'Rudolf Goethe', 50 cm, lavender blue, VII-IX, Z5-8 . . . . .	1	15	✗	480,00	60,00	7,60	3,80
AB 056	<i>azureus</i> ( <i>SYMPHYOTRICHUM</i> ), 70 cm, brilliant blue, VIII-X, Z3-8 . . . . .	3	16	✗	-	40,00	5,20	2,60
AB 060	<i>bigelovii</i> ( <i>MACHAERANTHERA</i> ), 70 cm, lilac, VI-IX, Z7-10 . . . . .							
AB 061	<i>coloradoensis</i> ( <i>MACHAERANTHERA</i> ), Colorado Tansy Aster, 15 cm, pink, large flowers, rare, VI-X, Z4-9 . . . . .							
	continued on the following page							



ASCLEPIAS tuberosa



ASCLEPIAS tuberosa 'Gay Butterflies'



ASCLEPIAS tuberosa 'Hello Yellow'



ASCLEPIAS viridis



ASPHODELINE liburnica



ASTELIA banksii



ASTELIA chathamica



ASTER coloradoensis



ASTER turbinellus

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>ASTER continuation</b>								
AB 076	<b>macrophyllus (EURYBIA)</b> , Bigleaf Aster, 80 cm, light violet to white umbels, VII-IX, Z3-7 . . . . .	3	9	↔	768,00	96,00	12,00	6,00
AB 080	<b>novae-angliae (SYMPHYOTRICHUM)</b> , 160 cm, pink, red, purple, IX-X, Z2-8 . . . . .	2	16	×	648,00	72,00	8,00	4,00
AB 088	<b>novi-belgii (SYMPHYOTRICHUM)</b> , 140 cm, blue, pink and white colors, new variations, for groups, IX-X, Z2-8 . . . . .	5	16	⊗ ×	892,00	98,00	12,00	6,00
AB 089	<b>oblongifolius (SYMPHYOTRICHUM)</b> , Aromatic Aster, 50 cm, purple violet umbels, large flowering, VIII-X, Z4-9 . . . . .	1	15	△ ×	–	98,00	14,00	7,00
AB 092	<b>ptarmicoides (OLIGONEURON album)</b> , 35 cm, white umbels, VII-IX, Z3-9 . . . . .	3	9	×	256,00	32,00	4,00	2,00
AB 094	<b>puniceus (SYMPHYOTRICHUM)</b> , 120 cm, violet-blue umbels, dark stems, VIII-X, Z3-9. . . . .	3	9	×	–	112,00	14,00	7,00
AB 095	<b>pyrenaeus</b> , 50 cm, bluish lilac, robust habit, VIII-IX, Z5-7 . . . . .	3	9	△	384,00	48,00	6,00	3,00
AB 090	<b>spectabilis (EURYBIA)</b> , Eastern Showy Aster, 40 cm, brilliant violet umbels, narrow foliage, VIII-X, Z4-9 . . . . .	3	9	× △	480,00	60,00	8,00	4,00
AB 100	<b>tonganensis (subcaeruleus) 'Wartburgstern' [Wartburg Star]</b> , 50 cm, violet-blue, V-VI, Z4-8 . . . . .	5	16	× △	288,00	36,00	4,60	2,30
AB 106	<b>tuftosus (SYMPHYOTRICHUM)</b> , (AGM), 120 cm, violet-blue, rich flowering and highly branched, very attractive Fall Aster, IX-XI, Z3-7 . . . . .	3	9	×	892,00	98,00	12,00	4,00
<b>ASTILBE (Saxifragaceae)</b>								
AB 110	<b>Arendsii-Hybr. 'Bunter Zauber' [Grande]</b> , 80 cm, rich colour mix with upright, slender flowering panicles, VI-VII, Z4-8 . . . . .	0,25	16	×	2910,00	324,00	36,00	6,00
AB 116	<b>Arendsii-Hybr. 'Showstar'</b> , 35 cm, red, pink, cream to white, compact, VI-VIII, Z4-8 . . . . .	0,1	15	⊗ ×	–	–	320,00	9,60
AB 124	<b>chinensis</b> , 60 cm, lilac-rose, VII-IX, Z3-8 . . . . .	0,5	15	×	720,00	90,00	12,00	4,00
AB 126	<b>chinensis var. pumila</b> , (AGM), 25 cm, lilac-pink, upright panicles, magnificent groundcover, VIII-IX, Z3-8 . . . . .	0,5	15	× ↗	1540,00	192,00	24,00	6,00
AB 134	<b>chinensis var. taquetii Hybr.</b> , 100 cm, lilac shades, tolerates dryness better than other Astilbes, VII, Z3-8 . . . . .	0,5	16	×	1152,00	144,00	18,00	5,00
AB 132	<b>Japonica-Hybr. Mixture</b> , 50 cm, pink, red, white, VI-VII, Z4-6 . . . . .	0,25	15	×	–	240,00	30,00	6,00
AB 129	<b>myriantha</b> , 50 cm, pink, semi-shade, VI-VII, Z4-7 . . . . .	0,5	9	×	–	–	30,00	6,00
AB 135	<b>Thunbergii-Hybr.</b> , 50 cm, white to pink, VII-VIII, Z4-8 . . . . .	0,25	9	×	–	240,00	30,00	6,00
<b>ASTILBOIDES (Saxifragaceae)</b>								
AB 138	<b>tabularis (RODGERSIA tabularis)</b> , 100 cm, white, V-VII, Z4-8 . . . . .	0,25	15	× ≈ ☘	–	–	78,00	8,00
<b>ASTRAGALUS (Papilionaceae, Leguminosae)</b>								
AB 144	<b>canadensis</b> , Canada Milkvetch, 100 cm, greenish-yellow spikes, VII-VIII, Z3-8 . . . . .	5	16	×	176,00	22,00	3,00	2,20
AB 146	<b>centralpinus</b> , 80 cm, golden, dense spikes, woolly, feathery foliage, VII-VIII, Z4-9 . . . . .	15	8	× △	–	32,00	4,00	4,00
	<b>membranaceus var. mongolicus</b> - see <b>Perennial Herbs + Organic Seed</b>							
<b>ASTRANTIA (Apiaceae, Umbelliferae)</b>								
AB 162	<b>major</b> , 60 cm, white, pink veined, VI-VIII, Z5-7 . . . . .	10	1	× ☘	224,00	28,00	3,50	3,50
AB 165	<b>Major-Hybr. 'Primadonna' [Ruby Stars]</b> , 70 cm, purple to rose shades, VI-VII, Z5-7 . . . . .	10	1	× ☘	380,00	48,00	6,00	4,50
AB 166	<b>Major-Hybr. 'Rosensinfonie' [Rose Symphony]</b> , (AGM), 75 cm, a symphony of purple, red and pink shades, excellent cut flower, VI-VIII, Z5-7 . . . . .	10	1	× ☘	380,00	48,00	6,00	4,50
AB 170	<b>maxima</b> , 40 cm, mostly pink, VI-VII, Z5-7 . . . . .	10	1	×	380,00	48,00	6,00	4,50
AB 174	<b>minor</b> , Lesser Masterwort, 40 cm, white, delicate, VII-VIII, Z5-7 . . . . .	3	1	△	–	120,00	16,00	6,00
<b>ASYNEUMA (Campanulaceae)</b>								
AB 180	<b>canescens</b> , 100 cm, blue-violet, VI-VIII, Z4-8 . . . . .	1	9	△	–	–	–	5,80
<b>ATHAMANTA (Apiaceae, Umbelliferae)</b>								
AB 182	<b>cretensis</b> , 25 cm, delicate leaves, white blossom panicles, V-VI, Z5-8 . . . . .	10	1	△	–	–	7,80	3,20
<b>ATRIPLEX - see Organic Seed</b>								
<b>ATROPA (Solanaceae)</b>								
AB 188	<b>bella-donna</b> , Deadly Nightshade, 150 cm, brown-green, brilliant black berries, poisonous! VI-VIII, Z5-10 ( <i>see also Organic-Seeds</i> ) . . . . .	3	1	⊗ ✕ \$	72,00	12,00	2,00	2,00

**Production – Breeding – Seed Technology**

				Gram to get 1000 plants	N° of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>AUBRIETA</b> (Brassicaceae, <i>Cruciferae</i> )										
x <i>cultorum</i> , IV-V, Z3-8										
AB 192 'Cascade Blue', 10 cm, deep blue, large flowers										
AB 194 'Cascade Purple', 10 cm, purple, large flowers										
AB 198 'Cascade Red', (AGM) 10 cm, carmine red, large flowers										
AB 216 ☼ x <i>cultorum</i> 'Pixie Pearls', 10 cm, brilliant white, large flowering, healthy habit, dense cushions, IV-V, Z3-8				1	16	❀ ↗△	440,00	56,00	7,20	3,60
x <i>cultorum</i> , IV-V, Z3-8										
AB 218 'Royal Blue', 10 cm, deep blue, large flowers										
AB 222 'Royal Red', 10 cm, intense carmine-red, large flowers										
AB 223 'Royal Violet', 10 cm, dark violet, large flowers										
AB 226 'Whitewell Gem', 15 cm, dark purple										
<b>AURINIA saxatilis</b> - see <b>ALYSSUM saxatile</b>										
<b>BALSAMORHIZA</b> (Asteraceae, <i>Compositae</i> )										
BA 009 sagittata, 40 cm, bright yellow, V-VI, Z4-7				20	1	△	280,00	35,00	4,50	4,50
<b>BAPTISIA</b> (Papilionaceae, <i>Leguminosae</i> )										
BA 015 ☼ australis [Caspian Blue], (AGM) (PPA), 150 cm, entire plant blue-green, attractive foliage, blooms lilac-blue, VI-VIII, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> )				40	8	Sol ✕	160,00	20,00	2,50	2,50
BA 012 australis 'Alba', 120 cm, white flowering panicles, light green foliage, VI-VIII, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> )				40	8	Sol ✕	–	96,00	12,00	12,00
BA 016 ☼ australis var. minor (minor), 80 cm, lilac-blue, flowers distinct over the foliage, blue-green, compact, VI-VIII, Z3-9				40	8	△	480,00	60,00	7,50	7,50
BA 017 leucantha (lactea, alba var. macrophylla), 120 cm, white, VI-VIII, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> )				40	8	Sol	256,00	32,00	4,00	4,00
BA 018 leucophaea (bracteata var. leucophaea), 50 cm, pale yellow, VI-VIII, Z3-9				40	8	△	256,00	32,00	4,00	4,00
BA 020 ☼ pendula (alba), 120 cm, pure white, new growth of stems and leaves is black-red, VI-VIII, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> )				40	8	Sol ✕	648,00	72,00	8,00	8,00
BA 011 perfoliata, 120 cm, yellow, blue-green eucalyptus-like foliage, VII-VIII, Z5-9				30	8	Sol ✕	480,00	60,00	7,50	7,50
BA 019 ☼ sphaerocarpa (viridis), 100 cm, brilliant yellow flower panicles, upright habit, VI-VIII, Z5-8...				40	8	Sol ✕	648,00	72,00	8,00	8,00
BA 021 tinctoria, Wild Indigo, 100 cm, yellow flower racemes, VII-VIII, Z3-9				15	8	❖ ‡	960,00	120,00	16,00	9,80
<b>BARBAREA vulgaris</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>										
<b>BARTSIA</b> (Scrophulariaceae)										
BA 022 alpina, 15 cm, violet with dark violet bracts, V-VIII, Z4-7				0,5	1	△	–	–	16,00	4,00



ASTILBE chinensis var. taquetii Hybr.



ASTRANTIA maxima



AUBRIETA x cultorum 'Pixie Pearls'



BAPTISIA australis



BAPTISIA australis var. minor



**BAPTISIA pendula**



**BAPTISIA sphaerocarpa**



**BERGENIA cordifolia 'Winterglut'**



**BELAMCANDA flabellata 'Hello Orange'**



**BELAMCANDA flabellata 'Hello Yellow'**

		Gram to get 1000 plants	N° of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>BELAMCANDA (Iridaceae)</b>								
	chinensis - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
BA 027	flabellata 'Hello Yellow', 40 cm, golden, large flowering, compact habit, VII-IX, Z5-9 . . . . .	40	1/7	❖ ✕	368,00	46,00	5,80	5,80
NEW! BA 028	flabellata 'Hello Orange', 40 cm, brilliant orange with dark spots, large flowers, compact habit, VII-IX, Z5-9 . . . . .	40	1/7	❖ ✕	368,00	46,00	5,80	5,80
	norisii - see PARDANCANDA							
<b>BELLIS (Asteraceae, Compositae)</b>								
	perennis - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
	perennis Rominette-Series, 15 cm, quilled flowers, improvement over 'Pomponette', II-VI, Z4-7							
BA 035	'Rominette Carmine-rose'							
BA 030	'Rominette Pink'							
BA 031	'Rominette Red'							
BA 033	'Rominette White'							
BA 024	'Rominette Mixture'							
		0,25	15	● △ ○ ♀	-	342,00	38,00	3,40
<b>BERARDIA (Asteraceae, Compositae)</b>								
BA 032	subacaulis, 5 cm, light yellow, VI-VII, Z4-7 . . . . .	20	16	△	-	-	32,00	16,00
<b>BERGENIA (Saxifragaceae)</b>								
BA 034	cordifolia, 60 cm, rosy-red, III-IV, Z3-8 . . . . .	1	15	✖ △ ⚡	-	340,00	38,00	4,80
BA 036	cordifolia 'New Hybrids' [New Winterflowering Hybrids], 45 cm, soft pink - dark red, III-V, Z3-8 . . . . .	1	15	✖ △ ⚡	-	360,00	42,00	5,20
BA 040	cordifolia 'Rotblum' [Red Beauty, Red Start], 60 cm, red blooming selection, attractive foliage, III-V, Z3-8 . . . . .	1	15	✖ △ ⚡	4320,00	480,00	52,00	6,20
BA 042	cordifolia 'Winterglut' [Winterglow], 45 cm, red blooming, improved 'Rotblum' with an incomparable red colored fall and winter foliage, also for flower arrangements, III-V, Z3-8 . . . . .	1	15	✖ △ ⚡	-	680,00	74,00	6,80
BA 044	crassifolia, 45 cm, purple-rose, nodding, III-V, Z3-8 . . . . .	1	15	△	-	340,00	38,00	4,80
BA 073	emeiensis, 30 cm, pink-white, very large flowering, lustrous, attractive foliage, III-V, Z6-9 . . . . .	0,25	16	✖ ✕	-	-	98,00	7,80
BA 046	purpurascens (delavayi), 50 cm, reddish blossom stems, rosy-red flowers, III-IV, Z3-8 . . . . .	1	15	✖ △ ⓘ	2880,00	340,00	38,00	4,80
<b>BERKHEYA (Asteraceae, Compositae)</b>								
BA 039	cirsifolia, 60 cm, pure white ray flowers with yellow center, very spiky foliage, VI-IX, Z8-10 . . . . .	6	15	ⓘ	360,00	46,00	5,80	3,20
BA 047	multijuga [Golden Spikes], 60 cm, brilliant golden flowers, spiky foliage, VII-IX, Z7-10 . . . . .	8	15	ⓘ	400,00	52,00	7,40	4,90
BA 048	purpurea [Silver Spikes, Zulu Warrior], 70 cm, large, lilac-white flowers, prickly, silvery foliage, VII-IX, Z6-10 . . . . .	10	16	ⓘ	480,00	62,00	8,40	5,20
BA 049	radula, 50 cm, large yellow flowers, spiky foliage, VI-VIII, Z7-10 . . . . .	5	16	ⓘ \$	360,00	46,00	5,80	3,20

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>BERLANDIERA</b> (Asteraceae, <i>Compositae</i> )								
BA 052 ☼ <i>Iriata</i> [ <i>Chocolate Drop, Chocolate Daisy</i> ], ☼ PS, Chocolate Flower, Green Eyes, 25 cm, yellow, with chocolate fragrance, V-VII, Z5-10 ( <i>see also Organic-Seeds</i> ), .....	pure seed	10	15	△	440,00	52,00	6,20	4,80
<b>BETONICA</b> - see <b>STACHYS</b>								
<b>BIGELOWIA</b> (Asteraceae, <i>Compositae</i> )								
BA 180 ☼ <i>nuttallii</i> , Nuttall's Rayless Goldenrod, 30 cm, dense yellow umbels, persistent flowering groundcover, VIII-X, Z4-10 .....		1	16	△ ✕ *	-	-	42,00	3,80
<b>BISCUTELLA</b> (Brassicaceae, <i>Cruciferae</i> )								
BA 054 <i>laevigata</i> , Buckler Mustard, 25 cm, yellow flower panicles, lanceolate foliage, V-VI, Z4-7, .....	pure seed	6	15	△ ✕	980,00	128,00	16,00	8,00
<b>BISTORTA</b> - see <b>POLYGONUM</b>								
<b>BLITUM</b> - see <b>CHENOPODIUM</b> - see <b>Organic Seed</b>								
<b>BOEHMERIA</b> (Urticaceae)								
BA 220 <i>sieboldiana</i> , Rami, False Nettle, 120 cm, white, silver-green foliage, interesting foliage plant, IX-X, Z6-9 .....		0,25	16	‡ N 🍁	-	-	36,00	4,50
<b>BOLTONIA</b> (Asteraceae, <i>Compositae</i> )								
BA 059 <i>asteroides</i> var. <i>latisquama</i> 'Nana', 70 cm, pinkish-lilac, VIII-IX, Z3-7 .....		3	9	✖	-	58,00	7,20	3,60
BA 055 <i>decurrens</i> , Winged False Aster, 160 cm, soft pink flower umbels, VIII-X, Z5-8 .....		1	15	✖ Sol	-	96,00	12,00	4,00
<b>BORAGO officinalis</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
<b>BOYKINIA tellimoides</b> - see <b>PELTOBOYKINIA tellimoides</b>								
<b>BRODIAEA pulchella</b> - see <b>DICHELOSTEMMA pulchellum</b>								
<b>BRUCKENTHALIA</b> (Ericaceae)								
BA 066 <i>spiculifolia</i> ( <b>ERICA</b> ), 20 cm, pink, evergreen, VI-VIII, Z4-7 .....		0,25	4/8	△	-	176,00	22,00	4,00
<b>BULBINE</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
<b>BULBINELLA</b> (Asphodelaceae, <i>Liliaceae</i> )								
BA 090 <i>angustifolia</i> , 60 cm, pale yellow panicles, narrow leaved clumps, VI-VIII, Z6-9 .....		6	9	^K ✕	768,00	96,00	12,00	9,00
BA 096 <i>gibbsii</i> var. <i>balanifera</i> , 50 cm, wide, yellow flower clusters, clump forming, VI-VIII, Z6-9 .....		6	9	^K ✕	768,00	96,00	12,00	9,00
BA 100 <i>hookeri</i> , 60 cm, yellow panicles, dense leaf clumps, VI-VIII, Z6-9 .....		6	9	^K ✕	640,00	80,00	10,00	7,50



BERGENIA emeiensis



BERKHEYA cirsifolia



BERKHEYA purpurea



BERKHEYA multijuga



BIGELOWIA nuttallii



BUPLEURUM longifolium 'Bronze Beauty'



CALAMINTHA nepeta 'White Cloud Strain'



CALLIRHOE involucrata var. tenuissima



CALTHA leptosepala



CAMPANULA barbata

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>BUPHTHALMUM</b> (Asteraceae, Compositae)								
BA 068	salicifolium [Sunwheel], 50 cm, abundant golden blossoms, VI-VIII, Z3-9 . . . . .	5	15	×	128,00	16,00	2,00	2,00
BA 069	salicifolium 'Alpengold', 50 cm, golden, double ray of petals, large blossoms, VI-VIII, Z3-9 . . . . .	5	15	×	320,00	40,00	5,00	2,50
	speciosum - see TELEKIA							
<b>BUPLEURUM</b> (Apiaceae, Umbelliferae)								
BA 076	fruticosum, Shrubby Har's Ear, 150 cm, yellow, small evergreen shrub, VII-VIII, Z6-9 . . . . .	10	8	Sol	-	36,00	5,20	3,40
BA 078	longifolium 'Bronze Beauty', 50 cm, yellow turning to bronze colored blossom, VI-VIII, Z3-8 . . . . .	5	1	△ ×	-	58,00	7,20	3,60
BA 080	ranunculoides, 40 cm, yellow-green, grows well in limy soil, V-VII, Z5-9 . . . . .	5	1	△ ×	256,00	32,00	4,00	2,00
<b>BUTOMUS</b> (Butomaceae)								
BA 140	umbellatus, (AGM), Flowering Rush, 100 cm, rosy-red umbels, narrow leaves, VI-VIII, Z4-6 . . . . .	3	8	❀ ↗	280,00	36,00	4,60	2,30
<b>CACHRYS</b> (Apiaceae, Umbelliferae)								
CA 004	alpina, 120 cm, yellow umbels, fine feathered foliage, bushy clumps, VII-VIII, Z5-8. . . . .	100	1	×	144,00	18,00	2,40	9,00
<b>CALAMINTHA</b> (Lamiaceae, Labiate)								
	alpina - see ACINOS alpinus							
CA 020	grandiflora [Elfin Purple], 20 cm, purple-rose, aromatic, V-VII, Z4-7 . . . . .	2	1	△ ☀ ⚡	-	96,00	12,00	4,00
	nepeta - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
CA 023	nepeta ssp. nepeta 'Blue Cloud Strain', 30 cm, bright light-blue flowers, very valuable, permanent flowering perennial, minty aromatic foliage, ideal for edging borders, VI-X, Z5-9 . . . . .	1	15	△ ☀ ⚡	420,00	60,00	8,60	3,00
CA 018	nepeta ssp. nepeta 'White Cloud Strain', 30 cm, pure white flowers, very valuable, permanent flowering perennial, minty aromatic foliage, ideal for edging borders, V-X, Z5-9 . . . . .	1	15	△ ☀ ⚡	420,00	60,00	8,60	3,00
<b>CALANDRINIA</b> (Portulacaceae)								
CA 022	umbellata [Purple Moon, Ruby Tuesday], 15 cm, bright red-violet, VI-IX, Z7-10 . . . . .	1	15	①△ ↗	768,00	64,00	8,20	3,60
<b>CALCEOLARIA</b> (Scrophulariaceae)								
CA 024	biflora 'Goldcap' [Goldcrest], 10 cm, deep yellow, red dots, paired blooms, V-VI, Z5-8 . . . . .	0,25	4/16	△ ☀	2590,00	288,00	32,00	4,00
CA 028	fothergillii, 10 cm, yellow with red face, evergreen leaf-rosettes, VI-VII, Z6-9. . . . .	0,1	1	△	-	-	124,00	6,20
	punctata - see JOVELLANA punctata							
<b>CALENDULA officinalis</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>CALLA</b> (Araceae)							
CA 036 <i>palustris</i> , 25 cm, white spathe, spadix with red fruits, V-VII, Z4-9 . . . . .	10	18	❖ ❁ ❁ ❁	288,00	36,00	4,60	4,60
<b>CALLIRHOE</b> (Malvaceae)							
CA 037 <i>bushii</i> , Bush's Poppy Mallow, 40 cm, bright magenta, large flowering, VII-VIII, Z4-9 . . . . .	20	1	△ ☰	480,00	60,00	7,60	7,60
CA 038 <i>involuta</i> [ <i>Winecups</i> , <i>Buffalo Rose</i> ],  Poppy Mallow, 20 cm, bright carmine-rose, VII-IX, Z4-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	20	8	☒ ☲ ☳	238,00	34,00	4,80	4,80
CA 041 <i>involuta</i> var. <i>tenuissima</i> , 20 cm, bright pink, strongly pinnatifid foliage, VII-IX, Z4-9 ( <i>see also Organic-Seeds</i> ) . . . . .	20	14	△ ☰	480,00	60,00	7,60	7,60
<b>CALLUNA</b> (Ericaceae)							
CA 040 <i>vulgaris</i> , Scots Heather, Ling, 30 cm, rose-lilac, VIII-IX, Z3-9 ( <i>see also Organic-Seeds</i> ) . . . . .	pure seed	0,2	4/8 ☰ ☲ ☳ ☴	294,00	42,00	6,00	2,00
<b>CALTHA</b> (Ranunculaceae)							
CA 043 <i>leptosepala</i> , 20 cm, white, often outside bluish, III-IV, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	3	2/3/18	❖ ❁	972,00	108,00	12,00	6,00
CA 044 <i>palustris</i> , , 30 cm, deep yellow, shiny green leaves, IV-V, Z3-7 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ) . . . . .	4	2/3/18	❖ ☰ ☲ ☳ ☴	294,00	42,00	6,00	2,00
CA 045 <i>palustris</i> var. <i>alba</i> , 20 cm, white, III-IV, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	2	2/3/18	❖ ❁	–	162,00	18,00	6,00
CA 046 <i>palustris</i> ssp. <i>polypetala</i> , 60 cm, golden, III-V, Z6-9 . . . . .	3	2/3/18	❖ ❁	–	48,00	6,00	3,00
<b>CALYLOPHUS</b> (Onagraceae)							
CA 047 <i>serrulatus</i> ( <i>OENOTHERA</i> ), Shrubby Evening Primrose, 30 cm, yellow, lanceolate foliage, VI-X, Z4-9 . . . . .	0,5	9	△	–	–	–	7,00
<b>CALYPTRIDIUM</b> (Portulacaceae)							
CA 048 <i>umbellatum</i> ( <i>SPARGUEA</i> , <i>CISTANTE</i> ), Pussy Paws, 10 cm, white to pink, spherical umbels, flat rosettes, for dry locations, VII-IX, Z7-10 . . . . .	1	9	△ ☰	–	192,00	24,00	6,00
<b>CAMASSIA</b> (Hyacinthaceae, Liliaceae)							
CA 051 <i>leichtlinii</i> ssp. <i>leichtlinii</i> , , 100 cm, mostly creamy white, V-VII, Z3-7 . . . . .	15	8	×	192,00	24,00	3,20	3,20
CA 050 <i>leichtlinii</i> ssp. <i>suksdorffii</i> , , 100 cm, mostly blue, V-VI, Z3-7 . . . . .	15	8	×	192,00	24,00	3,20	3,20
CA 054 <i>quamash</i> , 60 cm, light blue racemes, V-VI, Z4-7 . . . . .	5	8	×	240,00	30,00	3,80	3,80
<b>CAMPANULA</b> (Campanulaceae)							
CA 060 <i>alliaiifolia</i> [ <i>Ivory Bells</i> ], 40 cm, white, grey-haired, very vigorous, sun and semi-shade, VII, Z3-7 . . . . .	2	16	△	98,00	14,00	2,00	2,00
CA 064 <i>alpestris</i> ( <i>allionii</i> ), 5 cm, blue or white, large flowers, VII-VIII, Z4-8 . . . . .	1	1	△	–	192,00	24,00	6,00
CA 065 <i>americana</i> , Tall Bellflower, 160 cm, mostly blue, VII-X, Z4-7 . . . . .	0,5	16	⊕	–	76,00	9,60	3,20
CA 066 <i>acherrii</i> ( <i>saxifraga</i> ssp. <i>acherrii</i> ), 10 cm, violet, early flowering, IV-V, Z4-8 . . . . .	1	8	△	–	192,00	24,00	6,00
CA 068 <i>barbata</i> , 30 cm, china blue, V-VII, Z5-8 . . . . .	0,5	9	△ ☰	680,00	84,00	9,20	4,60
CA 070 <i>bellidifolia</i> , 10 cm, violet-blue, dense cushions, V-VI, Z4-8 . . . . .	2	1	△	–	–	24,00	6,00
CA 072 <i>carpatica</i> , , 20 cm, light blue, VII-IX, Z3-7 . . . . .	0,5	15	△ ☰	120,00	20,00	3,20	2,00
CA 076 <i>carpatica f. alba</i> , 20 cm, white, VII-IX, Z3-7 . . . . .	0,5	15	△ ☰	120,00	20,00	3,20	2,00
NEW! CA 080 <i>carpatica</i> 'Blue Clips', 20 cm, heavenly blue, VII-IX, Z3-7 . . . . .							
NEW! CA 081 <i>carpatica</i> 'Deep Blue Clips', 20 cm, intense blue, VII-IX, Z3-7 . . . . .	pelleted seed	1	16 ☱ △ ☰	–	420,00	46,00	4,80
NEW! CA 084 <i>carpatica</i> 'White Clips', 20 cm, white, VII-IX, Z3-7 . . . . .							
CA 090 <i>carpatica</i> 'Pearl Deep Blue', F1, 15 cm, dark blue, upright flowers, round habit, early flowering, VI-IX, Z3-7 . . . . .	approx. 2000 seeds = 1 g, pelleted seed	1	15 ☱ △ ☰	–	–	52,00	6,50
CA 091 <i>carpatica</i> 'Pearl White', F1, 15 cm, pure white, upright flowers, round habit, early flowering, VI-IX, Z3-7 . . . . .	approx. 2000 seeds = 1 g, pelleted seed	1	15 ☱ △ ☰	–	–	52,00	6,50
CA 085 <i>carpatica</i> 'Blue Uniform', 20 cm, medium blue, compact and uniform in habit and flower, ideal as pot plant all year around, flowers 12 weeks after sowing, VII-IX, Z3-7 . . . . .	0,25	15	☐ ☱ △ ☰	–	544,00	62,00	7,80
CA 087 <i>carpatica</i> 'White Uniform', 20 cm, pure white, compact and uniform in habit and flower, ideal as pot plant all year around, flowers 12 weeks after sowing, VII-IX, Z3-7 . . . . .	0,25	16	☐ ☱ △ ☰	–	544,00	62,00	7,80
CA 092 <i>cenisia</i> , 5 cm, forms cushions, numerous stems with bright blue flowers, VII-VIII, Z4-7 . . . . .	0,5	1	△	–	–	56,00	7,00
CA 096 <i>cochleariifolia</i> ( <i>pusilla</i> ), , 10 cm, blue, VI-VIII, Z3-8 . . . . .	0,25	8	△	–	220,00	28,00	4,00
CA 101 <i>cochleariifolia</i> 'Bavaria Blue' [ <i>Blue Baby</i> ], , 10 cm, dark blue, compact, ideal as pot plant all year around, flowers 14 weeks after sowing, VI-VIII, Z3-9 . . . . .	0,25	16	☐ ☱ △ ☰	–	380,00	40,00	7,00
CA 102 <i>cochleariifolia</i> 'Bavaria White' [ <i>White Baby</i> ], 10 cm, pure white, compact, ideal as pot plant all year around, flowers 14 weeks after sowing, VI-VIII, Z3-9 . . . . .	0,25	16	☐ ☱ △ ☰	–	380,00	40,00	7,00

Perennials



CAMPANULA carpatica 'Blue Clips'

CAMPANULA carpatica 'White Clips'

CAMPANULA carpatica 'Blue Uniform'



CAMPANULA carpatica 'White Uniform'



CAMPANULA cochleariifolia



CAMPANULA collina



CAMPANULA glomerata 'Bellefleur Blue'®



CAMPANULA glomerata 'Bellefleur White'®



CAMPANULA lactiflora 'New Hybrids'



CAMPANULA latifolia var. macr. 'Alba'



CAMPANULA persicifolia 'Telham Beauty'



CAMPANULA persicifolia var. planiflora

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>CAMPANULA continuation</b>							
CA 104 ☼ <i>collina</i> , 20 cm, violet bells, upright, V-VII, Z5-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	1	9	△	768,00	96,00	12,00	4,00
CA 114 <i>fenestratata</i> , 10 cm, more compact than <i>C. gorganica</i> , smaller leaves, hairy, intense blue, VI-VII, Z5-8 .....	0,5	9	△	–	–	–	7,00
CA 116 <i>gorganica</i> , (AGM), 10 cm, star-shaped, erect blue blossoms, VI-VIII, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	0,5	9	△	–	324,00	36,00	5,80
CA 125 ☼ <i>glomerata</i> 'Bellefleur Blue'®, 20 cm, deep blue flower clusters, rich flowering, compact uniform habit, ideal for containers, first year flowering, VI-IX, Z3-8 .....	0,25	15	⊗ ⊗ △	–	1450,00	162,00	6,80
CA 127 ☼ <i>glomerata</i> 'Bellefleur White'®, 20 cm, pure white flower clusters, rich flowering, compact uniform habit, ideal for containers, first year flowering, VI-IX, Z3-8 .....	0,25	15	⊗ ⊗ △	–	1450,00	162,00	6,80
CA 120 <i>glomerata</i> var. <i>acaulis</i> , 25 cm, dark blue, VI-VIII, Z2-7 .....	1	15	△	630,00	78,00	9,80	3,40
CA 124 <i>glomerata</i> var. <i>alba</i> [ <i>Schneekrone</i> ], 30 cm, pure white, VI-VIII, Z2-7 .....	1	15	✗ ✗	630,00	78,00	9,80	3,40
CA 128 <i>glomerata</i> var. <i>dahurica</i> [ <i>Superba, Odessa</i> ], 50 cm, dark violet, VI-VIII, Z2-7 .....	1	15	✗ ✗	224,00	26,00	3,20	2,00
CA 135 <i>hofmannii</i> - see <i>SYMPHYANDRA hofmannii</i> .....							
CA 136 <i>incurva</i> , 30 cm, lavender blue, large flowers, grey-yellow rosettes, monocarpic, V-VII, Z6-9 .....	0,25	9	△	–	180,00	22,00	6,00
CA 144 <i>lactiflora</i> , 150 cm, milk-blue, VI-VII, Z3-7 .....	0,5	16	✗ ✗	2048,00	256,00	32,00	5,20
CA 146 ☼ <i>lactiflora</i> 'New Hybrids', 150 cm, white-rose-light violet-blue, VI-VIII, Z3-7 .....	0,5	16	✗ ✗	1800,00	225,00	28,00	4,60
CA 158 <i>latifolia</i> var. <i>macrantha</i> [ <i>Amethyst</i> ], 90 cm, lilac-blue, the most valuable of the tall bell flowers, VI-VII, Z3-6 ( <i>see also GOLD NUGGET SEED®</i> ) .....	2	9	✗ ✗	256,00	32,00	4,00	2,00
CA 162 ☼ <i>latifolia</i> var. <i>macrantha</i> 'Alba', 90 cm, pure white, VI-VII, Z3-6 ( <i>see also GOLD NUGGET SEED®</i> ) .....	2	9	✗ ✗	256,00	32,00	4,00	2,00
CA 231 <i>linifolia</i> ( <i>scheuchzeri, carnica</i> ), 15 cm, blue-violet, V-VII, Z3-7 .....	0,25	8	△	–	–	–	6,00
CA 167 <i>medium Blue single</i> , 80 cm, VI-VIII, Z5-9 .....	1	15	✗ ⊗ ✗	192,00	24,00	3,00	2,00
CA 168 <i>medium Rosepink single</i> , 80 cm, VI-VIII, Z5-9 .....							
CA 169 <i>medium White single</i> , 80 cm, VI-VIII, Z5-9 .....							
CA 179 <i>medium 'Calycanthema Mix'</i> , 75 cm, curly-divided double flowers, V-VIII, Z5-9 .....	1	15	✗ ⊗	–	46,00	6,50	3,20
CA 173 <i>medium fl. pl. 'Double Mixture'</i> , 80 cm, blue, pink, white, dense flowerballs, VI-VIII, Z5-9 .....	1	15	✗ ⊗	276,00	46,00	6,50	3,20
CA 172 <i>muralis</i> - see <i>portenschlagiana</i> .....							
CA 170 <i>ochroleuca</i> , 60 cm, creamy-white bells, VI-VII, Z4-8 .....	1	16	✗ △	2890,00	340,00	38,00	3,40
CA 171 <i>patula</i> , 40 cm, purple-blue, VI-VII, Z4-8 .....	1	9	⊗	288,00	36,00	4,60	2,30
CA 176 <i>pendula</i> - see <i>SYMPHYANDRA pendula</i> .....							
CA 177 <i>persicifolia</i> , wild form, Willow Bell, 100 cm, blue, loose flower panicles, VI-VII, Z3-7 .....	0,5	16	✗	160,00	20,00	2,50	2,00
CA 178 <i>persicifolia</i> 'Grandiflora Coerulea' [ <i>Blauie Glocke, Blue Bells</i> ], 100 cm, blue, VI-VII, Z3-7 .....	0,5	16	✗ ✗	256,00	32,00	4,00	2,00
CA 182 <i>persicifolia</i> 'Grandiflora Alba' [ <i>Weisse Glocke, White Bells</i> ], 100 cm, white, VI-VII, Z3-7 .....	0,5	16	✗ ✗	256,00	32,00	4,00	2,00
CA 184 ☼ <i>persicifolia</i> 'Telham Beauty', 100 cm, china blue, V-VI, Z3-7 .....	0,5	16	✗ ✗	320,00	40,00	5,00	2,50
CA 188 ☼ <i>persicifolia</i> var. <i>planiflora</i> ( <i>nitida</i> ), 20 cm, dwarf form of Peach Leaved Bell Flower, blue to white, dense flowering spikes, dense leathery rosettes, 98% true from seed, V-VII, Z3-7 .....	0,25	16	△ ⊗	–	420,00	54,00	6,80
CA 190 <i>portenschlagiana</i> ( <i>muralis</i> ), (AGM), 20 cm, lilac-blue, abundant flowers, VI-VIII, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	0,5	9	△ ⊗ ✗	6498,00	684,00	72,00	9,00
CA 192 ☼ <i>portenschlagiana</i> 'Blue Magic'® ( <i>muralis</i> ), 10 cm, intense dark-blue flowers, compact uniform habit, rich flowering, ideal for all-season containers, flowering 14 weeks after sowing, VI-IX, Z4-8 .....	0,25	16	⊗ ⊗ △	–	1450,00	162,00	6,80
CA 194 <i>poscharskyana</i> , 20 cm, lilac-blue, vigorous, VI-IX, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) .....	0,5	9	△ ⊗	–	324,00	36,00	5,80
CA 196 ☼ <i>pulla</i> 'Blue Drops', 10 cm, dark violet bellflowers, large flowerheads, compact habit, V-VII, Z4-8 .....	0,1	9	⊗ ⊗ △	–	–	58,00	7,20
CA 198 ☼ <i>punctata</i> [ <i>Ring of Bells</i> ], 25 cm, white and pink, VI-VII, Z5-9 .....	1	9	△ ✗	528,00	66,00	8,20	4,10
CA 199 ☼ <i>punctata</i> f. <i>rubriflora</i> , 25 cm, cream to purple, intense crimson spots, VI-VII, Z5-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	1	9	△ ✗	738,00	82,00	9,20	4,60
CA 200 <i>pusilla</i> - see <i>cochlearifolia</i> .....							
CA 206 <i>pyramidalis</i> , 140 cm, blue, winter hardy selection, VI-VIII, Z6-10 .....	0,5	16	✗ ✗	256,00	32,00	4,00	2,00
CA 210 <i>pyramidalis</i> 'Alba', 140 cm, pure white, VII-VIII, Z6-10 .....	0,5	16	✗ ✗ ✗	256,00	32,00	4,00	2,00
CA 211 <i>pyramidalis</i> Mixture, 140 cm, blue and white, VII-VIII, Z6-10 .....	0,5	16	✗ ✗ ✗	128,00	18,00	2,60	2,00
CA 218 <i>rapunculoides</i> , 100 cm, violet-blue, VI-IX, Z3-9 .....	1	15	✗	128,00	16,00	2,00	2,00
CA 226 <i>rapunculus</i> - see <i>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</i> .....							
CA 227 <i>rotundifolia</i> , 30 cm, light blue, VI-X, Z2-7 .....	0,5	16	△ ⊗ ✗	288,00	36,00	4,60	2,30
CA 223 ☼ <i>rotundifolia</i> 'Thumbeill Blue'™, 25 cm, violet blue bellflowers, abundant flowers, compact and uniform growth, flowers the first year, VI-X, Z3-7 .....	0,25	15	△ ⊗ ⊗	5600,00	620,00	68,00	7,20
CA 224 ☼ <i>rotundifolia</i> 'White Gem', 30 cm, large pure white bells, abundant flowering, VI-X, Z2-7 .....	0,5	16	△ ⊗	768,00	96,00	12,00	4,00
CA 230 <i>sarmatica</i> , 40 cm, light blue, grey-feltlike foliage, VI-VII, Z4-7 .....	2	16	△	448,00	56,00	7,00	3,50
CA 229 <i>saxifraga</i> , 10 cm, violet-blue, lanceolate leaves, V-VI, Z3-7 .....	1	8	△	1390,00	176,00	22,00	6,00
<i>scheuchzeri</i> - see <i>linifolia</i> .....							

continued on the following page



CAMPANULA portenschlagiana 'Blue Magic'®



CAMPANULA pulla 'Blue Drops'



CAMPANULA punctata



CAMPANULA rotundifolia 'Thumbell Blue'™



CAMPANULA rotundifolia 'White Gem'



CAMPANULA thrysoides



CAMPANULA trachelium var. alba



CARDOCRINUM giganteum

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>CAMPANULA continuation</b>								
CA 227	sibirica, 30 cm, violet blue, funnel-shaped bellflowers, V-VII, Z4-8 . . . . .	0,25	15	△ ⚡	–	210,00	26,00	4,40
CA 228	speciosa, 50 cm, light blue, cylindrical flower stems, often monocarpic, VI-VII, Z5-8 . . . . .	2	9	△	–	–	24,00	6,00
CA 233	takesimana [Bellringers], 40 cm, pink and white, large bellflowers, spotted, V-VII, Z5-8 . . . . .	1	9	✗	1024,00	128,00	16,00	4,00
CA 232	takesimana 'Alba', 40 cm, white bellflowers, purple spotted, V-VII, Z5-8 . . . . .	1	9	✗	–	162,00	18,00	6,00
CA 234	thrysoides, 50 cm, cream-colored, cylindrical, VII-VIII, Z4-8 . . . . .	2	9	○	–	96,00	12,00	4,00
CA 238	tommasiniana, (AGM), 20 cm, lilac-blue blossoms, 2 cm long, hanging, bright full shade, VII-VIII, Z5-9 . . . . .	0,25	1	△	–	–	26,00	7,00
CA 242	trachelium, 80 cm, lilac, VII-IX, Z3-9 . . . . .	2	16		128,00	16,00	2,00	2,00
CA 243	trachelium var. alba (Album), 80 cm, white, VII-IX, Z3-9 . . . . .	1	16	✗	320,00	45,00	6,40	3,20
CA 246	waldsteiniana, 12 cm, lilac, VI-VII, Z5-9 . . . . .	0,25	8	△	–	–	–	7,00
	wanneri - see SYMPHYANDRA wanneri							
	zanzegura - see SYMPHYANDRA zanzegura							
<b>CAPPARIS spinosa - see Perennial Herbs - Culinary, Teas and Medicinal</b>								
<b>CARDAMINE</b> (Brassicaceae, Cruciferae)								
CA 260	pratensis, Cuckoo Flower, 40 cm, pale lilac or white, III-V, Z3-7 ( <i>see also Organic-Seeds</i> ) . . . . .	2	15	⌘ \$ ⚡	288,00	36,00	4,60	2,00
<b>CARDOCRINUM</b> (Liliaceae)								
CA 264	giganteum (LILIUM), up to 3 m, white, approx. 20 blossoms per stalk, interior red stripes, VII-VIII, Z5-9 . . . . .	15	5	✗ ✗	272,00	34,00	4,40	4,40
<b>CARDIOSPERMUM</b> - see Organic Seed								
<b>CARLINA</b> (Asteraceae, Compositae)								
CA 270	acanthifolia, 30 cm, blossoms up to 20 cm Ø, without stems, straw-colored, VII-VIII, Z4-9 . . . . .	20	15	△	998,00	128,00	16,00	9,80
CA 274	acaulis ssp. caulescens (simplex), 50 cm, Silver Thistle, large shiny white flowering heads with stem, VII-IX, Z3-9 ( <i>see also Organic-Seeds</i> ) . . . . .	15	15	△ ✗ \$	384,00	48,00	6,00	6,00
CA 275	acaulis ssp. caulescens 'Bronze', (EL), 50 cm, shiny white, leaves reddish-bronze, VII-IX, Z3-9 . . . . .	15	15	* △ ✗	576,00	72,00	8,00	8,00
CA 278	vulgaris, 50 cm, straw-colored, blossoms ca. 4 cm Ø, several on each stem, VII-IX, Z4-9 . . . . .	5	15	✗ ○ N	160,00	20,00	2,50	2,00
CA 277	vulgaris 'Silver Star', (EL), 50 cm, silvery white flowers, large flowering, excellent cut flower, VII-IX, Z4-9 . . . . .	3	15	✗ ○	–	60,00	7,60	3,80
<b>CARTHAMUS tinctorius</b> - see Organic Seed								
<b>CARUM carvi</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>CASSIA (SENNA)</b> (Caesalpiniaceae, Leguminosae)								
CA 279	didymobotrya, 150-250 cm, golden flower racemes, feathery foliage, VI-IX, Z9-10 . . . . .	120	1/10	⌚ ⚡	160,00	20,00	2,50	6,00

				Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>CASSIA</b> <i>continuation</i>										
CA 281	<b>hebecarpa</b> , 140 cm, yellow with black filaments, dense flower panicles, VIII-IX, Z4-9 . . . . .	50	1/10		Sol	96,00	14,00	2,00	3,60	
CA 280	<b>marilandica</b> , 120 cm, yellow, VI-IX, Z4-10 . . . . .	50	1/10		\$	198,00	26,00	3,20	5,20	
<b>CASTILLEJA</b> (Scrophulariaceae)										
CA 284	<b>integra</b> , Wholeleaf Indian Paintbrush, 20 cm, bright signal red bracts, grows well with ARTEMISIA, V-X, Z4-10 . . . . .	0,5	9			–	–	48,00	6,00	
CA 282	<b>miniatia</b> , Scarlet Paintbrush, 50 cm, orange-red, grows nicely with SEDUM spathulifolium and BOUTELOUA gracilis, IV-IX, Z4-8 . . . . .	0,5	1		–	288,00	36,00	6,00		
CA 285	<b>rhexifolia</b> , Split Leaf Paintbrush, 30 cm, bright rosy-red flower spikes, growth best with CAREX, IV-IX, Z4-8 . . . . .	0,5	1			–	–	72,00	6,00	
CA 283	<b>sulphurea</b> , Yellow Paintbrush, 30 cm, yellow flower spikes, grows well together with PENSTEMON and grasses, IV-IX, Z4-8 . . . . .	0,5	1		–	498,00	72,00	6,00		
<b>CATANANCHE</b> (Asteraceae, Compositae)										
CT 286	<b>caerulea</b> [ <i>Amor Blue, Blue Cupidone</i> ], 60 cm, lilac-blue, grey-green foliage, VII-IX, Z4-9, . . . . .	7,5	15			384,00	48,00	6,00	3,00	
CT 287	<b>caerulea 'Alba'</b> [ <i>Amor White, Stargazer, Bicolor</i> ], 60 cm, white with blue center, VII-IX, Z4-9, . . . . .	7,5	15			384,00	48,00	6,00	3,00	



CARLINA acanthifolia



CARLINA acaulis ssp. caulescens



CASTILLEJA rhexifolia



CASTILLEJA integra



CASTILLEJA sulphurea



CATANANCHE caerulea

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>CELMISIA</b> (Asteraceae, <i>Compositae</i> )								
CA 293	<i>hookerii</i> , 40 cm, white flowers up to 10 cm Ø, woolly foliage, VII, Z6-9 . . . . .	5	3/15	△ ~	–	220,00	24,00	7,20
CA 295	<i>semicordata (coriacea)</i> , 40 cm, white up to 6 cm Ø, silvery clumps, for cool and well-drained locations, VII-VIII, Z6-9 . . . . .	5	3/16	△ ~	–	–	24,00	7,20
CA 297	<i>sessiliflora</i> , 10 cm, white, large flowers, grey-green cushion, VI-IX, Z6-9 . . . . .	3	3/15	□ △ ~	–	–	36,00	7,80
CA 298	<i>spectabilis ssp. magnifica</i> , 25 cm, white, silver-green clumps, VII-VIII, Z6-9 . . . . .	5	3/15	△ ~	–	–	24,00	7,20
CA 301	<i>spedenii</i> , 10 cm, white, large flowering, dense cushions, VI-IX, Z6-9 . . . . .	3	3/15	□ △ ~	–	–	36,00	7,80
CA 300	<i>traversii</i> , 30 cm, white, attractive orange felt-like clumps, VII-VIII, Z6-9 . . . . .	5	3/16	△ ~	–	–	24,00	7,20
CA 299	<i>walkeri</i> , dwarf shrub up to 150 cm, white, grey-green leaf rosettes, very unusual, VII-VIII, Z6-9 . . . . .	5	3/8	△ ~	–	–	24,00	7,20
<b>CENTAUREA</b> (Asteraceae, <i>Compositae</i> )								
CA 302	<i>alpestris (scabiosa ssp. alpestris)</i> , 40 cm, purple, feathery foliage, VI-VII, Z3-9 . . . . .	10	16	△	352,00	44,00	5,80	5,80
CA 303	<i>atropurpurea</i> , 120 cm, deep purple, feathery foliage, VI-VIII, Z5-9 ( <i>see also Organic-Seeds</i> ) . . . . .	15	16	✗ ✗	432,00	54,00	6,80	6,80
CA 305	<i>cheiranthifolia</i> , 50 cm, light yellow to cream-white, VI-VIII, Z5-9 . . . . .	30	9	✗ ✗ △	–	40,00	5,80	5,80
CA 304	<i>cineraria (candidissima)</i> , 40 cm, yellow, attractive silvery-grey, pinnatifid foliage, VII-VIII, Z5-9 . . . . .	10	16	◆ ✗ △	192,00	24,00	3,60	2,00
	<i>cyanus</i> - see <i>Organic Seed</i>							
CA 308	<i>dealbata (PSEPHELLUS)</i> , 80 cm, fresh pink, VI-VII, Z3-9 . . . . .	20	15	✗ ✗	128,00	16,00	2,00	2,00
CA 312	<i>jacea</i> , 80 cm, purple, VI-IX, Z5-8 . . . . .	10	15	✗	98,00	14,00	2,00	2,00
CA 316	<i>macrocephala</i> , 150 cm, golden, decorative, VII-IX, Z3-7 . . . . .	40	15	✗ ✗	28,00	4,00	2,00	2,00
CA 320	<i>montana</i> , 50 cm, Perennial Cornflower, blue, V-VII, Z3-9 ( <i>see also Organic-Seeds</i> ) . . . . .	35	16	① ✗ ✗	144,00	22,00	3,20	2,00
CA 321	<i>montana 'Alba'</i> , 50 cm, white, up to 25% may revert to the original blue color, V-VII, Z3-9 . . . . .	35	16	① ✗ ✗	–	–	5,80	5,80
CA 322	<i>nigra</i> , 70 cm, purple, VI-VIII, Z4-9 . . . . .	20	16	✗ ✗	74,00	12,00	2,00	2,00
CA 325	<i>orientalis</i> , 70 cm, light yellow, VI-VIII, Z6-9 . . . . .	10	16	✗	240,00	30,00	4,00	3,00
CA 326	<i>phrygia</i> , 60 cm, purple, buds wig-like, VII-VIII, Z5-8 . . . . .	5	16	✗	144,00	18,00	2,50	2,00
CA 324	<i>pulcherrima</i> , 40 cm, pure pink, large flowering, grey feathered foliage, VI-VIII, Z4-8 . . . . .	10	16	△ ✗	464,00	58,00	7,20	7,20
CA 330	<i>ruthenica</i> , 120 cm, sulphur-yellow, dark green, pinnatifid foliage, VI-VII, Z3-8 . . . . .	30	16	✗	256,00	32,00	4,00	4,00
CA 332	<i>scabiosa</i> , 100 cm, purple, scabiosa-blossom, VII-VIII, Z4-7 . . . . .	10	16	✗ ✗	74,00	12,00	2,00	2,00
CA 334	<i>triumfetti</i> , Woolly Perennial Cornflower, 30 cm, blue-violet, grey-green foliage, V-VII, Z4-7 . . . . .	30	9	△	–	64,00	9,20	6,00
<b>CENTAURIUM erythraea (umbellatum)</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>								
<b>CENTRANTHUS</b> (Valerianaceae)								
CA 346	<i>ruber 'Albus' [Snowcloud]</i> , 60 cm, pure white, V-VIII, Z5-8 . . . . .	5	16	① ✗ \$	256,00	32,00	4,00	2,00
CA 348	<i>ruber</i> var. <i>coccineus</i> [ <i>Pretty Betsy</i> ], 60 cm, light red, variable, V-VIII, Z5-8 ( <i>s. a. Organic-Seeds</i> ) . . . . .	5	16	① ✗ \$	256,00	32,00	4,00	2,00
CA 349	<i>ruber</i> var. <i>coccineus</i> ' <i>Rosenrot</i> ', 60 cm, uniformly light red, V-VIII, Z5-8 . . . . .	5	16	① ✗ \$	320,00	40,00	5,00	2,50
<b>CEPHALARIA</b> (Dipsacaceae)								
NEW! CA 350	<i>alpina</i> , 150 cm, soft yellow, VI-VIII, Z4-7 . . . . .	50	8	✗ ✗	–	32,00	4,00	6,20
CA 354	<i>gigantea</i> , 200 cm, light yellow, similar to scabiosa flowers, VI-VIII, Z4-7 ( <i>s. a. Organic-Seeds</i> ) . . . . .	50	9	✗ ✗	192,00	24,00	3,00	5,00
CA 358	<i>radiata</i> ( <i>leucantha</i> Baumg.), 160 cm, creamy-yellow, variety with woody base, VII-VIII, Z4-7 . . . . .	10	9	Sol ✗	128,00	16,00	2,00	2,00



CENTAUREA cineraria



CENTAUREA pulcherrima



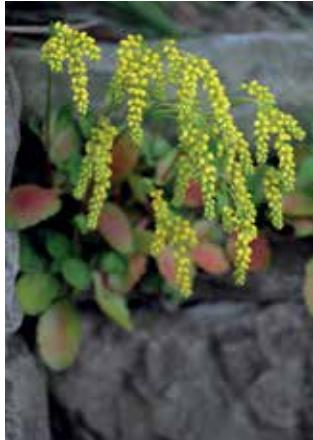
CENTAUREA rutenica



CERASTIUM tomentosum var. col. 'Celine'



CHELONE lyonii 'Pink Temptation'



CHIASTOPHYLLUM oppositifolium



CIMICIFUGA racemosa



CIRSIUM diacanthum

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>CERASTIUM</b> (Caryophyllaceae)								
CA 359 <i>alpinum</i> var. <i>lanatum</i> , 10 cm, white, densely haired, grey cushions, V-VI, Z3-7 . . . . .	1	9	△ ⓘ	–	–	36,00	6,00	
CA 362 <i>grandiflorum</i> , 20 cm, white, mat forming, VI-VIII, Z4-7 . . . . .	0,5	8	△	–	–	18,00	4,20	
CA 369 <i>tomentosum</i> var. <i>columnnae</i> 'Celine', 15 cm, pure white, large flowers, narrow silver-grey foliage, dense cushions, reliable first year flowering, V-VI, Z3-7 . . . . .	1	15	ⓘ ↗ △	576,00	72,00	9,60	3,20	
CA 364 <i>tomentosum</i> var. <i>columnnae</i> 'Silbersteppich' [Silver Carpet, Snow in Summer], 15 cm, white, large flowers, silver-white cushions, abundant flowering, V-VI, Z3-7 . . . . .	1	15	△ ↗ ⓘ	224,00	28,00	3,60	2,40	
<b>CERINTHE</b> (Boraginaceae)								
CA 366 <i>glabra</i> , 30 cm, yellow with purple circle, V-VII, Z4-7 . . . . .	15	16	△	–	43,00	6,20	6,20	
CA 900 <i>major</i> 'Purpurascens' [Kiwi Blue, Purple Bell], 45 cm, blue-violet, steel blue bracts, very showy, VI-IX, Z5-9 . . . . .	100	15	ⓘ ↗ ⓘ	76,00	12,00	2,00	6,00	
<b>CHAENORHINUM</b> (Scrophulariaceae)								
CA 371 <i>origanifolium</i> 'Blue Dreams' [Blue Eyes], 15 cm, blue-lilac with yellow throat, small round leaves, compact, flowers the first year, VI-VIII, Z7-10 . . . . .	0,25	16	ⓘ △ ⓘ	1792,00	224,00	28,00	6,00	
CA 379 <i>villosum</i> 'Little Dragons', 15 cm, purple with darker veins and yellow throat, blue-green foliage, V-VII, Z7-10 . . . . .	0,1	15	ⓘ △ ⓘ	–	–	196,00	6,00	
<b>CHAMAEMELUM nobile</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>CHAMAESPARTIUM</b> - see GENISTA								
<b>CHAMAENERION</b> - see EPILOBIUM								
<b>CHAMOMILLA recutita</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>CHEIRANTHUS allionii</b> - see ERYSIMUM allionii								
<b>CHELIDONIUM majus</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>CHELONE</b> (Scrophulariaceae)								
<b>barbata</b> - see PENSTEMON barbatus								
CA 370 <i>glabra</i> , 80 cm, white to light pink, V-VI, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	3	9	‡ ⓘ	672,00	84,00	12,00	6,00	
CA 372 <i>lyoni</i> 'Pink Temptation',  40 cm, brilliant pink, compact habit, wide dark green foliage, VII-IX, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	3	9	△ × ⓘ	768,00	96,00	12,00	6,00	
CA 374 <i>obliqua</i> , 80 cm, dark pink, VIII-X, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	3	9	× ⓘ	768,00	96,00	12,00	6,00	
CA 375 <i>obliqua</i> var. <i>alba</i> , 80 cm, white, VII-X, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	3	9	× ⓘ	768,00	96,00	12,00	6,00	
<b>CHENOPODIUM</b> - see Organic Seed								
<b>CHIASTOPHYLLUM</b> (Crassulaceae)								
CA 378 <i>oppositifolium</i> [Goldtröpfchen, Solar Yellow],  20 cm, golden, hanging panicles, V-VII, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	0,5	1/4	△	–	432,00	48,00	6,00	
<b>CHRYSANTHEMUM</b> (Asteraceae, Compositae)								
<i>alpinum</i> - see LEUCANTHEMOPSIS alpina								
<i>arcticum</i> - see ARCTANTHEMUM arcticum								
<i>balsamita</i> (TANACETUM) - see Herbs - Culinary, Teas and Medicinal + Organic Seed								
<i>cinerariifolium</i> (TANACETUM) - see Herbs - Culinary, Teas and Medicinal + Organic Seed								
<i>coccineum</i> - see TANACETUM coccineum								
<i>corymbosum</i> - see TANACETUM corymbosum								
<i>ircutianum</i> - see LEUCANTHEMUM vulgare								
<i>leucanthemum</i> - see LEUCANTHEMUM vulgare + Organic Seed								
<i>macrophyllum</i> - see TANACETUM macrophyllum								
<i>maximum hort.</i> - see LEUCANTHEMUM x superbum								
<i>montanum</i> - see LEUCANTHEMUM graminifolium								
<i>nipponicum</i> - see NIPPONANTHEMUM nipponicum								
<i>parthenium</i> (TANACETUM) - s. Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<i>serotinum</i> - see LEUCANTHEMELLA serotina								
<i>vulgare</i> (TANACETUM) - see Perennial Herbs - Culinary, Teas a. Medicinal + Organic Seed								
<i>weyrichii</i> - see DENDRANTHEMA weyrichii								
<b>CHRYSOPSIS</b> (Asteraceae, Compositae)								
CA 492 <i>villosa</i> (HETEROTHECA), Golden Aster, 40 cm, golden, VI-VIII, Z3-8 . . . . .	2	15	△	–	32,00	4,00	2,00	
<b>CICHORIUM intybus</b> var. <i>intybus</i> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>CIMICIFUGA (ACTAEA)</b> (Ranunculaceae)								
CA 503 <i>foetida</i> (A. <i>cimicifuga</i> ), Foetid Bugbane, 160 cm, yellow-greenish, VII-IX, Z3-8 . . . . .	5	19	ⓘ ‡	–	26,00	3,40	2,00	
CA 504 <i>racemosa</i> (A. <i>racemosa</i> ),  Black Cohosh, 150 cm, white, abundant flowers, VI-VII, Z3-7 . . . . .	5	19	× ‡ ✕	208,00	26,00	3,40	2,00	
CA 500 <i>racemosa</i> var. <i>cordifolia</i> (rubrifolia) (A. <i>cordifolia</i> ), 100 cm, cream-white, VIII-X, Z3-7 . . . . .	5	19	× ✕	144,00	18,00	2,60	2,60	
CA 506 <i>ramosa</i> (A. <i>simplex</i> ), 200 cm, creamy-white, slightly hanging candles, IX, Z3-8 . . . . .	5	19	×	–	26,00	3,40	2,00	
CA 508 <i>ramosa</i> 'Atropurpurea' (A. <i>simplex</i> ), 200 cm, creamy-white, intensive red-leaved, from selected plants, IX, Z3-8 . . . . .	5	19	× ⓘ	384,00	48,00	6,00	3,00	
<b>CIRSIUM</b> (Asteraceae, Compositae)								
CA 520 <i>acaulis</i> , 10 cm, purple-red, VII-IX, Z3-7 . . . . .	12	9	△	–	96,00	12,00	5,20	
CA 524 <i>diacanthum</i> (PTILOSTEMON <i>diacantha</i> ), Ivory Thistle, 50 cm, purple, striking foliage, VII-VIII, Z5-8 . . . . .	25	15	△ ⓘ ⊕	98,00	14,00	2,00	4,00	
CA 525 <i>echinocephalum</i> (PTILOSTEMON, LAMIRA), 30 cm, purple, striking marbled foliage, VII-IX, Z5-8 . . . . .	25	9	△ ⊕ ✕	144,00	18,00	2,40	4,00	
<b>CISTUS</b> (Cistaceae)								
CA 542 <i>incanus</i> ssp. <i>tauricus</i> , Tauric Rock Rose, 100 cm, rose-purple, grey-green leaves, VI-VIII, Z7-10 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	3	8	~ ‡	336,00	42,00	5,20	2,60	
CA 540 <i>laurifolius</i> ,  150 cm, white with yellow spot, grey-green foliage, evergreen, good winter hardy, VI-VIII, Z6-9 . . . . .	5	10	~	368,00	46,00	6,20	3,10	
CA 544 <i>monspeliensis</i> , 80 cm, pure white blossoms, narrow foliage, IV-VII, Z7-10 . . . . .	3	8	~	336,00	42,00	5,20	2,60	



CLEMATIS alpina



CLEMATIS heracleifolia



CLEMATIS hexapetala 'Mongolian Snowflakes'



CLEMATIS integrifolia 'Blue Ribbons'



CLEMATIS tangutica

	Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>CLAYTONIA sibirica - see MONTIA sibirica</b>							
<b>CLEMATIS</b> (Ranunculaceae) . . . . .			<b>all varieties pure seed</b>				
CA 550 ☼ <b>alpina</b> , (AGM), 150 cm, blue, rarely white, V-VIII, Z4-7 . . . . .	10	9	△ ↗ ✕	–	64,00	8,00	4,00
CA 554 <b>flammula</b> , 200 cm, pure white umbels, fragrant, VII-X, Z5-9 . . . . .	25	9	↖ ↘ ✕	128,00	16,00	2,20	2,20
CA 556 ☼ <b>heracleifolia</b> , 80 cm, indigo blue, VIII-IX, Z3-7 . . . . .	8	9	△ ✕	448,00	56,00	7,00	3,50
<b>NEW!</b> CA 551 ☼ <b>hexapetala 'Mongolian Snowflakes'</b> , (PS), 60 cm, white, perennial, V-VIII, Z5-9 . . . . .	10	8	△ ↗ ✕	–	–	26,00	7,60
CA 558 <b>integrifolia</b> , 60 cm, steel blue, V-VIII, Z2-7 . . . . .	10	9	△ ✕	196,00	28,00	4,00	4,00
CA 553 ☼ <b>integrifolia 'Blue Ribbons'</b> , (JEL), 40 cm, indigo blue, large flowers, sturdy upright and bushy habit, decorative silvery flower heads, very durable perennial, V-VIII, Z2-7 . . . . .	15	9	✖ △ ✕	–	42,00	6,20	6,20
CA 555 ☼ <b>integrifolia Mongolian Bells</b> , (PS), 35 cm, wide spectrum of colors, pink, white, lavender and blue, compact habit, V-IX, Z3-9 ( <i>see also Organic-Seeds</i> ) . . . . .	10	9	△ ✕	448,00	64,00	8,20	5,00
CA 559 <b>Macropetala-Hybr.</b> , 100 cm, large flowers, light blue to violet, also pink and white, V-VI, Z4-7 . . . . .	10	9	↖ ↘ ✕	360,00	45,00	5,80	4,40
CA 561 <b>mandschurica</b> , 100 cm, large, white flowering umbels, VII-VIII, Z3-8 . . . . .	15	16	↖ ✕ ✕	192,00	24,00	3,20	3,20
CA 567 <b>marmoraria</b> , 8 cm, creamy-white flowers, graceful foliage, mostly evergreen, rare! IV-V, Z7-10 . . . . .	8	8	△ ↗ ↙	–	–	–	9,80
CA 560 <b>orientalis</b> , 150 cm, golden, open flowers, VII-IX, Z5-9 . . . . .	3	15	↖ ✕	256,00	32,00	4,00	2,00
CA 562 <b>paniculata</b> (Gmel.), 200 cm, pure white umbels, endemic to New Zealand, VIII-X, Z5-9 . . . . .	5	9	↖ ✕	496,00	62,00	7,80	3,90
CA 564 <b>recta</b> , 100 cm, white umbels, VII-VIII, Z2-8 . . . . .	30	1	↖ ✕ ✕	96,00	14,00	2,00	2,00
CA 565 <b>recta 'Purpurea'</b> , 120 cm, white, fragrant umbels, new growth of stems and foliage is red, VII-VIII, Z2-8 . . . . .	30	1	✿ ↗ ✕	192,00	24,00	3,20	3,20
CA 566 <b>stans</b> , Japanese Clematis, 160 cm, soft blue, nodding flowers, VIII-IX, Z4-8 . . . . .	3	9	↖ ✕	256,00	32,00	4,00	2,00
CA 568 ☼ <b>tangutica [Radar Love, Helios]</b> , 200 cm, golden, VI, often VIII, Z3-7 . . . . .	4	15	✿ ↗ ✕	192,00	24,00	3,00	3,00
<b>NEW!</b> CA 572 <b>texensis</b> , 150 cm, red to dark rose, bell shaped flowers, VII-IX, Z4-8 . . . . .	30	1	↖ ✕	–	74,00	9,20	5,80
CA 570 <b>vitalba</b> , 300 cm, very high climbing, white, VII-IX, Z3-8 ( <i>see also Organic-Seeds</i> ) . . . . .	20	1	↖ ✕ (N) ✕	32,00	4,60	2,00	2,00
CA 571 <b>viticella</b> , Italian Leather Flower, up to 200 cm, violet-purple, fragrant, vital plant growth, VI-VIII, Z5-9 . . . . .	50	6	↖ ✕	180,00	26,00	3,80	5,80
<b>CLINOPodium</b> (Lamiaceae, Labiateae)							
<b>alpinum</b> - see <b>ACINOS alpinus</b>							
<b>grandiflorum, nepeta</b> - see <b>CALAMINTHA</b>							
<b>thymifolia</b> - see <b>MICROMERIA</b>							
<b>vulgare</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>							
<b>CLINTONIA</b> (Convallariaceae)							
CA 580 <b>borealis</b> , Bluebell, 20 cm, white, spherical umbels, dense foliage clumps, blue berries, V-VI, Z3-9 . . . . .	5	9	❖	320,00	42,00	5,40	3,20
<b>CNICUS benedictus</b> - see <b>Organic Seed</b>							
<b>COCHLEARIA officinalis</b> - see <b>Organic Seed</b>							

**Production – Breeding – Seed Technology**

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>CODONOPSIS</b> (Campanulaceae)							
NEW! CA 581 ☼ <i>canescens</i> , 40 cm, light blue, violet veins, rare, VI-IX, Z3-8	1	9	△	–	–	56,00	7,20
CA 584 <i>clematidea</i> [ <i>Lilac Eyes</i> ], 50 cm, soft blue, VI-VII, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> )	2	9	△⊗	360,00	45,00	5,00	2,50
CA 583 ☼ <i>convolvulacea</i> ( <i>nepalensis</i> ), climbing up to 120 cm, blue violet, rarely white, large flowering, VII-IX, Z6-9	0,3	16	‡	–	–	–	7,20
CA 585 ☼ <i>lanceolata</i> , up to 150 cm climbing, large creamy colored bellflowers, interior intensive purple colored and spotted, VIII-IX, Z6-9	4	9	‡‡	–	192,00	24,00	6,00
CA 588 ☼ <i>ovata</i> , 30 cm, light blue, longish-bellshaped flowers with darker veins, oval, blue-green foliage, VI-VIII, Z3-7 pilosula - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed	2	16	△①	–	96,00	12,00	4,00
<b>COLCHICUM</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>COMARUM</b> <i>palustre</i> - see <i>POTENTILLA</i> <i>palustris</i>							
<b>COMMELINA</b> (Commelinaceae)							
CA 594 <i>coelestis</i> ( <i>tuberosa</i> ) [ <i>Sleeping Beauty</i> ], 60 cm, radiant blue, rhizomes must have frost free wintering! Blooms in the first year, VI-IX, Z8-11	10	15	⊗△	140,00	22,00	3,40	2,60
CA 587 <i>coelestis</i> ' <i>Alba</i> ', 50 cm, pure white flowers, VI-IX, Z8-11	10	15	⊗△	280,00	44,00	6,80	3,40
CA 589 ☼ <i>dianthifolia</i> , Dayflower, 20 cm, bright blue flowers, large and abundant flowering, branched upright, dense clumps, narrow foliage, best hardy species. First year flowering, V-IX, Z6-11	10	15	①△⊗	460,00	58,00	8,20	4,80
<b>CONOCLINIUM</b> <i>coelestinum</i> - see <i>EUPATORIUM</i> <i>coelestinum</i>							
<b>COREOPSIS</b> (Asteraceae, <i>Compositae</i> )							
CA 598 ☼ <i>auriculata f. nana</i> ' <i>Elfin Gold</i> ', 25 cm, brilliant orange-yellow flowers, compact habit, wide leaves, durable foliage clumps, V-IX, Z4-9	5	16	⊗⊗△	512,00	64,00	8,00	4,00
CA 601 <i>grandiflora</i> ' <i>Domino</i> ', 40 cm, dwarf variety, golden with black-brown center, VI-IX, Z5-9	8	15	△	192,00	24,00	3,00	2,00
CA 602 <i>grandiflora</i> ' <i>Early Sunrise</i> ', (AAS) (AGM) (FS), 45 cm, semi-double, blooms in the first year until frost, VI-XI, Z5-9	8	15	⊗×⊗	512,00	64,00	8,00	4,00
CA 603 ☼ <i>grandiflora</i> ' <i>Heliot</i> ' (FS), 40 cm, radiant golden with reddish-brown centre, compact healthy habit, very rich flowering, uniform, VI-IX, Z5-9, approx. 400 seeds = 1g	6	15	△⊗⊗	512,00	64,00	8,00	4,00
CA 605 <i>grandiflora</i> ' <i>Presto</i> ', (FS), 25 cm, golden, semi-double and large flowering, compact, ball-shaped habit, flowering in the first year until frost, VI-IX, Z6-9	8	15	⊗⊗	1200,00	135,00	15,00	7,50
CA 604 <i>grandiflora</i> ' <i>Santa Fe</i> '™, (E) (FS), 45 cm, golden, mostly large, double flowers, abundant flowers, compact, blooms the first year until frost, VI-XI, Z5-9	8	15	①△×⊗	324,00	36,00	4,20	2,10
CA 608 <i>grandiflora</i> ' <i>Schnittgold</i> ' [ <i>Gold Cut</i> ], 90 cm, golden, large flowers, VI-IX, Z5-9	8	15	×	232,00	29,00	4,20	2,10
CA 612 <i>grandiflora</i> ' <i>Sonnenkind</i> ' [ <i>Baby Gold</i> , <i>Baby Sun</i> ], 40 cm, abundant flowers, golden with brown markings, compact, VI-IX, Z5-9	8	15	⊗	232,00	29,00	4,20	2,10
CA 614 <i>grandiflora</i> ' <i>Sunburst</i> ', 90 cm, golden, double and semi-double flowers, VI-IX, Z5-9	8	15	×⊗	32,00	8,00	2,00	2,00
CA 615 <i>grandiflora</i> ' <i>Sunfire</i> ', (FS), 45 cm, golden with burgundy red center, single and early flowering, compact habit, blooms in the first year until frost, VI-XI, Z6-9	8	15	⊗⊗	1350,00	150,00	18,00	9,00

*continued on the following page*

**CODONOPSIS convolvulacea**

**CODONOPSIS canescens**

**CODONOPSIS lanceolata**

**CODONOPSIS ovata**

**COMMELINA dianthifolia**

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>COREOPSIS continuation</b>								
CA 616	<b>grandiflora 'Sunray' [Sonnenstrahl]</b> , ☼, 50 cm, golden, double and semi-double, VI-IX, Z5-9	8	15	⊗	232,00	29,00	4,20	2,10
CA 624	<b>lanceolata 'Sterntaler'</b> , 40 cm, yellow with brown circle, permanent bloomer, V-X, Z3-8 . . . . .	5	15	✗	176,00	24,00	3,00	2,00
CA 626	<b>major</b> , 80 cm, golden star-flowers, like <i>C. verticillata</i> but with wider leaves, upright stable habit, VI-IX, Z5-9 . . . . .	3	9	✗	–	84,00	12,00	6,00
CA 627	<b>palmata</b> , 60 cm, golden, narrow leaves, VII-VIII, Z4-9 . . . . .	10	9	✗	384,00	48,00	6,00	4,00
CA 625	<b>pubescens 'Sunshine Superman'</b> , ☼, 25 cm, golden with orange disk, permanent flowering, hairy foliage, wide and bushy habit, VI-IX, Z5-9 . . . . .	5	15	⊗ ✗ △	384,00	48,00	6,00	3,00
CA 629	<b>rosea [American Dream]</b> , 25 cm, pink, VI-VII, Z4-9 . . . . .	1	16	△	512,00	64,00	8,00	4,00
CA 630	<b>tripetala</b> , up to 200 cm, light-yellow with dark center, straight and upright, VII-IX, Z4-9 . . . . .	5	9	Sol ✗	–	48,00	6,00	4,50
NEW! CA 632	<b>verticillata</b> , 80 cm, golden yellow, fine whorly foliage, rich flowering, VI-IX, Z4-9 . . . . .	3	1	Sol ✗	–	–	18,00	4,80
<b>CORIANDRUM sativum</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>CORNUS (CHAMAEPERICLYMENUM)</b> (Cornaceae)								
CA 642	<b>canadensis</b> , ☐, 16 cm, white, red berries in fall, VI-VII, Z2-7 . . . . .	20	6	⊗ ✗ Ca △	380,00	48,00	6,20	3,50
<b>CORONILLA varia</b> - see SECURIGERA varia								
<b>CORTIA wallichiana</b> - see SELINUM wallichianum								
<b>CORTUSA</b> (Primulaceae)								
CA 648	<b>matthioli</b> , 30 cm, purple-red, VI-VII, Z4-9 . . . . .	1	16	△	2730,00	342,00	38,00	6,00
<b>CORYDALIS</b> (Papaveraceae)								
NEW! CA 652	<b>acaulis (PSEUDOFUMARIA)</b> , 25 cm, creamy white, bluish green feathery foliage, wintergreen, V-X, Z5-8 . . . . .	3	19	△ ⊗	–	–	18,00	4,50
CA 655	<b>caseana ssp. brandegeei</b> , 120 cm, white-soft pink, with dark tips, blue-green pinnatifid foliage, upright majestic perennial, VII-VIII, Z4-7 . . . . .	10	19	⊗ Sol	–	86,00	12,00	6,00
CA 654	<b>cava (bulbosa)</b> , 25 cm, lilac-pink, rarely white, shade, III-V, Z4-8 . . . . .	20	19	✗ ✗	128,00	16,00	2,00	2,00
CA 656	<b>cheilanthifolia [Manchu]</b> , 20 cm, yellow, fern-like foliage, decorative, V-VI, Z3-8 . . . . .	2	19	△ *	–	–	18,00	4,50
CA 658	<b>lutea (PSEUDOFUMARIA)</b> , 20 cm, yellow, blooms over a long season, V-IX, Z4-8 . . . . .	10	19	△ ⊗	–	62,00	7,80	3,90
CA 662	<b>nobilis</b> , 40 cm, yellow-brown spotted, shade, IV-V, Z5-8 . . . . .	10	19	△	336,00	42,00	5,40	2,70
CA 666	<b>ochroleuca (PSEUDOFUMARIA alba)</b> , 20 cm, like <i>C. lutea</i> , but white with yellow spots, V-IX, Z4-8 . . . . .	10	19	△ ⊗	–	72,00	9,00	4,50
CA 667	<b>ophiocarpa</b> , 40 cm, cream yellow flowers with reddish tips, bronze-green farn-like foliage, IV-VI, Z5-9 . . . . .	2	19	* ⊗	496,00	62,00	7,80	3,90
CA 663	<b>sempervirens (CAPNOIDES)</b> , 40 cm, pink with yellow, blue-green foliage, flowers all season, self-seeds, short lived, V-IX, Z5-7 . . . . .	2	9	⊗	246,00	32,00	4,00	2,00
CA 664	<b>sempervirens 'Alba'</b> , 40 cm, white with yellow, blue-green foliage, self-seeds, short lived, V-IX, Z5-7 . . . . .	2	9	⊗	–	40,00	5,00	2,50
CA 668	<b>solida</b> , 20 cm, lilac-pink, shade, III-IV, Z4-8 . . . . .	10	19	✗	144,00	18,00	2,25	2,25


**COREOPSIS auriculata f. nana 'Elfin Gold'**

**COREOPSIS grandiflora 'Heliot'**

**CORTUSA matthioli**

**COREOPSIS pubescens 'Sunshine Superman'**

**COREOPSIS verticillata**

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>COSMOS</b> (Asteraceae, <i>Compositae</i> ) CA 660 ☐ <b>atrosanguineus 'Black Magic'</b> ,  Chocolate Cosmos, 60 cm, velvet burgundy-red almost black blossoms with dark chocolate fragrance, pinnatifid foliage, variable, unique seed strain, perennial if rootstock kept frost free during winter, VI-IX, Z8-12.....	25	16	✗ ✗	–	240,00	32,00	8,20
<b>COTA tinctoria</b> - see <b>ANTHEMIS tinctoria</b> - see <b>Perennial Herbs + Organic Seed</b>							
<b>COTULA</b> (Asteraceae, <i>Compositae</i> ) CA 671 <b>coronopifolia</b> , Brass Buttons, 15 cm, small yellow heads, VI-VIII, Z6-11..... CA 672 ☐ <b>hispida</b> , 20 cm, brilliant yellow, fine, grey cushions, VI-VIII, Z8-10 .....	0,25 0,1	15 15	✗	640,00 –	80,00 448,00	10,00 56,00	2,50 9,00
<b>CRAMBE</b> (Brassicaceae, <i>Cruciferae</i> ) CA 673 ☐ <b>cordifolia</b> ,  200 cm, white, VI-VII, Z5-8 .....	60	8	Sol ✗	192,00	24,00	3,00	9,80
CA 674 ☐ <b>maritima</b> ,  , Sea Kale, 70 cm, white, blue-grey leaves, V-VII, Z5-8 ( <i>s. a. Organic-Seeds</i> ) .....	100	8	Sol N	90,00	12,00	2,00	6,00
<b>CRASPEDIA</b> (Asteraceae, <i>Compositae</i> ) CA 760 ☐ <b>lanata</b> , 20 cm, yellow flower heads, grey-feltlike foliage, VI-VII, Z7-9 .....	1	3/16	△ △	–	–	–	7,40
<b>CREPIS</b> (Asteraceae, <i>Compositae</i> ) CA 670 <b>pyrenaica</b> , 40 cm, yellow, grey-green, VI-VIII, Z5-8 .....	10	15		369,00	46,00	5,70	4,30
<b>CRITHMUM maritimum</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>							
<b>CROCOSMIA</b> (Iridaceae) CA 682 <b>Paniculata-Hybr. 'Orangerot'</b> , 60 cm, orange-red, variable, VII-X, Z6-9 .....	15	16	✗	160,00	20,00	2,60	2,60
<b>CRUCIANELLA stylosa</b> - see <b>PHUOPSIS stylosa</b>							
<b>CRYPTOTAENIA</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<b>CUCUBALUS</b> (Caryophyllaceae) CA 780 <b>baccifer (SILENE baccifer)</b> , Berry Catchfly, 120 cm, yellowish-white, black, berry-like fruits, VII-IX, Z6-9 .....	5	16	✗ &	240,00	32,00	4,20	3,00
<b>CUMINUM cuminum</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>							
<b>CYCLAMEN</b> (Primulaceae) NEW! CA 686 ☐ <b>alpinum (trochopteranthum)</b> , 5 cm, dark rose, delicate foliage, II-IV, Z6-9 .....	15	1	△	–	–	16,00	6,80
CA 688 <b>cilicium</b> ,  10 cm, deep rose, seldom white, IX-X, Z6-9 ( <i>s. also GOLD NUGGET SEED®</i> ) .....	15	7	△	–	144,00	16,00	6,80
CA 690 <b>coum</b> ,  5 cm, carmine-rose to white, round to kidney-shaped leaves, II-III, Z5-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	10	7	△	648,00	72,00	8,00	6,00
CA 695 ☐ <b>coum ssp. caucasicum (caucasicum)</b> , 5 cm, mostly pink, large flowering with dark eye, heart shaped leaves, II-III, Z5-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	10	7	△	–	144,00	16,00	6,80
CA 691 <b>coum 'Album'</b> , 5 cm, white, II-III, Z5-9 .....	10	7	△	–	144,00	16,00	6,80
CA 689 <b>coum 'Rubrum'</b> , 5 cm, red, II-III, Z5-9 .....	10	7	△	–	–	16,00	6,80

continued on the following page



**CORYDALIS acaulis**



**COSMOS atrosanguineus 'Black Magic'**



**COTULA hispida**



**CRASPEDIA lanata**



**CRAMBE cordifolia**

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>CYCLAMEN continuation</b>								
CA 693	coum 'Silver Leaf Pink', 5 cm, mostly pink, attractive silver foliage, II-III, Z5-9 . . . . .	10	7	△ *	–	–	36,00	12,00
NEW! CA 696	coum 'Silver Leaf White', 5 cm, mostly white, striking silvery marbled foliage, II-III, Z5-9 . . . . .	10	7	△ *	–	–	36,00	12,00
	europaeum - see <i>purpurascens</i>							
CA 697	graecum, (AGM), 10 cm, pink, attractive marbled foliage, IX-X, Z7-10 . . . . .	10	7	△	–	144,00	16,00	6,80
CA 692	hederifolium ( <i>neapolitanum</i> ), (AGM), 10 cm, mostly pink, seldom white, variable, VIII-X, Z5-8 (see also GOLD NUGGET SEED®) . . . . .	15	7	△	648,00	72,00	8,00	6,00
NEW! CA 703	hederifolium f. <i>albiflorum</i> , (AGM), 10 cm, mostly white, variable, VIII-X, Z5-8 . . . . .	15	7	△	–	72,00	8,00	6,00
CA 694	hederifolium 'Perlenteppeich' [White Pearls], 10 cm, pure white, VIII-X, Z5-8 (see also GOLD NUGGET SEED®) . . . . .	15	7	△	998,00	118,00	14,00	7,80
CA 698	hederifolium 'Rosenteppich' [Pink Pearls], 10 cm, pink, VIII-X, Z5-8 (see also GOLD NUGGET SEED®) . . . . .	15	7	△	998,00	118,00	14,00	7,80
CA 810	hederifolium 'Silver Leaf Pink', 10 cm, mostly pink, striking silvery marbled foliage, VIII-X, Z5-8 . . . . .	15	7	△ *	–	–	36,00	12,00
NEW! CA 812	hederifolium 'Silver Leaf White' [Speedy Silver White], 10 cm, mostly white, striking silvery marbled foliage, VIII-X, Z5-8 . . . . .	15	7	△ *	–	–	36,00	12,00
CA 699	mirabile, 10 cm, pink, IX-XI, Z6-9 . . . . .	10	7	△	–	144,00	16,00	6,80
NEW! CA 730	persicum var. <i>persicum</i> , Wild Persian Cyclamen, 30 cm, white, rose to dark pink with red basal zone, fragrant, variable foliage markings, X-IV, Z9-11 . . . . .	20	9	*○	–	72,00	8,00	6,00
CA 701	pseudibericum, (AGM), 10 cm, brilliant red, fragrant, IV-V, Z6-9 . . . . .	15	7	△	–	144,00	16,00	6,80
CA 700	purpurascens ( <i>europaeum</i> ), (AGM), 10 cm, red, VII-IX, Z5-8 . . . . .	15	8	‡△×	–	–	24,00	9,80
CA 702	repandum, 20 cm, pink, III-V, Z5-8 . . . . .	10	1	△	–	144,00	16,00	6,80
	trochopteranthum - siehe alpinum							
<b>CYMBALARIA</b> (Scrophulariaceae)								
LA 284	muralis ( <i>LINARIA cymbalaria</i> ), 10 cm, mauve, creeping or hanging, VI-IX, Z3-8 . . . . .	1	15	①△↔‡	216,00	27,00	3,40	2,00
LA 285	pallida 'Albiflora' ( <i>LINARIA</i> ), 10 cm, pure white with yellow throat, compact habit, intensive soft green foliage, VI-IX, Z3-8 . . . . .	1	15	②△↔‡	380,00	48,00	7,20	2,40
<b>CYNANCHUM</b> - see <b>VINCETOXICUM</b>								
<b>CYNARA</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>CYNOGLOSSUM creticum, officinale</b> - s. Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>DACTYLICAPNOS scandens</b> - see <b>DICENTRA scandens</b>								
<b>DALEA</b> - see <b>PETALOSTEMON</b>								
<b>DAPHNE</b> (Thymelaeaceae)								
DA 014	mezereum, 90 cm, carmine-red, III-IV, Z3-8 . . . . .	150	5	*\$‡	–	20,00	2,50	6,40
<b>DARLINGTONIA</b> (Sarraceniaceae)								
NEW! DA 004	californica, Cobra Lily, 40 cm, yellowish purple flowers, tubular leaves, V-VII, Z7-11 . . . . .	1	1	~~×*	–	420,00	46,00	6,80
<b>DARMERA</b> - see <b>PELTIPHYLLUM</b>								


**CYCLAMEN alpinum**

**CYCLAMEN coum ssp. caucasicum**

**CYCLAMEN coum 'Silver Leaf Pink'**

**CYCLAMEN hederifolium f. albiflorum**

**CYCLAMEN persicum var. persicum**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>DATISCA</b> (Daticaceae)								
DA 006	<b>cannabina</b> , False Hemp, 200 cm, greenish-yellow flower clusters, pinnatifid foliage, VII-VIII, Z5-8	0,25	16	Sol ✕ ☘	–	186,00	24,00	6,00
<b>DEINANTHE</b> (Hydrangeaceae)								
DA 025	<b>bifida</b> , 40 cm, white blossoms, dense umbels, broad foliage, VII-VIII, Z6-9	0,25	9		–	498,00	64,00	8,00
<b>DEOSPERMA</b> (Aizoaceae)								
DA 021	<b>congestum (basuticum) [Golden Nugget]</b> , 10 cm, brilliant yellow, abundant flowering, V-VIII, Z5-9	1	16	vvw △ ⚡	3200,00	396,00	48,00	5,40
<b>NEW!</b> DA 031	<b>congestum f. album 'White Nugget'</b> , 10 cm, creamy white, abundant flowering, dense, succulent foliage, V-IX, Z5-9	1	16	①△vvw⚡	–	–	64,00	7,20
DA 018	<b>cooperi [Table Mountain®]</b> , 10 cm, carmine-red, V-VIII, Z5-9	0,25	16	vvw △ ⚡	–	352,00	44,00	4,80
DA 022	<b>floribundum Starburst®</b> , 10 cm, brilliant pink-purple with lighter eye, forms shrub-like cushions, V-IX, Z6-9	0,25	16	△ ① ⚡	–	440,00	56,00	5,80
DA 019	<b>hispida (DROSANTHEMUM)</b> , 10 cm, purple-pink, good hardy, V-VIII, Z6-10	0,25	9	△	–	792,00	88,00	7,20
DA 030	<b>Luckhoffii-Hybr. [Desert Jewels]</b> , 10 cm, orange, red, pink, white to yellow, very colorful mix with mostly lighter center, green foliage, V-IX, Z6-12	0,25	16	△ ① ⚡	–	–	88,00	7,20
DA 017	<b>sutherlandii</b> , 8 cm, dark rosy-red with yellowish center, V-VIII, Z6-9	0,5	15	vvw ① ⚡	–	396,00	48,00	5,40
DA 016	<b>sutherlandii 'Peach Star'</b> , 8 cm, brilliant pink with light yellow eye, V-VIII, Z6-9	0,5	15	vvw ① ⚡	–	–	–	7,20
DA 033	<b>hybridus Mixture</b> , 10-30 cm, rich mixture of many nice species and cultivars, also for green roofs, V-VIII, Z6-10	0,5	16	❶ △	1790,00	224,00	28,00	3,50



DEOSPERMA congestum



DEOSPERMA floribundum Starburst®



DEOSPERMA congestum f. album 'White Nugget'



DEOSPERMA Luckhoffii-Hybr.



DEOSPERMA hispida



DELPHINIUM nudicaule 'Laurin'



DELPHINIUM requienii



DELPHINIUM semibarbatum



DELPHINIUM vestitum



DELPHINIUM 'Cobalt Dreams'



DELPHINIUM 'Innocence'



DELPHINIUM 'Pink Punch'



DELPHINIUM 'Mini Stars'



DELPHINIUM 'Blue Lace'



DELPHINIUM 'Green Twist'



DELPHINIUM 'Pagan Purples'



DELPHINIUM 'New Zealand Hybr. Mix'



DELPHINIUM 'Summer Colors'

Production – Breeding – Seed Technology				Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>DELphinium</b> (Ranunculaceae)										
DA 027	<b>barbeyi</b> ( <i>subalpinum</i> ), Subalpine Larkspur, 100 cm, dark blue-purple, dense panicles, broad dissected foliage, VII-VIII, Z4-7 . . . . .			5	8	△ ×	512,00	64,00	8,00	6,00
DA 028	<b>Belladonna</b> 'Bellamosum' [ <i>Blue Papillon</i> ], 120 cm, dark gentian blue, VI-IX, Z3-8			8	20	⊗ ×	160,00	20,00	2,60	2,00
DA 020	<b>Belladonna</b> 'Casa Blanca' [ <i>White Papillon</i> ], 150 cm, pure white, VI-IX, Z3-8									
DA 024	<b>Belladonna</b> 'Cliveden Beauty' [ <i>Light Blue Papillon</i> ], 150 cm, light blue, VI-IX, Z3-8									
DA 026	<b>Belladonna</b> 'Connecticut Yankee', <small>(AAS)</small> , 90 cm, blue shades, lavender and white, VI-IX, Z3-8.			8	20	⊗ ×	240,00	30,00	3,80	2,90
DA 038	<b>exaltatum</b> , 160 cm, blue-purple, narrow branched spikes, VII-VIII, Z4-8 . . . . .			5	8	⊗ ×	512,00	64,00	8,00	6,00
DA 042	<b>grandiflorum</b> 'Blauer Zwerg' [ <i>Blue Pygmy</i> ], 40 cm, gentian blue, VI-VIII, Z3-8 . . . . .			5	15	⊗ ⊗ △	240,00	30,00	3,80	2,00
DA 068	<b>maackianum</b> , 60 cm, dark violet, large flowering, richly branched panicles, dissected roundish foliage, VI-VIII, Z3-7 . . . . .			5	1	△	–	–	–	6,00
NEW! DA 059	<b>nudicaule</b> 'Fox', 25 cm, brilliant orange-red, compact habit, glossy green foliage, first year flowering, VI-VIII, Z6-10 . . . . .			3	15	⊗ ⊗ △	1540,00	192,00	24,00	3,60
DA 050	⊗ <b>nudicaule</b> 'Laurin' [ <i>Redcap</i> ], 40 cm, orange-red, VI-VII, Z6-10. . . . .			2	15	⊗ △	–	176,00	22,00	3,60
NEW! DA 061	⊗ <b>requienii</b> ( <i>maritimum</i> ), 80 cm, lilac blue blossom panicles, rich flowering, impressive glossy foliage, vigorous, mostly biennial, VI-IX, Z7-10. . . . .			10	8	⊗ ♀	–	96,00	12,00	4,80
DA 054	⊗ <b>semibarbatum</b> ( <i>zalii</i> , <i>sulphureum</i> ) [ <i>Sulphur Spike</i> ], 170 cm, yellow, VI-VII, Z5-9 . . . . .			2	9	△ ×	–	512,00	64,00	5,20
DA 064	⊗ <b>vestitum</b> , 60 cm, blue-violet with deep black bee, unusual rounded foliage, VII-IX, Z6-10. . . . .			3	15	–	–	96,00	12,00	3,20
	<b>Elatum-Hybr. Guardian F<sub>1</sub>-Series</b> , 160 cm, early flowering, uniform and fast growing, reliable flowering the 1. year after sowing, best for cut flower production, V-IX, Z3-8									
DA 600	'Guardian Blue'									
DA 606	'Guardian White'									
	<b>Elatum F<sub>1</sub>-Hybr. New Millennium-Series</b> , 120-160 cm, outstanding colors and flower shapes with magnificently full, semi double to double blossoms, stable and strong flower stalks, vigorous growth, very good winterhardy, tolerate warmer and humid climates, VI-IX, Z3-8, . . . . .						approx. 350 seeds = 1g			
DA 700	'Black Eyed Angels', <small>JEL</small> , brilliant white with black bee, semi double									
DA 703	⊗ 'Cobalt Dreams', <small>JEL</small> , brilliant cobalt blue with white bee, semi double									
DA 704	'Dusky Maidens', <small>JEL</small> <small>(SL)</small> , intensive pink with brown bee, semi double									
DA 710	⊗ 'Innocence', <small>JEL</small> , pure white with white bee, semi double									
DA 712	'Lilac Ladies', <small>JEL</small> , deep mauve with white bee, semi double									
DA 716	'Morning Lights', <small>JEL</small> , blue-mauve with white bee, semi double									
DA 719	'Pink Blush', <small>JEL</small> , light coral pink with white bee, semi double									
NEW! DA 720	'Pink Princess', <small>JEL</small> , 60-80 cm, brilliant soft pink with white bee									
DA 717	⊗ 'Pink Punch', <small>JEL</small> , intensive dark rose shades with white and brown bee, semi double									
DA 718	'Purple Passion', <small>JEL</small> , deep purple with white bee, semi double									
NEW! DA 722	'Royal Aspirations', <small>JEL</small> , deep blue with white bee									
DA 726	'Sunny Skies', <small>JEL</small> , pale blue with white bee, semi double									
DA 730	'Sweethearts', <small>JEL</small> <small>(AGM)</small> , intensive pink shades with white bee, semi double									
DA 740	'Super Stars' ( <i>Genuine Mix</i> ), <small>JEL</small> , formula mixture, white, pink, blue, purple and violet, semi double									
DA 788	⊗ 'Mini Stars' [ <i>Dwarf Stars</i> ], <small>JEL</small> , 60-80 cm, dwarf and compact color mix, white, pink, blue and violet, semi double . . . . .			5	20	⊗ ⊗	–	675,00	75,00	9,80
DA 754	⊗ 'Blue Lace', <small>JEL</small> , light blue with a pink tinge, double									
DA 758	'Double Innocence', <small>JEL</small> , pure creamy-white, double									
DA 708	⊗ 'Green Twist', <small>JEL</small> , white with a green tinge and white-green bee, semi double									
DA 762	⊗ 'Pagan Purples', <small>JEL</small> , dark blue-purples, double									
DA 780	'Double Stars', <small>JEL</small> , double flowering mix, white, pink, blue and violet shades									
DA 790	⊗ 'New Zealand Hybr. Mix', <small>JEL</small> , Mixture of open pollinated New Millennium Delphiniums from selected stock, wide range of colour shades, VI-IX, Z3-8. . . . .			5	20	⊗ ⊗	840,00	112,00	15,00	7,50
	<b>grandiflorum f. compactum Butterfly-Series</b> , 40 cm, richly branched, first year flowering, VI-VIII, Z3-8									
DA 046	'Blue Butterfly', ultramarine blue									
DA 044	'Light Blue Butterfly', light blue									
DA 043	'Rose Butterfly', soft pink									
DA 045	'White Butterfly', pure white									
	<b>grandiflorum Summer-Series</b> , 20 cm, richly branched, compact habit, VI-VIII, Z3-8									
DA 051	'Summer Blues', brilliant light blue									
DA 052	'Summer Cloud', intense blue, white eye									
DA 060	'Summer Morning', soft pink									
DA 053	'Summer Nights', midnight blue									
DA 055	'Summer Stars', pure white									
DA 057	⊗ 'Summer Colors', mixed colours									
	<b>Pacific-Premium-Series</b> , 160 cm, selected colours, mostly semi-double flowers, pyramid shaped flowering stalks, original quality, VI-IX, Z4-8									
DA 116	'Astolat Premium', pinkish tones									
DA 108	'Black Knight Premium', dark violet									
DA 112	'Blue Bird Premium', medium blue with white bee									
DA 113	'Blue Jay Premium', medium blue with black bee									
DA 107	'Cameliardi Premium', lavender with dark bee									
DA 114	'Galahad Premium', pure white									
DA 118	'Guinevere Premium', pinkish lavender									
DA 119	'King Arthur Premium', deep blue with white bee									
DA 117	'Percival Premium', white with dark bee									
DA 110	'Summer Skies Premium', sky blue									
DA 120	'Premium Formula Mixture' ( <i>Roundtable</i> )									

continued on the following page

## Production – Breeding – Seed Technology

				Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>DELphinium continuation</b>										
DB 010	'Dark blue', dark bee									
DB 014	'Dark blue', white bee									
DB 018	'Sky blue', white bee									
DB 020	'Cherry blossom', white bee									
DB 022	'Lavender', white bee									
DB 026	'Lilac-rose', white bee									
DB 016	'Mid blue', white bee									
DB 030	'Pure white'									
DB 034	'White', dark bee									
DB 038	'Mixture'									
<b>Pacific-Hybr. Magic Fountains-Series</b> , 70-90 cm, intensive colours, mostly semi-double flowers, cylindrical flowering stalks, dwarf and sturdy Pacific-Typ, VI-IX, Z3-8										
DA 058	Astolat-Group, pink									
DA 062	Black Knight-Group, dark violet/black bee									
DA 066	Blue Bird-Group, medium blue/white bee									
DA 078	Galahad-Group, pure white									
DA 086	King Arthur-Group, dark violet/white bee									
DA 090	Summer Skies-Group, light blue tones									
DA 102	Deluxe Mixture									
<b>Pacific-Group-Series</b> , 180 cm, single to semi-double flowers, variable, occasional with off-colors, VI-IX, Z5-8										
CA 484	DENDRANTHEMA (Asteraceae, Compositae) weyrichii (CHrysanthemum), 15 cm, pink, variable types, VI-VII, Z3-8									
DA 126	canadense, 120 cm, dark pink, blossom panicles on upright stems, VII, Z2-9									
<b>DESMODIUM</b> (Papilionaceae, Leguminosae)										
DA 126	canadense, 120 cm, dark pink, blossom panicles on upright stems, VII, Z2-9									
DA 130	Allwoodii-Hybr. 'Allwoodii Alpinus', 25 cm, pink shades mostly with dark eye, blue-green foliage, VI-VIII, Z4-8									
DA 128	alpinus, (AGM), 10 cm, red, mostly green foliage, variable, VI-VIII, Z3-7									
DA 132	amurensis [Siberian Blues], 30 cm, red-violet, VII-IX, Z3-7									
DA 134	arenarius, 30 cm, white, some with pink zone, fringed blossoms, VII-IX, Z3-8									
DA 135	arenarius f. manus 'Little Maiden', (EL), 15 cm, pure white fringed flowers, fragrant, compact dwarf habit, blue-green foliage, forming dense cushions, VII-IX, Z3-8									
DA 140	barbatus 'Nigrescens' [Sooty], (AGM), 35 cm, deeply maroon flowers, fragrant, green foliage matures to metallic mahogany coloured, V-VIII, Z3-8									
DA 144	barbatus 'Oeschberg', 50 cm, purple-red, excellent for cutting, Original seed, V-VIII, Z3-8									



DENDRANTHEMA weyrichii



DIANTHUS arenarius 'Little Maiden'



DIANTHUS petraeus ssp. noeanus



DIANTHUS barbatus 'Nigrescens'



DIANTHUS deltoides 'Arctic Fire'

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>DIANTHUS continuation</b>								
DA 154	<i>barbatus</i> Mixture, 50 cm, single, V-VIII, Z3-8 . . . . .	2	15	✗ ⚡	32,00	8,00	2,00	2,00
DA 142	<i>barbatus</i> 'Indianerteppich', 30 cm, single alpine mixture, variable, V-VIII, Z3-8 . . . . .	2	15	△	112,00	16,00	2,30	2,00
DA 152	<i>barbatus nanus</i> 'Midget', 20 cm, rich, single mixture, dwarf, compact habit, V-VIII, Z3-8 . . . . .	2	15	△ ② ⚡	280,00	36,00	4,60	2,30
DA 150	<i>barbatus</i> fl. pl. 'Super Duplex Mix', 50 cm, good double, V-VIII, Z3-8 . . . . .	2	15	✗	112,00	16,00	2,30	2,00
DA 138	<i>barbatus</i> fl. pl. <i>Nanus</i> [ <i>Pinocchio</i> ], 30 cm, dwarf, compact, double, rich mixture, variable, V-VIII, Z3-8 . . . . .	2	15	△	112,00	16,00	2,30	2,00
caesius - see <i>gratianopolitanus</i>								
DA 162	<i>carthusianorum</i> , Clusterhead Pink, 40 cm, purple-red, VI-IX, Z3-8 ( <i>see also Organic-Seeds</i> ) . . . . .	3	15	✗ ⚡	72,00	12,00	2,00	2,00
DA 165	<i>carthusianorum</i> 'Rupert's Pink', 20 cm, intense rosy-red, large flowering, grass-like foliage, compact habit, VI-IX, Z3-8 . . . . .	2	15	△ ⚡ ⚡	-	90,00	12,00	4,00
<b><i>caryophyllus</i> fl. pl. Grenadin-Series, 50 cm, VI-VIII, Z7-10</b>								
DA 166	'Grenadin Yellow'							
DA 168	'Grenadin Pink'							
DA 170	'Grenadin Red'							
DA 172	'Grenadin Scarlet'							
DA 174	'Grenadin White'							
DA 176	'Grenadin Mixture'							
DA 180	<i>caryophyllus</i> 'Vienna Mixture', 35 cm, mostly double, dwarf, VI-VII, Z7-10. . . . .	5	15	✗ ⚡	72,00	12,00	2,00	2,00
DA 180		5	15	⌚	96,00	14,00	2,00	2,00
DA 192	<i>cruentus</i> , Blood Carnation, 50 cm, brilliant blood-red, perennial, VI-VIII, Z6-9 . . . . .	2	15	✗ △	-	-	-	4,00
DA 194	<i>deltoides</i> Heath Maiden Pink, 20 cm, wildform, dark rosy-red, intense green foliage cushions, VI-IX, Z3-8 . . . . .	1	15	△	260,00	34,00	4,80	2,40
<b><i>deltoides</i> single colours, 20 cm, VI-IX, Z3-8</b>								
DA 196	'Albus' [ <i>Confetti White</i> ], pure white . . . . .							
DA 198	Arctic Fire', white with brilliant red eye . . . . .							
DA 204	'Brilliant' [ <i>Confetti Cherry Red</i> ], bright red . . . . .							
DA 208	'Erectus', 30 cm, red, upright, bushy habit, green foliage . . . . .							
DA 212	'Flashing Light' [ <i>Leuchtfunk, Confetti Deep Red</i> ], scarlet red, dark foliage . . . . .							
DA 214	'Roseus' [ <i>Confetti Carmine Pink</i> ], bright pink . . . . .							
DA 228	<i>gratianopolitanus</i> ( <i>caesius</i> ) 'Grandiflorus', 20 cm, pink shades with dark eye, fragrant, V-VI, Z3-8 . . . . .	3	15	△ ⚡	236,00	28,00	3,60	2,40
DA 236	<i>gratianopolitanus</i> 'Rosafeder', 20 cm, pure pink, large flowers, fringed blossoms, V-VI, Z3-8 . . . . .	3	15	△	624,00	78,00	9,80	3,40
DA 250	<i>haematocalyx</i> , 20 cm, intense pink, yellowish beneath, low cushions, VI-VII, Z7-9 . . . . .	2	9	△ ↗	-	-	-	6,00
DA 238	isensis 'Dancing Geisha' ( <i>chinensis</i> var. <i>laciniatus</i> ), 30 cm, unusual large, dropping and fringed flowers, white, pink, purple and red shades, bluish foliage, VI-IX, Z5-9 . . . . .	2	15	⌚ ⚡ ✗	-	598,00	68,00	7,20
DA 252	knappii [ <i>Yellow Harmony</i> ], Sulphur Pink, 35 cm, yellow blossom heads, VI-VIII, Z3-7 . . . . .	3	15	△	720,00	90,00	12,00	4,00
DA 254	<i>microlepis</i> , 5 cm, pure pink, grey-green cushions, VI-VII, Z3-8 . . . . .	2	15	△ D	-	-	-	7,20
DA 258	<i>nardiformis</i> , 15 cm, purple-rose, blue-green cushions, VI, Z5-8 . . . . .	2	15	△	-	48,00	6,00	3,00
<b><i>neglectus</i> - see <i>pavonius</i></b>								
DA 262	<i>nitidus</i> , 25 cm, pink, loose cushions, VI-VII, Z5-8 . . . . .	2	15	△ D	-	140,00	18,00	6,00
DA 260	<i>pavonius</i> , (AGM), 5 cm, purple-red, VI, Z4-8 . . . . .	2	15	△	720,00	90,00	12,00	4,00
DA 264	<i>petraeus</i> , 15 cm, white, often fringed, dense cushions, stems single-flowered, variable, VI-VIII, Z4-7 . . . . .	2	16	△	624,00	78,00	9,80	3,40
DA 265	<i>petraeus</i> ssp. <i>noeanaus</i> , Fragrant Snowflake Garden Pink, 20 cm, white, countless deeply fringed single flowers, dense compact cushions, VI-VIII, Z4-8 . . . . .	2	9	△ D D	768,00	96,00	12,00	4,00
DA 268	<i>pinifolius</i> , 40 cm, rose-lilac, compact cushion forming, needle like foliage, VI-VII, Z4-8 . . . . .	1	15	△ D D	-	96,00	12,00	4,00
DA 290	<i>plumarius</i> Mixture, 50 cm, single flowers, V-VII, Z3-8 . . . . .	3	15	✗ △	32,00	8,00	2,00	2,00
DA 271	<i>plumarius</i> <i>Nanus</i> 'Sweetness', (FS), 20 cm, soft pink, rose to dark red shades, mixture of single, fragrant flowers, dwarf, compact habit, V-IX, Z3-8 . . . . .	3	15	⌚ ⚡ △	1980,00	248,00	32,00	7,60
DA 272	<i>plumarius</i> fl. pl. 'Albus', 50 cm, white, double and semi-double, V-VII, Z3-8 . . . . .	3	15	✗	256,00	32,00	4,00	2,00
DA 276	<i>plumarius</i> fl. pl. 'Roseus', 50 cm, pink, double and semi-double, V-VII, Z3-8 . . . . .	3	15	✗	256,00	32,00	4,00	2,00
DA 284	<i>plumarius</i> fl. pl. 'Springcharme' [ <i>Spring Beauty, Frühlingswonne</i> ], 50 cm, double mixture, V-VII, Z3-8 . . . . .	3	15	✗	-	192,00	24,00	3,00
DA 288	<i>plumarius</i> fl. pl. <i>Nanus</i> 'Pink Tones', (FS), 25 cm, very dwarf, compact, good double, V-VII, Z3-8 . . . . .	3	15	△	-	288,00	32,00	8,00
DA 296	<i>pontederae</i> , 50 cm, purple-red, V-VI, Z4-8 . . . . .	2	15	△	192,00	24,00	3,00	2,00
DA 300	<i>pyrenaicus</i> , 30 cm, pink, upright, VI-VIII, Z4-8 . . . . .	3	16	△	-	-	18,00	4,00
DA 308	<i>spiculifolius</i> , 15 cm, white, fringed flowers with red eye, fragrant, dense cushions, V-VIII, Z5-8 . . . . .	2	15	△ D	450,00	58,00	8,20	3,00
DA 314	<i>strictus</i> var. <i>bebbii</i> , 15 cm, pure white, V-VII, Z3-8 . . . . .	3	8	△	224,00	28,00	3,60	2,00
DA 316	<i>subacaulis</i> , 5 cm, light pink, beautiful, flat, blue-green cushions, V-VI, Z4-7 . . . . .	3	15	△	-	140,00	18,00	6,00
DA 320	<i>superbus</i> , Fringed Pink, 45 cm, pink-soft lilac, fragrant, VI-IX, Z3-9 ( <i>see also Organic-Seeds</i> ) . . . . .	1	15	✗ ⚡	128,00	18,00	2,60	2,00
DA 322	<i>superbus</i> 'Primadonna', 50 cm, pinkish-lilac, VI-VIII, Z3-9 . . . . .	1	15	✗ ⚡	384,00	48,00	6,00	3,00
DA 323	<i>sylvestris</i> , 20 cm, pink, VI-VIII, Z4-8 . . . . .	2	16	△	400,00	44,00	5,00	2,50



DIANTHUS isensis 'Dancing Geisha'

DIANTHUS knappii

DIANTHUS nitidus

DIANTHUS spiculifolius



DIERAMA pulcherrimum 'Slieve Donard Hybr.'



DICENTRA scandens



DIGITALIS ambigua 'Carillon'



DIGITALIS x mertonensis



DIGITALIS purpurea 'Pam's Choice'



DIGITALIS purpurea 'Monstrosa'



DIGITALIS purpurea 'Snow Thimble'

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>DIASCIA</b> (Scrophulariaceae)								
DA 329	<b>barbara 'Pink Queen'</b> , Twinspur, 20 cm, light pink, large flowering, loose habit, annual, V-VIII, Z7-10 . . . . .	2	15	○ ⊗ ⊗ w> §	–	36,00	4,80	2,40
<b>DICENTRA</b> (Papaveraceae, Fumariaceae)								
DA 327	<b>cucullaria</b> , Dutchman's Bleeding Heart, 15 cm, white, gracile, dark bluish foliage, IV-V, Z5-8 . . . . .	5	1/6	⊗ △	–	260,00	34,00	4,60
DA 330	<b>eximia</b> , 30 cm, rosy-red, grows quickly, V-IX, Z3-8 . . . . .	10	1	⊗ △	460,00	58,00	7,40	5,20
DA 333	<b>formosa</b> , 30 cm, pink, VI-VIII, Z3-8 . . . . .	10	1	△	–	112,00	14,00	7,00
DA 337	<b>scandens (DACTYLICAPNOS) [Golden Tears]</b> , 200 cm, yellow with reddish tips, climbing, VI-VIII, Z4-7 . . . . .	5	3/1	§ ⊗ ○	–	84,00	12,00	4,00
DA 334	<b>spectabilis (LAMPROCAPNOS)</b> ,  Bleeding Heart, 80 cm, pink, heart-shaped flowers, V, Z4-8 . . . . .	15	3/1	⊗⊗	–	224,00	28,00	8,40
DA 338	<b>spectabilis 'Alba' [Weißherz]</b> ,  80 cm, pure white forms, V, Z4-8 . . . . .	15	3/1	⊗⊗	–	224,00	28,00	8,40
<b>DICHELOSTEMMA</b> (Aliaceae, Liliaceae)								
DA 339	<b>pulchellum (BRODIAEA pulchella)</b> , 45 cm, violet umbels, IV-V, Z4-8 . . . . .	2	9	⊗	128,00	16,00	2,00	2,00
<b>DICTAMNUS</b> (Rutaceae)								
DA 340	<b>albus var. purpureus (fraxinella)</b> ,  Dittany, 80 cm, soft pink with dark veined flowers, white roots, V-VI, Z3-8 ( <i>see also Organic-Seeds</i> ) . . . . .	40	19	‡	180,00	26,00	3,80	3,80
DA 342	<b>albus var. albiflorus</b> , 80 cm, pure white flowers, V-VI, Z3-8 . . . . .	40	19	‡	240,00	32,00	4,20	4,20
<b>DIERAMA</b> (Iridaceae)								
DA 343	<b>igneum</b> , 120 cm, bright lilac, open bell shaped flowers, very dense, arching flower spikes, grasslike foliage, VII-X, Z7-10 . . . . .	20	16	⊗△ Sol	–	84,00	12,00	8,00
DA 346	<b>pulcherrimum</b> , 150 cm, pale pink to purple flowers, IX-X, Z7-10 . . . . .	20	16	Sol⊗	340,00	42,00	5,10	5,10
DA 347	<b>pulcherrimum 'Album'</b> , 150 cm, white, VIII-X, Z7-10 . . . . .	20	16	Sol⊗	512,00	64,00	8,00	8,00
DA 349	<b>pulcherrimum 'Dark Cerise'</b> , 150 cm, dark purple, VIII-X, Z7-10 . . . . .	20	16	Sol⊗	512,00	64,00	8,00	8,00
DA 348	<b>pulcherrimum 'Slieve Donard Hybr.' [Angel Mix]</b> , 140 cm, red, pink, purple and lavender colored bellflowers, compact habit, VIII-X, Z7-10 . . . . .	20	16	Sol⊗	340,00	42,00	5,10	5,10
DA 345	<b>trichorizum</b> , 60 cm, pink-purple bellflowers, upright branched flower spikes, compact, grasslike foliage clumps, VII-IX, Z6-10 . . . . .	15	16	△⊗	–	84,00	12,00	6,00
<b>DIGITALIS</b> (Scrophulariaceae)								
DA 350	<b>ambigua (grandiflora)</b> ,  Yellow Foxglove, 80 cm, with large yellow bells, VI-VII, Z3-8 ( <i>see also Organic-Seeds</i> ) . . . . .	1	15	⊗⊗	120,00	17,00	2,50	2,00
DA 351	<b>ambigua 'Carillon' [Temple Bells]</b> , 35 cm, yellow bellflowers, especially dwarf, VI-VII, Z5-8 . . . . .	0,5	15	△⊗⊗⊗	1240,00	148,00	18,00	4,50
DA 353	<b>ambigua 'Cream Bell'</b> ,  40 cm, cream yellow bellflowers, uniform and compact growth, uniform flowering in the first year without vernalization, VI-VIII, Z5-8 . . . . .	0,5	15	△⊗⊗⊗⊗⊗	3880,00	432,00	48,00	7,20
DA 354	<b>ferruginea 'Gigantea'</b> , Rusty Foxglove, 160 cm, yellowish brown, VI-VIII, Z3-9 . . . . .	1	15	⊗⊗⊗	160,00	20,00	2,50	2,00
DA 355	<b>ferruginea 'Gigantea Gelber Herold'</b> [ <i>Krk-Island</i> ],  150 cm, pure yellow, especially large blossoms, VI-VIII, Z3-9 . . . . .	1	15	⊗⊗⊗	384,00	48,00	6,00	3,00
	<b>grandiflora - see ambigua</b>							
	<b>heywoodii - see purpurea ssp. heywoodii</b>							
DA 362	<b>laevigata</b> , 80 cm, yellow, brown-spotted, graceful variety, perennial, VI-VIII, Z6-9 . . . . .	1	9	⊗⊗	–	–	12,00	4,00
DA 366	<b>lanata (Café Crème)</b> , 80 cm, Woolly Foxglove, white-brown, VI-VIII, Z6-9 ( <i>see also Organic-Seeds</i> ) . . . . .	1	15	⊗⊗⊗	–	–	–	–
DA 370	<b>lutea</b> , 80 cm, light yellow, VI-VIII, Z3-9 . . . . .	1	15	⊗⊗⊗	98,00	14,00	2,00	2,00
DA 374	<b>x mertonensis [Summer King]</b> ,  80 cm, raspberry-rose, V-VI, Z3-8 . . . . .	1	15	⊗⊗⊗⊗⊗⊗⊗	32,00	8,00	2,00	2,00
DA 378	<b>obscura Sunset® [Dusky Maid]</b> ,  Sunset Foxglove, 45 cm, beige-brown, interesting variety, seed stalks for dried flower bouquets, VII-IX, Z4-8 . . . . .	1	15	⊗⊗⊗	320,00	40,00	5,00	2,50
DA 382	<b>parviflora [Milk Chocolate]</b> , 60 cm, brown-red, dense candles, seed stalks for floral arrangements, VII-IX, Z3-9 . . . . .	1	15	⊗△⊗⊗⊗	256,00	32,00	4,00	2,00
DA 386	<b>purpurea</b> , Red Foxglove, 120 cm, red, rarely white, VI-VII, Z4-8 ( <i>see also Organic-Seeds</i> ) . . . . .	1	15	⊗⊗⊗⊗⊗⊗⊗	48,00	8,00	2,00	2,00
DA 388	<b>purpurea f. albiloba</b> , 100 cm, large flowers, white with dark spots, VI-VII, Z4-8 . . . . .	1	15	⊗⊗⊗⊗⊗⊗⊗	96,00	14,00	2,00	2,00
DA 389	<b>purpurea 'Apricot' [Sutton's Apricot, Apricot Delight, Apricot Beauty]</b> ,  100 cm, yellowish-pink, beautiful pastel color, VI-VII, Z4-8 . . . . .	1	15	⊗⊗⊗⊗⊗⊗⊗	120,00	15,00	2,00	2,00
	<b>purpurea 'Berggold' - see Organic Seed</b>							
DA 390	<b>purpurea 'Excelsior'</b> , 120 cm, large flowering mixture, VI-VII, Z4-8 . . . . .	1	15	⊗⊗⊗⊗⊗⊗⊗	96,00	14,00	2,00	2,00
DA 391	<b>purpurea 'Foxy'</b> , 80 cm, large flowering mixture, blooms in the first year, VI-VII, Z4-8 . . . . .	1	15	⊗⊗⊗⊗⊗⊗⊗	160,00	20,00	2,50	2,00
DA 392	<b>purpurea 'Gloxiniaeflora'</b> , 150 cm, large flowering mixture, gloxinia-like flowers, VI-VII, Z4-8 . . . . .	1	15	⊗⊗⊗⊗⊗⊗⊗	96,00	14,00	2,00	2,00
DA 399	<b>purpurea 'Monstrosa'</b> , 120 cm, white and pink, every stem topped with an unusual large single flower, VI-VII, Z4-8 . . . . .	0,5	15	⊗⊗⊗⊗⊗⊗⊗	–	72,00	9,60	4,80
DA 385	<b>purpurea 'Pam's Choice' [Elsie Kelsey]</b> , 120 cm, creamy-white bell flowers with deep burgundy splotched throats, very unusual, VI-VII, Z4-8 . . . . .	1	15	⊗⊗⊗⊗⊗⊗⊗	576,00	72,00	9,60	4,80
DA 387	<b>purpurea 'Snow Thimble'</b> ,  100 cm, pure white bellshaped flowers, unspotted, large flowering, V-VII, Z4-8 . . . . .	1	15	⊗⊗⊗⊗⊗⊗⊗	160,00	20,00	2,50	2,00
DA 384	<b>purpurea ssp. heywoodii [Silver Fox, Pink Champagne]</b> , 75 cm, creamy-white, flushed pink flowers, lanceolate, white woolly foliage, V-VII, Z4-8 . . . . .	1	16	⊗⊗⊗⊗⊗⊗⊗	240,00	30,00	3,80	2,00
DA 393	<b>thapsi Spanish Peaks®</b> ,  45 cm, purple-rose, throat spotted, branched flower stalks, perennial, V-VII, Z5-9 . . . . .	1	16	2△⊗⊗⊗	320,00	40,00	5,00	2,50
DA 352	<b>trojana [Helen of Troy]</b> , 60 cm, yellow to amber colored flowers with white lip, large flowering, glossy lanceolate leaves, VI-VIII, Z6-9 . . . . .	1	15	⊗⊗⊗	–	48,00	6,80	3,40
	<b>purpurea F.-Camelot-Series</b> , 120 cm, especially large bell-flowers, dense spikes, more reliable first-year flowering, healthy and uniform growth, V-IX, Z4-8.. <b>approx. 800 seeds = 1g</b>							
DA 364	<b>'Camelot Cream'</b>							
DA 365	<b>'Camelot Lavender'</b>							
DA 368	<b>'Camelot Rose'</b>							
DA 369	<b>'Camelot White'</b>							
DA 372	<b>'Camelot Mix'</b>							
				<b>pelleted seed</b>				
DA 364		2	15	⊗⊗⊗⊗⊗⊗⊗	–	–	78,00	9,80
<b>DIONYSIA</b> (Primulaceae)								
DA 396	<b>involuta</b> , 10 cm, violet with eye, dense cushions, III-IV, Z7-9 . . . . .	1	16	△△^	–	–	–	12,00
DA 395	<b>involuta f. alba</b> , 10 cm, white flowers, dense cushions, very rare, III-IV, Z7-9 . . . . .	1	16	△△^	–	–	–	12,00
DA 397	<b>teucrioides</b> , 5 cm, yellow, dense bushy, III-V, Z7-9 . . . . .	1	16	△△^	–	–	–	12,00

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>DIPLOTAXIS</b> - see <b>Organic Seed</b>								
<b>DIPSACUS</b> (Dipsacaceae)								
DA 410 <i>sativus</i> , 200 cm, white to lilac, use for dried flower bouquets, VII-VIII, Z4-8		10	15	⊗ ⊖ × ⊙	32,00	8,00	2,00	2,00
DA 416 <i>sylvestris (fullonum)</i> , 200 cm, lilac, excellent for dry flower bouquets, VII-VIII, Z3-9 <i>(see also Organic-Seed)</i>		10	15	⊗ ⊖ ×	32,00	8,00	2,00	2,00
<b>DODECATHEON</b> (Primulaceae)								
DA 418 <i>clevelandii</i> , 35 cm, purple-red with yellow throat, V-VI, Z4-8		2	9	× △ Ca	–	144,00	18,00	6,00
jeffreyi - see <i>tetrandrum</i>								
DA 420 <i>meadia</i> , <sup>AGM</sup> , Shooting Star, 40 cm, pink, V-VI, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> )		2	9	× △ Ca	675,00	90,00	12,00	4,00
DA 422 <i>meadia f. album</i> , <sup>AGM</sup> , 40 cm, pure white, V-VI, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> )		2	9	× △ Ca	–	–	–	8,00
DA 423 <i>meadia 'Goliath'</i> , <sup>AGM</sup> , 70 cm, lilac-rose, very large flowering, strong stems, excellent cut flower, V-VI, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> )		2	9	× Ca	768,00	96,00	12,00	4,00
DA 424 <i>meadia 'Red Colors'</i> , 40 cm, flowers intensive colored, V-VI, Z3-7 <i>(see also GOLD NUGGET SEED®)</i>		2	9	× △ Ca	896,00	112,00	14,00	4,70
DA 421 <i>meadia Deluxe mixture</i> , 40 cm, white, pink, red, lilac, V-VI, Z3-7 <i>(see also GOLD NUGGET SEED®)</i>		2	9	× △ Ca	576,00	72,00	9,20	3,10
DA 425 <i>pulchellum</i> , <sup>AGM</sup> , 25 cm, lilac-rose, V-VI, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> )		2	9	△ Ca	1152,00	144,00	18,00	6,00
DA 426 <i>tetrandrum (Jeffreyi) 'Rotlicht' [Red Light]</i> , <sup>AGM</sup> , 40 cm, bright red, V-VI, Z4-8 <i>(see also GOLD NUGGET SEED®)</i>		2	9	× △ Ca	–	144,00	18,00	6,00
<b>DORONICUM</b> (Asteraceae, <i>Compositae</i> )								
DA 428 <i>austriacum</i> , 120 cm, golden, numerous flowers on multibranched stems, VI-VII, Z3-7		3	16		369,00	46,00	6,20	3,10
DA 434 <i>orientale 'Finesse'</i> , 50 cm, yellow, fine radial blossoms, IV-V, Z3-7		3	15	×	1400,00	160,00	18,00	5,40
DA 437 <i>orientale 'Leonardo'™</i> , <sup>AGM FLS</sup> , 35 cm, large golden ray flowers, compact growth, very early flowering, III-V, Z3-8		2	15	△ ⊕ ⊖	–	280,00	32,00	7,20
DA 435 <i>orientale 'Little Leo'</i> , 35 cm, golden yellow with a double set of petals, compact, IV-V, Z4-8		2	15	⊕	–	320,00	36,00	7,80
DA 438 <i>orientale 'Magnificum' [Medaillon d'Or]</i> , 50 cm, yellow, large blooms, IV-V, Z3-7		3	15	×	660,00	88,00	12,00	3,80
DA 440 <i>pardalianches</i> , 80 cm, flowers light yellow on branched stems, VI-VII, Z4-8		3	16		320,00	40,00	5,00	2,50
<b>DOROTHEANTHUS</b> (Aizoaceae)								
DA 427 <i>bellidiformis</i> , Livingstone Daisy, 20 cm, brilliant colours, white, yellow, pink to purple, VII-IX, Z6-10		1	15	⊕ △ ⊖	160,00	24,00	3,60	2,00
<b>DORYCNIUM (LOTUS)</b> (Papilionaceae, <i>Leguminosae</i> )								
DA 442 <i>hirsutum</i> , <sup>AGM</sup> , 40 cm, white with pink, silky-silvery leaves, very decorative, VII-IX, Z6-10 <i>(see also Organic-Seed)</i>		10	9/10	△ × ⊗	460,00	62,00	8,00	6,00
DA 443 <i>pentaphyllum ssp. germanicum</i> , 50 cm, white, VII-IX, Z6-10		6	9/10		184,00	23,00	3,00	2,00


**DODECATHEON** *meadia* Deluxe mixture

**DORONICUM** *orientale* 'Leonardo'™

**DORYCNIUM** *pentaphyllum* ssp. *germanicum*

**DRABA** *aizoides* 'Napoleon'™

**DRACOCEPHALUM** *argunense* 'Fuji Blue'

**Production – Breeding – Seed Technology**

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>DRABA</b> (Brassicaceae, <i>Cruciferae</i> )							
DA 446 <i>aizoides</i> , 3 cm, yellow, very early, green cushions, evergreen, III-IV, Z3-8 . . . . .	1	15	△ △	1800,00	240,00	32,00	4,00
DA 467 <i>aizoides 'Napoleon'</i> ™, 10 cm, brilliant yellow, large and rich flowering, well branched and compact, evergreen rosettes, III-IV, Z3-8 . . . . .	1	15	△ △	–	576,00	64,00	4,80
DA 488 <i>bruniiifolia</i> ssp. <i>olympica</i> , 5 cm, golden, very abundant flowering, dense cushions, IV-V, Z3-9 . . . . .	1	16	△ △	–	340,00	42,00	6,50
DA 455 <i>cretica</i> , 8 cm, light yellow racemes, compact cushions, hairy seed heads, III-V, Z7-10 . . . . .	1	16	△	–	–	32,00	4,00
DA 449 <i>lasiocarpa</i> , 8 cm, golden, III-IV, Z4-8 . . . . .	1	16	△ △	–	336,00	42,00	6,00
DA 448 <i>loiseleurii</i> , 10 cm, white, III-IV, Z7-10 . . . . .	1	15	△	–	160,00	20,00	3,20
DA 490 <i>oligosperma</i> , 5 cm, yellow, loose cushions, IV-VI, Z3-8 . . . . .	0,25	15	△	–	240,00	32,00	4,00
DA 450 <i>ramosissima</i> , 15 cm, white, mat forming, IV-V, Z4-7 . . . . .	1	9	△	–	160,00	20,00	3,20
DA 492 <i>rosularis</i> , 10 cm, yellow, haired cushions, IV-V, Z5-8 . . . . .	0,25	15	△	–	–	32,00	4,00
DA 451 <i>sakuraii</i> , 10 cm, white, dense cushions, IV-V, Z4-8 . . . . .	0,5	15	△ △	–	–	48,00	6,00
<b>DRACOCEPHALUM</b> (Lamiaceae, <i>Labiatae</i> )							
DA 480 <i>argunense 'Fuji Blue'</i> ,  30 cm, bright blue flower spikes, needle like, leathery, dark green foliage, forms compact durable clumps, VI-VIII, Z4-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	10	8	△	576,00	72,00	8,00	6,00
DA 482 <i>argunense 'Fuji White'</i> ,  30 cm, white flower spikes, needle like, leathery, dark green foliage, forms compact durable clumps, VI-VIII, Z4-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	10	8	△	576,00	72,00	8,00	6,00
DA 453 <i>austriacum</i> , 40 cm, violet, large flowering, fine dissected foliage, VI-VII, Z4-8 . . . . .	5	8	△	768,00	96,00	12,00	6,00
DA 483 <i>botrysoides</i> , 15 cm, pink flower panicles, grey-green, pinnatifid leaves, evergreen cushions, IV-V, Z4-8 . . . . .	3	9	△	512,00	64,00	8,00	4,00
DA 487 <i>imberbe</i> , 15 cm, bright purple-blue, VI-VII, Z2-7 . . . . .	5	9	△	–	–	–	7,20
<i>moldavica</i> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
DA 472 <i>peregrinum 'Blue Dragon'</i> ,  30 cm, violet blue, rich and large flowering, dense blue-green, bushy clumps, VI-IX, Z4-8 . . . . .	8	16	△	480,00	60,00	7,60	5,70
DA 474 <i>renati</i> , 25 cm, creamy-white with pink flush, light green, aromatic foliage, VI-VIII, Z4-8 . . . . .	7	16	△	304,00	38,00	4,60	2,30
DA 456 <i>rupestre (grandiflorum hort.)</i> , 30 cm, intense blue, dense, bush-forming, VII-VIII, Z4-8 . . . . .	5	16	△	–	60,00	7,60	3,60
DA 454 <i>ruyschiana [Blue Moon]</i> , 25 cm, blue, VI-VIII, Z3-8 . . . . .	7	16	–	320,00	40,00	5,00	3,80
<b>DROSANTHEMUM</b> - see <b>DEOSPERMA</b>							
<b>DRYAS</b> (Rosaceae)							
DA 462 <i>drummondii</i> , 20 cm, large yellow, nodding flowers, green cushions, V-VII, Z2-9, . . . . .	2	15	△ ↗	1536,00	192,00	24,00	6,00
DA 460 <i>octopetala</i> ,  10 cm, white, IV-VI, Z2-9, . . . . .	3	15	△ ↗	1152,00	144,00	18,00	4,50
<b>DUCHESNEA</b> (Rosaceae)							
DA 464 <i>indica (FRAGARIA) [Tutti Frutti]</i> , Indian Strawberry, 10 cm, yellow, upright red berries, groundcover, VI-IX, Z4-9 . . . . .	1	16	❖ ↗ ↗	224,00	28,00	3,60	2,00


**DRACOCEPHALUM argunense 'Fuji White'**

**DRACOCEPHALUM botrysoides**

**DRACOCEPHALUM peregrinum 'Blue Dragon'**

**DRACOCEPHALUM imberbe**

**DRYAS drummondii**



ECHINACEA angustifolia



ECHINACEA pallida 'Hula Dancer'



ECHINACEA purpurea 'Doubledecker'



ECHINACEA purpurea 'Happy Star'

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
				from 100 g	from 10 g	from 1 g	Portion	
<b>ECHINACEA (RUDBECKIA) (Asteraceae, Compositae)</b>								
EA 003 ☼ <i>angustifolia</i> , Narrow Coneflower, up to 50 cm, pink to red, petals shorter but wider than E. pallida, with yellow pollen, VI-X, Z3-8 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ) .	10	9	‡	144,00	24,00	3,60	3,60	
EA 004 ☼ <i>pallida</i> , Pale Coneflower, 80 cm, pink, long hanging petals, with whitish pollen, VII-IX, Z3-8 ( <i>see also Organic-Seeds</i> ) .	15	15	‡	68,00	14,00	2,00	2,00	
EA 005 ☼ <i>pallida 'Hula Dancer'</i> , JEL, 80 cm, white with pink tinge, long hanging petals, narrow foliage, VII-IX, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) .	15	9	⊗ ×	192,00	24,00	3,60	3,60	
EA 006 ☼ <i>paradoxa</i> var. <i>paradoxa</i> , 80 cm, bright yellow, very unusual, VII-X, Z4-9 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ) .	15	9	⊗ ×	192,00	24,00	3,60	3,60	
RA 180 <i>purpurea</i> (RUDBECKIA), Purple Coneflower, 100 cm, purple-rose, VII-IX, Z3-8 ( <i>see also Organic-Seeds</i> ) .	10	15	⊗ ‡	32,00	8,00	2,00	2,00	
RA 186 <i>purpurea 'Alba' [White Swan]</i> , 100 cm, white, VII-IX, Z3-8 .	10	15	⊗ ‡	126,00	18,00	2,60	2,60	
RA 191 <i>purpurea 'Baby Swan Pink'</i> , 50 cm, deep pink, compact habit, richly branched, VI-IX, Z3-8 .	10	15	⊗ × □	280,00	46,00	7,20	5,40	
RA 187 <i>purpurea 'Baby Swan White'</i> , FS, 50 cm, white, compact habit, richly branched, VI-IX, Z3-8 .	10	15	⊗ × □	280,00	46,00	7,20	5,40	
RA 195 <i>Purpurea-Hyb. 'Cheyenne Spirit'</i> , FS, 50-80 cm, yellow, orange and fire red colors, vigorous and sturdy, first year flowering, VI-X, Z4-8 .	6	15	⊗ ⊗ × ⊗	–	625,00	72,00	9,80	
RA 185 ☼ <i>purpurea 'Doubledecker' [Indiaaca, Indianer]</i> , JEL, 120 cm, purple-red blossoms. During the first growing season ordinary single flowers occur. By year two, a very high percentage of reliable "twins" are produced on sturdy stems. Some of the flowers may even be fully double, variable. A very unusual breeding result from Eugen Schleipfer, VII-IX, Z3-8 .	10	15	⊗ ×	576,00	72,00	9,00	6,75	
RA 244 ☼ <i>purpurea 'Green Twister'</i> , JEL (ISU), Green Coneflower, 100 cm, lemon green with increasing carmine-red center, horizontal flower petals, uniform sturdy habit, abundant flowering, VII-IX, Z3-8 .	10	15	⊗ × ⊗	864,00	96,00	12,00	7,20	
RA 196 ☼ <i>purpurea 'Happy Star'</i> , JEL, 100 cm, bright white with orange-yellow disk, distinctly horizontal flower petals, vigorous and sturdy, very durable and long-lived white form of 'Ruby Star', VII-IX, Z3-8 .	10	15	⊗ ×	336,00	42,00	5,40	4,00	
RA 246 ☼ <i>Purpurea-Hyb. 'Mellow Yellows'</i> , JEL, 80 cm, light yellow to dark yellow colors, vigorous and sturdy, first year flowering, VI-X, Z4-8 .	10	15	⊗ ×	864,00	96,00	12,00	7,20	
RA 182 ☼ <i>purpurea 'Magnus'</i> , JEL (AGM PPA), 100 cm, intense red, wide horizontal petals, very long lasting as a cut flower, VII-IX, Z3-8 ( <i>see also Organic-Seeds</i> ) .	10	15	⊗ ×	192,00	24,00	3,60	3,60	
RA 181 ☼ <i>purpurea 'Magnus Superior'</i> , JEL, 100 cm, intensive carmine-red, wide, horizontal petals, large orange-red cone, dark stems and uniform habit, an improvement of the standard seed cultivar 'Magnus', VII-IX, Z3-8 .	10	15	⊗ ×	336,00	42,00	5,40	4,00	
RA 254 ☼ <i>purpurea 'PowWow® Wild Berry'</i> , 45 cm, bright carmine, rich flowering already in the first year, compact and bushy habit, suitable for container production, VI-IX, Z4-10 .	6	15	△ ⊗ ⊗	–	498,00	58,00	9,80	
RA 255 ☼ <i>purpurea 'PowWow® White'</i> , 45 cm, bright white, rich flowering already in the first year, compact and bushy habit, suitable for container production, VI-IX, Z4-10 .	6	15	△ ⊗ ⊗	–	498,00	58,00	9,80	
RA 193 ☼ <i>purpurea 'Prairie Splendor'</i> , FS, 60 cm, rosy-red with brown center, uniform habit, rich flowering, VI-IX, Z3-8, .	6	15	⊗ ⊗ ⊗	approx. 250 seeds = 1g	1296,00	135,00	15,00	7,50
RA 188 <i>purpurea 'Primadonna Deep Pink'</i> , 90 cm, deep pink, VII-IX, Z3-8 .	10	15	⊗ ×	460,00	54,00	6,40	4,80	
RA 189 <i>purpurea 'Primadonna White'</i> , 80 cm, brilliant white, VII-IX, Z3-8 .	10	15	⊗ ×	460,00	54,00	6,40	4,80	
RA 183 <i>purpurea 'Rubin stern' [Ruby Star]</i> , JEL (AGM), 100 cm, intense carmine-red, horizontal flower petals, shorter petals but with wider disk, VII-IX, Z3-8 .	10	15	⊗ ×	336,00	42,00	5,40	4,00	
RA 184 <i>purpurea 'Verbesserte Leuchtstern' [Starlight, Bright Star Improved]</i> , 100 cm, purple-red, VII-IX, Z3-8 .	10	15	⊗ ×	192,00	24,00	3,60	3,60	
RA 250 <i>purpurea 'Lustre Hyb.'</i> , 120 cm, white, pink to red-purple, mixed colours, VII-IX, Z3-8 .	10	15	⊗ ×	56,00	8,00	2,00	2,00	
EA 007 <i>simulata</i> , 80 cm, pale-pink, drooping petals, similar to E. pallida but with lighter colored flowers and yellowish pollen, VI-VIII, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) .	15	9	‡	192,00	24,00	3,60	3,60	
EA 008 ☼ <i>tennesseensis 'Rocky Top Hyb.'</i> , JEL, 60 cm, pink, bent upward petals, lanceolate foliage, VII-IX, Z4-9 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> ) .	12	9	⊗ ×	192,00	24,00	3,60	3,60	
<b>ECHINOPS (Asteraceae, Compositae)</b>								
EA 010 <i>bannaticus 'Blue Glow'</i> , JEL, 120 cm, intense blue, more decorative flower heads than E. ritro, VII-IX, Z3-8, .	pure seed	60	15	⊗ ×	98,00	14,00	2,00	3,50
EA 011 ☼ <i>bannaticus 'Star Frost'</i> , JEL, 100 cm, pure white spherical flowers, richly branched, sturdy stems, healthy dark green foliage, leaf underside grey, first year flowering from seed, VII-IX, Z3-8, .	pure seed	50	15	⊗ × ⊗	140,00	20,00	2,50	2,50
EA 012 ☼ <i>niveus (sphaerocephalus hort.) 'Arctic Glow'</i> , JEL, 80 cm, large white ballflowers, red stems, green-silvery foliage, VI-VIII, Z3-8, .	pure seed	50	15	⊗ ×	140,00	20,00	2,50	2,50
EA 014 ☼ <i>ritro</i> , 100 cm, blue blossom heads, VII-IX, Z3-8, ( <i>see also Organic-Seeds</i> ) .	pure seed	50	15	⊗ ×	72,00	12,00	2,00	3,20
EA 016 ☼ <i>ritro ssp. ruthenicus 'Platinum Blue'</i> , 60 cm, brilliant sky-blue, dark green, finely feathered foliage, white-woolly stems, VII-IX, Z3-8, .	pure seed	40	15	⊗ × △	140,00	20,00	2,50	2,50



ECHINACEA purpurea 'Magnus Superior'



ECHINACEA purp. 'PowWow® Wild Berry'



ECHINACEA purp. 'PowWow® White'



ECHINACEA purpurea 'Prairie Splendor'



ECHINACEA purpurea 'Green Twister'



ECHINACEA Purpurea-Hybr. 'Mellow Yellows'



ECHINACEA tennes. 'Rocky Top Hybr.'



ECHINOPS bannaticus 'Star Frost'



ECHINOPS niveus 'Arctic Glow'



ECHINOPS ruthenicus 'Platinum Blue'



ECHIUM amoenum 'Red Feathers'



ECHIUM russicum



ENGELMANNIA peristenia



EPILOBIUM fleischeri



ERINUS alpinus var. albus

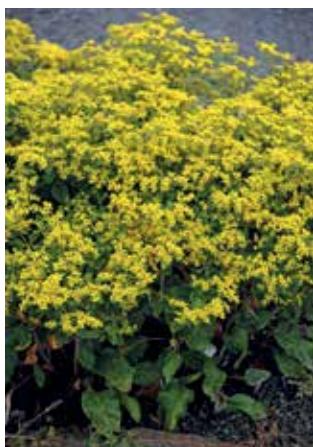
	Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>ECHIUM (Boraginaceae)</b>							
EA 015 ☮ amoenum (russicum f. nanum) 'Red Feathers', (PS), 35 cm, russet-red compact flower spikes, narrow foliage, reblooms after dead-heading, V-VIII, Z3-9 (see also Organic-Seed)	5	15	⊗ ⚡ △	768,00	96,00	12,00	6,00
EA 017 ☮ russicum (rubrum), 60 cm, dark red flower panicles, VI-VIII, Z5-8 (see also Organic-Seed). vulgare - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed	5	15	△ ⚡	384,00	48,00	6,00	3,00
<b>EDRAIANTHUS (Campanulaceae)</b>							
EA 021 graminifolius, Grassy Bells, 10 cm, violet-blue, VI-VIII, Z4-9.	1	15	△	-	240,00	30,00	6,00
EA 029 graminifolius 'Albus', 10 cm, white, VI-VIII, Z4-9.	1	8	△	-	-	-	8,00
EA 022 pumilio, (AGM), 5 cm, blue-violet, forms cushions, VI-VII, Z5-8	0,5	8	△ D	-	-	98,00	9,20
EA 025 tenuifolius, 10 cm, violet-blue blossoms, VI-VII, Z4-8.	1	9	△	-	160,00	20,00	5,00
<b>ELSHOLTZIA (Lamiaceae, Labiateae)</b>							
EA 026 stauntonii, 150 cm, rose-purple, blossom panicles, very aromatic, IX-X, Z4-9	2	15	⚡ × \$	592,00	74,00	9,20	4,60
<b>EMPETRUM (Empetraceae)</b>							
EA 048 nigrum, 20 cm, pink, black berries, V-VI, Z3-8	3	1	△ ↗	320,00	40,00	5,00	2,50
<b>ENGELMANNIA (Asteraceae, Compositae)</b>							
EA 074 ☮ peristenia (pinnatifida), (PS), Engelmann's Daisy, 50 cm, brilliant yellow ray flowers, feathery foliage, bushy habit, V-VIII, Z4-10,..	10	15	△ ⊕	320,00	46,00	6,60	4,20
<b>EPHEDRA (Ephedraceae)</b>							
NEW! EA 032 distachya ssp. helvetica, Swiss Ephedra, 20 cm, greenish yellow blossoms, richly branched, bluish green clumps, IV-V, Z4-8.	15	8	△ &	-	-	-	7,40
<b>EPILOBIUM (Onagraceae)</b>							
angustifolium - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
EA 034 dodonaei (CHAMAENERION), 100 cm, large light pink blossoms in racemes, for dry areas, rosemary like foliage, VII-IX, Z5-8	1	16	△	720,00	90,00	12,00	4,00
EA 038 ☮ fleischeri (CHAMAENERION), (PS), Alpine Willowherb, 30 cm, pink, VII-IX, Z3-7.	1	16	△ ⊕	896,00	112,00	14,00	3,50
hirsutum - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>ERANTHIS (Ranunculaceae)</b>							
EA 051 hyemalis, (AGM), Winter Aconite, 10 cm, golden, II-III, Z3-7.	10	1	✖	144,00	18,00	2,40	2,40
<b>EREMURUS (Asphodelaceae, Liliaceae)</b>							
EA 052 aitchisonii (elwesii), 200 cm, soft pink, wide foliage, V-VI, Z5-9	30	14	✖ Sol	160,00	20,00	2,80	2,80
EA 054 x isabellinus 'Erfo-Hybr.', 160 cm, a real improvement of Shelford-Hybr. (Ruiters-Hybr.), early flowering, mixture of white, pink, yellow and orange shades, VI-VIII, Z4-9.	20	14	✖	160,00	20,00	2,80	2,80
EA 062 robustus, (AGM), 250 cm, soft pink, VI-VII, Z5-9	50	14	✖	98,00	14,00	2,00	4,00

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
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<b>ERICA spiculifolia - see BRUCKENTALIA</b>									
<b>ERIGERON (Asteraceae, Compositae)</b>									
EA 084	<b>aurantiacus</b> , 40 cm, orange-copper, VII-VIII, Z5-8 . . . . .	1	15	△	–	384,00	48,00	8,00	
EA 107	<b>compositus</b> , 5 cm, white with a hint of lavender blue, variable, VI, Z4-7 . . . . .	1	16	△ ⚡	–	36,00	6,00		
EA 088	<b>glaucus</b> , 20 cm, violet-blue, large flowers, VI-IX, Z3-8 . . . . .	1	16	△	1152,00	144,00	18,00	4,50	
EA 089	<b>glaucus 'Albus'</b> , 20 cm, white, large flowers, VI-IX, Z3-8 . . . . .	1	16	△	–	–	28,00	7,00	
EA 090	<b>Karvinskianus</b> 'Blütenmeer' [ <b>Stallone</b> ], <small>[AGM]</small> , 20-30 cm, white-pink, VI-X, Z6-9 . . . . .	0,25	15	⌚ ⚡ ⚡	3520,00	374,00	42,00	5,40	
EA 094	<b>linearis</b> , 15 cm, yellow, narrow foliage, V-VI, Z3-7 . . . . .	1	15	△	–	–	36,00	6,00	
EA 092	<b>speciosus 'Azurfee'</b> [ <b>Azure Fairy</b> ], 50 cm, lavender, semi-double, VI-VIII, Z3-9 . . . . .	1	15	×	1080,00	114,00	12,00	4,00	
EA 096	<b>speciosus 'Grandiflorus'</b> , 75 cm, blue colors, VI-VIII, Z3-9 . . . . .	1	15	×	336,00	42,00	5,40	2,00	
EA 100	<b>speciosus 'Rosa Juwel'</b> [ <b>Pink Jewel</b> ], 70 cm, lilac-rose, VI-VIII, Z3-9 . . . . .	1	15	×	336,00	42,00	5,40	2,00	
	<b>trifidus</b> - see <b>compositus</b>								
<b>ERINUS (Scrophulariaceae)</b>									
EA 110	<b>alpinus</b> , <small>[AGM]</small> , 15 cm, violet-red, V-VII, Z4-7 . . . . .	0,5	4/15	△ ↗	1280,00	160,00	20,00	3,40	
EA 111	<b>alpinus</b> var. <b>albus</b> , 15 cm, pure white, V-VII, Z4-7 . . . . .	0,5	4/15	△	–	192,00	24,00	4,00	
EA 112	<b>alpinus</b> 'Doctor Hähnle', 15 cm, bright red, V-VII, Z4-7 . . . . .	0,5	4/15	△	1344,00	192,00	24,00	4,00	
<b>ERIOGONUM (Polygonaceae)</b>									
EA 113	<b>allenii</b> 'Little Rascal', <small>[JEL]</small> , 40 cm, bright golden and wide flower umbels, unusually long flowering, attractive leaf rosettes, grey-green paddle-shaped foliage, upright growing habit, very drought tolerant, VI-IX, Z5-10, . . . . .	pure seed	5	9	△ ✕ ⚡	996,00	126,00	14,00	4,80
EA 114	<b>fasciculatum</b> , 60 cm, white, VI-VIII, Z6-10, . . . . .	pure seed	10	9	⚡	–	32,00	4,20	2,80
EA 116	<b>umbellatum</b> , 25 cm, yellow umbels, grey-green leaves, in full sun, drought tolerant, long flowering period, VI-IX, Z4-9, . . . . .	pure seed	15	9	△ ↗	240,00	32,00	4,20	4,20
<b>ERIOPHYLLUM (Asteraceae, Compositae)</b>									
EA 120	<b>lanatum</b> ( <b>caespitosum</b> ) [ <b>Pointe</b> ], 25 cm, yellow, VI-VIII, Z4-9 . . . . .	1	9	△	320,00	40,00	5,00	2,50	
<b>ERITRICHIUM (Boraginaceae)</b>									
EA 122	<b>Canum-Hybr.</b> 'Baby Blues', <small>[JEL]</small> , 25 cm, brilliant blue, large blossoms, dense flower spikes, compact habit, reliable first year flowering from seed, short lived, often only annual, VI-VIII, Z4-7 . . . . .	15	16	⌚ ⚡ △	360,00	48,00	6,60	3,30	
EA 124	<b>nanum</b> , Alpine Forget-me-not, 5 cm, azure, VI-VII, Z4-8 . . . . .	1	1	△ ▷	–	–	272,00	9,80	
<b>ERODIUM (Geraniaceae)</b>									
EA 130	<b>manescavii</b> , 40 cm, magenta-red, VI-IX, Z5-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	30	16	△ ⚡	460,00	58,00	7,20	7,20	
<b>ERUCA</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed									



ERINUS alpinus 'Doctor Hähnle'



ERIOGONUM allenii 'Little Rascal'



ERODIUM manescavii



ERIOGONUM umbellatum



ERITRICHIUM Canum-Hybr. 'Baby Blues'



ERYNGIUM amethystinum



ERYNGIUM campestre



ERYNGIUM leavenworthii



ERYNGIUM maritimum



ERYNGIUM planum 'Blaukappe'



ERYNGIUM planum 'Blue Glitter'

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<b>ERYNGIUM (Apiaceae, Umbelliferae)</b>								
EA 140	agavifolium, 150 cm, blue-green, decorative foliage, VII-IX, Z6-9.....	10	9		160,00	20,00	2,50	2,50
EA 144	alpinum 'Blue Star®', original seed,  80 cm, deep blue, vigorous growth, especially abundant flowers, strong stems, VI-VIII, Z4-9 .....	15	3/1		—	56,00	7,20	4,00
EA 148	alpinum 'Superbum', 80 cm, steel blue, large flowers, VI-VIII, Z4-9 .....	15	3/1		256,00	32,00	4,20	3,40
EA 152	amethystinum, 40 cm, amethyst, VII-VIII, Z5-9 .....	10	8		320,00	40,00	5,60	5,60
EA 156	bourgatii, 50 cm, steel blue, lightly veined, VII-VIII, Z5-9 .....	10	1		—	36,00	4,60	4,60
EA 160	campestre, 40 cm, green, VII-IX, Z5-9 .....	10	8		128,00	16,00	2,20	2,00
EA 163	eburneum, 180 cm, ivory-colored heads, branched, sword-like foliage, VIII-IX, Z7-10 .....	5	9	Sol	512,00	64,00	8,00	4,00
EA 164	giganteum [Miss Wilmott's Ghost],  70 cm, ivory white, VII-VIII, Z4-9.....	30	1		160,00	20,00	2,60	2,60
EA 161	giganteum 'Silver Ghost',  Ivory Thistle, 60 cm, ivory white, filigreed bracts, more persistent than the species, VII-IX, Z4-9 .....	30	1		—	36,00	4,60	4,60
EA 159	leavenworthii [Purple Sheen], 60 cm, blue-purple flowers with red-purple bracts, blue-grey foliage, very interesting for flower arrangements, VII-IX, Z4-8 .....	5	9		432,00	48,00	9,80	9,80
EA 165	maritimum, Sea Holly, 40 cm, blue-green, silver-grey foliage, VI-X, Z4-10 (see also Organic- <i>Seeds</i> ) .....	50	9		196,00	24,00	3,00	6,00
EA 168	planum, 120 cm, steel blue, small blossom heads, VI-VIII, Z4-8 .....	10	15		96,00	16,00	2,60	2,60
EA 169	planum 'Blaukappe' [Blue Cap, Tetra Petra],  70 cm, intense blue, VI-IX, Z4-8 .....	10	15		288,00	36,00	4,60	4,60
EA 187	planum 'Blue Glitter',  80 cm, brilliant deep blue, richly branched, first year flowering from seed without vernalisation, VII-IX, Z4-8 .....	3	15		—	—	68,00	7,80
EA 188	planum 'Blue Hobbit', 30 cm, brilliant blue, very rich flowering, compact, ball-shaped habit, ideal for containers, VII-IX, Z4-8 .....	3	15		—	—	68,00	7,80
EA 189	planum 'Silver Salentino',  120 cm, pure white flowers, rich flowering, VII-IX, Z4-8 .....	10	15		—	36,00	4,60	4,60
EA 192	planum 'White Glitter', 80 cm, white, richly branched, first year flowering from seed without vernalisation, VII-IX, Z4-8 .....	3	15		—	—	68,00	7,80
EA 176	proteiformum, 80 cm, large silver-white bracts, lanceolate foliage, VII-IX, Z8-11 .....	5	16		—	—	18,00	6,00
EA 170	spinalba, 30 cm, bluish, VII-VII, Z5-9 .....	15	1		—	40,00	5,00	5,00
EA 173	variifolium [Miss Marble], 40 cm, grey flower heads, green-white, marbled foliage, very decorative, VII-VIII, Z5-9 .....	5	16		544,00	64,00	8,00	4,00
EA 175	venustum, 40 cm, white flower heads, fine feathery, very thorny foliage, VII-IX, Z6-10 .....	5	9		—	72,00	9,00	4,50
EA 174	yuccifolium, 120 cm, yucca-like leaves, round white blossoms, valuable cut flower, VII-IX, Z3-9 .....	15	9		128,00	16,00	2,20	2,20
<b>ERYSIMUM (Brassicaceae, Cruciferae)</b>								
EA 182	allionii (x marshallii) (CHEIRANTHUS), 45 cm, orange-yellow, V-VI, Z4-10 .....	3	16		32,00	8,00	2,00	2,00
EA 180	helveticaicum, 25 cm, sulphur yellow, VI-VIII, Z4-8 .....	2	16		768,00	96,00	12,00	4,00
EA 179	hybridum 'Canaries', 30 cm, bright golden, compact habit, improved 'Yellow Bird', III-V, Z5-9 .....	5	15		—	178,00	19,80	7,20
EA 184	pumilum, 10 cm, yellow, large blooming, dense panicles, V-VI, Z5-9 .....	5	16		—	—	8,20	4,10

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				from 100 g	from 10 g	from 1 g	Portion
<b>ERYTHRONIUM (Liliaceae)</b>							
EA 190 <i>dens-canis</i> , (AGM), 15 cm, soft pink, similar to Cyclamen flowers, spotted foliage, III-IV, Z2-7...	12	1	△ Ca	320,00	40,00	5,00	5,00
EA 196 <i>grandiflorum</i> , 15 cm, golden, 1-3 blossoms per stem, IV-V, Z4-8...	15	1	△ Ca	576,00	72,00	9,00	6,00
EA 197 <i>montanum</i> , 20 cm, pure white, mostly branched stems, V-VII, Z4-8...	10	1	△	768,00	96,00	12,00	6,00
EA 198 <i>oregonum</i> , 30 cm, white, IV, Z4-8...	10	1	△ Ca	—	80,00	10,00	7,00
EA 199 <i>revolutum</i> , (AGM), 20 cm, white to dark pink, V-VI, Z4-8...	12	1	△ Ca	960,00	120,00	15,00	8,20
<b>ESCHSCHOLZIA californica - see Organic Seed</b>							
<b>EUPATORIUM (Asteraceae, Compositae)</b>							
EA 205 <i>aromaticum</i> ( <b>AGERATINA</b> ), Lesser Snakeroot, 120 cm, white umbels, VII-X, Z3-8...	1	15	✗	—	28,00	4,00	2,00
EA 200 <i>cannabinum</i> , 130 cm, reddish, VI-IX, Z4-8 ( <i>see also Organic-Seeds</i> )...	2	9	❀ \$	96,00	12,00	2,00	2,00
EA 208 ☼ <i>coelestinum</i> ( <b>CONOCLINIUM</b> ), 80 cm, bright blue-violet umbels, seldom white, VII-X, Z6-9...	1	16	✗	720,00	92,00	12,00	4,00
EA 202 ☼ <i>fistulosum f. albidum</i> 'Ivory Towers', (JEL), 200 cm, ivory-coloured, almost pure white flower umbels, grey-green stems, fresh green foliage, first year flowering from seed at half of mature height, VII-IX, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> )...	2	8	Sol ✗ ⓘ	448,00	56,00	6,80	3,40
EA 206 <i>maculatum</i> 'Atropurpureum' ( <i>fistulosum</i> 'Atropurpureum') [ <b>Glow</b> ], (AGM), 200 cm, wine-red, red stems, VII-IX, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> )...	2	1	Sol ✗	—	56,00	6,80	3,40
EA 210 <i>perfoliatum</i> , 150 cm, white (rarely blue), VII-X, Z3-8...	1	9	❀ \$	144,00	18,00	2,40	2,40
EA 212 <i>purpureum</i> , 200 cm, purple, VII-IX, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> )...	2	9	❀ \$	128,00	16,00	2,00	2,00
EA 218 <i>rugosum</i> ( <b>AGERATINA altissima</b> ), 90 cm, white, VII-IX, Z4-8...	2	16	✗	144,00	18,00	2,50	2,00
<b>EUPHORBIA (Euphorbiaceae)</b>							
NEW! EA 221 <i>amygdalooides</i> 'Purpurea' ( <b>Rubra</b> ), 40 cm, yellow, red stems with purple-red foliage, IV-VI, Z5-8...	10	1	▲ ✗	—	96,00	12,00	7,20
EA 250 ☼ <i>characias</i> ssp. <i>wulfenii</i> ( <b>veneta</b> ), (AGM), 130 cm, yellow, large blossom stalks, IV-VI, Z6-9 ( <i>see also GOLD NUGGET SEED®</i> )...	30	9	✗ ⚡	320,00	36,00	4,00	4,00
EA 226 <i>coralliooides</i> , Coral-Spurge, 50 cm, light-yellow, young shoots are flushed with pink, mostly reddish stems, reblooming after dead heading, V-IX, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> )...	10	8	✗ ✗	320,00	40,00	5,20	5,20
EA 227 ☼ <i>corollata</i> , 60 cm, white, abundant flowers, VI-IX, Z5-9...	10	8	✗ ✗	576,00	72,00	9,00	6,80
EA 228 <i>cyparissias</i> , 30 cm, yellow to reddish, VI-VII, Z3-8...	8	1	▲ ✗ ⚡	96,00	14,00	2,00	2,00
EA 230 <i>epithymoides</i> - see <i>polychroma</i>							
EA 230 <i>griffithii</i> , 60 cm, orange-red, V-VI, Z5-8...	10	5	✗ ✗	—	—	—	8,00
EA 235 <i>lathyris</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
EA 235 <i>mellifera</i> , (AGM), 140 cm, pale yellow, scented, lanceolate leaves, shrubby, V-VI, Z8-10...	25	8	Sol ▲ ✗	—	—	36,00	12,00
EA 236 ☼ <i>myrsinifolia</i> , (AGM), 20 cm, yellow, thick and fleshy, blue-green leaves, wintergreen, very decorative, IV-VI, Z5-9 ( <i>see also GOLD NUGGET SEED®</i> )...	30	8	▲ ✗ ▲	176,00	22,00	2,80	2,80
EA 238 <i>nicaeensis</i> , 50 cm, yellow, large blossom stalks, grey-green foliage, wintergreen, durable, IV-VI, Z5-8...	10	8	▲ ✗	—	—	6,00	4,50
EA 242 <i>palustris</i> , (AGM), 100 cm, dark yellow, V-VI, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> )...	20	8	❀ ✗ ⚡	—	72,00	9,00	6,80
EA 240 <i>polychroma</i> ( <i>epithymoides</i> ), (AGM), 40 cm, light yellow, V-VI, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> )...	10	9	✗	384,00	48,00	6,20	3,10
<b>EURYBIA - see ASTER</b>							
<b>EUTROCHIUM - see EUPATORIUM <i>fistulosum</i>, <i>maculatum</i>, <i>purpureum</i></b>							
<b>FERULA (Apiaceae, Umbelliferae)</b>							
FA 006 <i>communis</i> , Giant Fennel, 200 cm, well branched, yellow blossom umbels, VI-VIII, Z7-10...	75	8	ⓘ Sol	252,00	36,00	4,50	9,80
<b>FILIPENDULA (Rosaceae)</b>							
FA 016 <i>rubra</i> , Queen of the Prairie, 150 cm, dark pink to reddish flower umbels, upright habit, VI-VII, Z2-7...	5	1	✗ Sol	—	—	22,00	5,50
FA 018 <i>ulmaria</i> , Meadowsweet, 150 cm, yellowish-white, VI-VIII, Z3-7 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> )...	5	9	❀ \$ ⓘ	72,00	12,00	2,00	2,00
FA 014 <i>vulgaris</i> ( <i>hexapetala</i> ), 45 cm, white, V-VI, Z2-7...	5	16	✗	72,00	12,00	2,00	2,00
<b>FOENICULUM - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<b>FRAGARIA - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<b>FRANCOA (Saxifragaceae)</b>							
FA 020 <i>sonchifolia</i> ( <i>ramosa</i> ), 60 cm, white-pink flower racemes with dark markings, VII-IX, Z4-9...	2	16	▲ ✗	—	384,00	48,00	4,00


**ERYNGIUM proteiflorum**

**ERYNGIUM variifolium**

**ERYSIMUM heliticum**

**ERYSIMUM hybridum 'Canaries'**



EUPATORIUM coelestinum



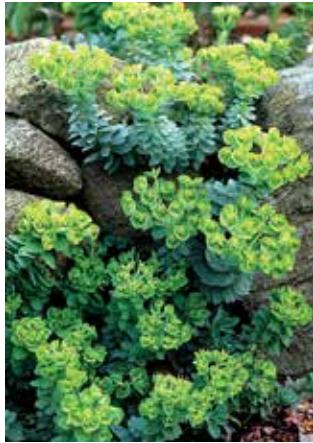
EUPATORIUM fistulosum 'Ivy Towers'



EUPHORBIA characias ssp. wulfenii



EUPHORBIA corollata



EUPHORBIA myrsinifolia



EUPHORBIA characias ssp. wulfenii

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>FRITILLARIA</b> (Liliaceae)								
FA 039	<b>acmopetala</b> ,  40 cm, greenish-yellow with brown spots, IV-V, Z6-8 . . . . .	15	8	✖△	–	40,00	5,20	5,20
FA 046	<b>collina (latifolia var. lutea)</b> , 15 cm, yellow with purple checkered pattern, large flowering, V-VI, Z4-8 . . . . .	5	8	△	–	112,00	16,00	7,00
FA 027	<b>lanceolata (affinis)</b> , 50 cm, dark purple, yellow spotted, V, Z5-10 . . . . .	10	8	△	–	74,00	9,20	7,00
FA 028	<b>meleagris</b> , Snakes Head Fritillary, 30 cm, light and dark purple, checkered, IV-V, Z3-7 . . . . .	8	8	△✖	256,00	32,00	4,00	3,00
FA 030	<b>pallidiflora</b> ,  30 cm, light yellow with dark veins, IV-V, Z3-7 . . . . .	10	1	△	–	96,00	12,00	9,00
FA 033	<b>persica</b> , 70 cm, brown-violet, up to 50 flowers per stem, grey-green leaves, IV-V, Z5-8 . . . . .	10	8	△✖	–	–	12,00	7,00
FA 031	<b>pontica</b> ,  45 cm, apple green with brown tips, IV-V, Z4-8 . . . . .	8	8	△	–	64,00	7,20	3,60
NEW! FA 035	<b>pubica</b> , 20 cm, orange-yellow bellflowers, IV-V, Z3-8 . . . . .	5	8	△	–	–	24,00	9,80
FA 032	<b>tubiformis</b> , 25 cm, dark red, IV-V, Z6-8 . . . . .	10	8	–	64,00	8,00	6,00	–
<b>FUCHSIA</b> (Onagraceae)								
FA 036	<b>magellanica</b> , 90 cm, scarlet red, purple to pink, VII-frost, winter hardy as older plant, V-IX, Z6-9 . . . . .	0,5	16	↖①	–	–	–	7,80
FA 034	<b>procumbens</b> , Creeping Fuchsia, 10 cm, green-yellowish flowers with red and blue stamens, V-X, Z8-10 . . . . .	2	8	□ ↗②	–	–	28,00	4,80
<b>FUMANA</b> (Cistaceae)								
FA 100	<b>procumbens (HELIANTHEMUM)</b> , 25 cm, golden, needle-shaped leaves, V-VII, Z5-8 . . . . .	10	1	△	320,00	40,00	5,00	3,80
<b>GAILLARDIA</b> (Asteraceae, Compositae)								
GA 008	<b>aristata, wild form</b> , 70 cm, yellow with red eye, VI-IX, Z3-9 . . . . .	10	15	–	120,00	16,00	2,00	2,00
GT 004	<b>aristata 'Amber Wheels'</b> , , 75 cm, large golden flowers with fringed tips and amber-red colored center, durable and long lived selection, VI-IX, Z3-9, . . . . .	6	15	②✖	452,00	64,00	9,20	4,60
GA 017	<b>aristata 'Arizona Apricot'</b> , , 30 cm, yellow with apricot-coloured center, rich flowering, uniform and compact habit, reliable first year flowering, VI-IX, Z3-9 . . . . .	4	15	①②	1152,00	128,00	16,00	7,20
GA 011	<b>aristata 'Arizona Red Shades'</b> , 30 cm, brilliant red shades, rich flowering, uniform and compact habit, reliable first year flowering, VI-IX, Z3-9 . . . . .	4	15	①②	1152,00	128,00	16,00	7,20
GA 013	<b>aristata 'Arizona Sun'</b> , , 30 cm, brilliant red with yellow tips, rich flowering, uniform and compact habit, reliable first year flowering, VI-IX, Z3-9 . . . . .	4	15	①②	1152,00	128,00	16,00	7,20
NEW! GT 006	<b>aristata 'Fire Wheels'</b> , , 35 cm, brilliant red with yellow tips, unusual tubular-like petals, compact and sturdy habit, reliable first year flowering, durable and long lived selection, VI-IX, Z3-9, . . . . .	6	15	③④✖△	–	–	16,00	7,20
GA 025	<b>aristata 'Mesa Peach' F1</b> , , , 35 cm, yellow with peach-coloured eye, uniform and compact growth, reliable flowering the first year, VI-IX, Z3-9 . . . . .	6	15	③④✖△	–	–	16,00	7,20
GA 027	<b>aristata 'Mesa Red' F1</b> , , , 35 cm, brilliant red flowers, uniform and compact growth, reliable flowering the first year, VI-IX, Z3-9 . . . . .	5	15	③④	–	288,00	32,00	9,60
GA 021	<b>aristata 'Mesa Yellow' F1</b> , , , 35 cm, brilliant pure yellow flowers, rich flowering, uniform compact habit, reliable flowering the first year, VI-IX, Z3-9 . . . . .	5	15	③④	–	–	–	–

			Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:			
						from 100 g	from 10 g	from 1 g	Portion
<b>GAILLARDIA continuation</b>									
GT 009	'aristata', VI-IX, Z3-9 'Bijou', 25 cm, red with yellow tips, compact, lower than 'Goblin'								
GT 010	'Bremen', 75 cm, dark scarlet with yellow tips								
GT 012	'Burgunder' [Burgundy], 75 cm, wine-red								
GT 016	'Fackelschein' [Torchlight], 75 cm, dark red with wide yellow tips								
GT 019	'Granada' <sup>TM</sup> , [DE] [ES], 30 cm, dark red with broad yellow tips								
GT 018	'Kobold' [Goblin], 35 cm, red with yellow, stable variety								
GT 020	'Maxima Aurea' [Indian Yellow, Aurea Pura], 75 cm, pure yellow								
GT 022	'Tokajer', 75 cm, orange								
GT 024	'Monarch Mix', 75 cm, mixed colors								
GA 002	[DE] pinnatifida, Red Dome Blanketflower, 40 cm, yellow with red disk, pinnatifid leaves, V-VII, Z5-10	5	15	△ ✕		-	-	4,60	2,30
<b>GALANTHUS</b> (Amaryllidaceae)									
GA 026	elwesii (graecus), [AGM], Snowdrop, 15 cm, white, fragrant, II, Z4-8 . . . . .	15	1/6	△		-	60,00	7,60	5,70
GA 028	nivalis, [AGM], Snowdrop, 15 cm, white, II-IV, Z3-8 . . . . .	15	1/6	△ ✕ *		256,00	32,00	4,00	4,00
NEW! GA 029	[DE] plicatus, [AGM], 20 cm, white, II-III, Z5-7 . . . . .	15	1/6	△		-	60,00	7,60	5,70

GALEGA officinalis - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed



GAILLARDIA aristata 'Amber Wheels'



GAILLARDIA aristata 'Arizona Apricot'



GAILLARDIA aristata 'Arizona Red Shades'



GAILLARDIA aristata 'Fire Wheels'



GAILLARDIA aristata 'Granada'™



GAILLARDIA pinnatifida


**GALANTHUS plicatus**

**GAULTHERIA procumbens 'Redwood'™**

**GAURA lindheimeri 'Cool Breeze'**

**GAURA lindheimeri 'Summer Breeze'**

		Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>GALIUM</b>								
	album (mollugo) - see Perennial Herbs - Culinary, Teas and Medicinal							
	odoratum - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
	verum - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>GALTONIA</b> (Hyacinthaceae, <i>Liliaceae</i> )								
GA 044	candicans, (AGM), 120 cm, pure white, blossom panicles, VII-VIII, Z5-9 . . . . .	20	16	✗	320,00	42,00	5,40	3,60
<b>GAULTHERIA</b> (Ericaceae)								
GA 047	depressa, 15 cm, evergreen, white marbled leaves, large white berries, white flowers, winterprotection needed in colder climates, V-VI, Z8-11 . . . . .	0,1	8	Ca △ &	–	324,00	36,00	6,00
GA 048	miqueliania ( <i>pyroloides</i> ), 20 cm, evergreen, white berries, blossoms white, VI, Z6-9 . . . . .	0,25	9	Ca ↗& &	1792,00	224,00	28,00	4,80
GA 050	procumbens, (AGM), 15 cm, evergreen, groundcover with very decorative red berries, pale pink-white flowers, VII-VIII, Z3-8 . . . . .	1	8	Ca ↗& & \$	665,00	78,00	9,20	3,10
GA 051	procumbens 'Redwood'™, (JEL AGM), 15 cm, light pink bells, large brilliant red berries, reliable and heavy fruiting, healthy and vigorous, evergreen, VII-VIII, Z3-8 . . . . . (see also GOLD NUGGET SEED®)	1	8	Ca ↗& \$ Ⓜ	990,00	116,00	13,80	4,60
GT 051	procumbens 'Redwood'™, heat-treated seed is virtually Colletotrichum free, but secondary infection is still possible, please prevent! . . . . . JET®- heat-treated seed	1	8	Ca ↗& \$ Ⓜ	1660,00	196,00	23,00	7,60
GA 052	shallon, 50 cm, white-pink, evergreen, decorative foliage, good for cutting, black berries, V-VI, Z5-8 . . . . .	1	1	Ca ✕ &	628,00	78,00	9,80	3,50
GA 053	trichophylla, 10 cm, white bellflowers with pink tinge, forms tiny cushions, brilliant blue berries, V-VI, Z6-9 . . . . .	0,25	8	Ca △ ↗& &	–	–	–	9,20
<b>GAURA</b> (OENOTHERA) (Onagraceae)								
GA 056	lindheimeri [ <i>The Bride</i> ], (AGM), 85 cm, pure white, numerous flower racemes, very showy, good cut flower, can be grown as an annual, VII-X, Z6-9 . . . . .	40	16	✿ ✕ Ⓜ	98,00	14,00	2,00	2,00
GA 057	lindheimeri 'Sparkle White', (PS), 60 cm, white, compact blossom panicles, perfect for container production, early flowering and fast growing, flowers the first year, VI-X, Z6-9 . . . . .	25	16	✿ Ⓜ △ ✿	540,00	64,00	8,20	7,60
GA 062	lindheimeri 'Cool Breeze', (JEL), 100 cm, pure white flowers with greenish-white stamens and flower buds, very rich and abundant flowering until first frosts, first year flowering from seed, VII-X, Z6-9 . . . . .	30	16	✿ ✕ Ⓜ	154,00	22,00	3,20	3,20
GA 055	lindheimeri 'Summer Breeze', (JEL), 120 cm, pure white flowers with pink filaments, pink buds, very rich and abundant flowering until first frost, especially sturdy and winter hardy selection, first year flowering from seed, in the 1. year 80 cm, in the 3. year 150 cm, VII-X, Z5-9 . . . . .	30	16	✿ ✕ Ⓜ	154,00	22,00	3,20	3,20
<b>GAZANIA</b> (Asteraceae, Compositae)								
NEW! GA 054	Krebsiana 'Tanager'®, (PS), 10 cm, fluorescent orange-red blossoms, rich flowering, vigorous deep green foliage clumps, hardy in mild locations, V-X, Z7-10, . . . . . pure seed	6	15	△ Ⓜ	–	–	36,00	8,40
GA 058	linearis Colorado Gold®, (PS), 20 cm, golden, dark green lanceolate foliage, in mild locations winterhardy! V-X, Z5-9, . . . . . pure seed	3	15	△ Ⓜ	–	216,00	24,00	6,40
<b>GENISTA</b> (Papilionaceae, Leguminosae)								
GA 060	sagittalis (CHAMAESPARTIUM), (AGM), 20 cm, evergreen groundcover, yellow, V-VI, Z4-8 . . . . .	10	10	↗ ✕	192,00	24,00	3,00	2,30
GA 064	tinctoria, 90 cm, yellow, VI-IX, Z3-8 . . . . .	20	1	‡ ✕	48,00	8,00	2,00	2,00
<b>GENTIANA</b> (Gentianaceae)								
GA 070	acaulis (kochiana), (AGM), 10 cm, dark blue, V-VI, Z3-6 (see also GOLD NUGGET SEED®) . . . . .	2	1	△ ✕ ‡	1134,00	126,00	16,00	6,00
	alba - see flavida							
GA 074	algida, 20 cm, yellowish-white with blue markings, VII-IX, Z4-8 . . . . .	0,5	9	△ Ca	–	–	–	7,80
GA 078	andrewsii, 30 cm, dark blue, VII-VIII, Z3-7 . . . . .	1	1	△ Ca	–	–	36,00	4,00
GA 083	angustifolia 'Frei-Hybr.' (acaulis 'Maxima'), 10 cm, especially large, intense dark blue blossoms, V-VI, Z5-8 (see also GOLD NUGGET SEED®) . . . . .	2	1	△	1332,00	148,00	19,00	7,00
GA 086	ascalpiadea, (AGM), Willow Gentian, 40 cm, dark blue, grows upright, blossoms axillary, VII-IX, Z3-7 (see also GOLD NUGGET SEED® + Organic-Seeds) . . . . .	1	1	✗ ‡	768,00	96,00	12,00	4,00
GA 090	ascalpiadea var. alba, 40 cm, pure white, VII-IX, Z3-7 (see also GOLD NUGGET SEED®) . . . . .	1	1	✗	–	192,00	24,00	6,00
GA 088	ascalpiadea 'Pink Swallow' [Pink Cascade], (JEL), 40 cm, intense pink flowering selection, VII-IX, Z3-7 (see also GOLD NUGGET SEED®) . . . . .	1	1	✗	3072,00	384,00	48,00	6,00
GA 096	bavarica, 10 cm, mat-forming, deep blue with light throat, VII-IX, Z4-7 . . . . .	0,5	5	△ Ca	–	–	44,00	6,00
GA 102	clusii, 10 cm, dark azure, without inner spots (acaulis-type), V-VI, Z5-8 . . . . .							
	(see also GOLD NUGGET SEED®) . . . . .							
GA 098	cruciata, 40 cm, dark blue, unpretentious, drought tolerant, variable, VII-IX, Z3-7 . . . . .	2	1	△ ‡	1332,00	148,00	19,00	7,00
		1	9	△	192,00	24,00	3,00	2,00

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>GENTIANA continuation</b>									
GA 099	cruciata 'Blue Cross'	25 cm, bright dark blue bell flowers, very rich blooming, sturdy and upright flower stems, dense leaf rosettes with decussate, broadly lanceolate and glossy green foliage, VII-IX, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> )	1	9	✗ × ☀	768,00	96,00	12,00	4,00
GA 106	dahurica [Nikitina]	35 cm, deep blue, grows easily, VI-VII, Z3-7	1	9	△ ✗	216,00	24,00	3,00	2,00
GA 114	dinarica	10 cm, dark blue, V-VI, Z5-8	2	1	△	1332,00	148,00	19,00	7,00
GA 116	divisa	15 cm, white, to 2,5 cm in size, rich flowering, lanceolate leaves, VII-VIII, Z6-9	1	9	△ ▲	–	224,00	28,00	7,00
GA 118	flavida (alba)	60 cm, cream-yellow, VII-VIII, Z4-7	2	9	△	–	–	12,00	4,00
GA 122	gracilipes	25 cm, purple-blue, VII-IX, Z3-7	2	9	△ ✗	192,00	24,00	3,00	2,00
Kochiana - see acaulis									
lutea - see GOLD NUGGET SEED® + Perennial Herbs + Organic Seed									
GA 138	Makinoi-Hybr. 'Royal Blue'	120 cm, bright blue, up to 10 cut stalks, variable, VIII-X, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> )	1	1	✗ ☀	1152,00	144,00	18,00	6,00
GA 148	oschtenica (verna ssp. oschtenica)	10 cm, brilliant yellow, large flowering, a real rarity, IV-V, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> )	0,5	1	△	–	–	–	9,20
GA 151	Paradoxa-Hybr. 'Blue Herald'	15 cm, large bright blue flowers with six flower tips, rich flowering, verticillate, broad lanceolate foliage, excellent fall flowering gentian, very vigorous, VIII-IX, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> )	0,5	9	⊗ ✗ △ ☀	2300,00	288,00	36,00	7,60
GA 154	pneumonanthe	30 cm, intense blue, VII-IX, Z3-7	0,5	1	❀ ☀	2304,00	288,00	36,00	6,00

*continued on the following page*

**GAZANIA Krebsiana 'Tanager'®**

**GAZANIA linearis Colorado Gold®**

**GENTIANA angustifolia 'Frei-Hybr.'**

**GENTIANA asclepiadea**

**GENTIANA asclepiadea var. alba**

**GENTIANA asclepiadea 'Pink Swallow'**

**GENTIANA cruciata 'Blue Cross'**

**GENTIANA oschtenica**

**GENTIANA Paradoxa-Hybr. 'Blue Herald'**



*GENTIANA pneumonanthe forma alba*



*GENTIANA saxosa*



*GENTIANA septemfida var. lagodechiana 'Bella Alpinella'*



*GERANIUM bohemicum*



*GERANIUM macrorrhizum*



*GERANIUM maculatum*



*GERANIUM maderense 'Guernsey White'*



*GERANIUM pratense 'Dark Reiter'*



*GERANIUM pratense 'Striatum'*



*GEUM chiloense 'Blazing Sunset'*



*GEUM chiloense 'Sunrise'*

**Production – Breeding – Seed Technology**

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>GENTIANA continuation</b>							
GA 155 <i>pneumonanthe forma alba</i> , White Marsh Gentian, 40 cm, pure white with green stripes, narrow leaves, vigorous species, VII-IX, Z3-7 .....	0,5	1	△ × ☐	–	–	48,00	5,20
GA 162 <i>punctata</i> , 50 cm, yellow, brown spotted, VII-VIII, Z4-8 .....	3	1	△ × ☂	–	32,00	4,00	2,00
GA 166 <i>purpurea</i> , Purple-Gentian, 50 cm, red-purple, VII-IX, Z4-8 .....	5	1	△ ☂ N	–	32,00	4,00	2,00
GA 170 <i>saxosa</i> , 5 cm, white, compact tufts, VII-VIII, Z7-10 .....	0,25	1	△ ~ ☂	–	–	56,00	9,00
GA 172 <i>septempida</i> var. <i>lagodechiana</i> , , Summer Gentian, 20 cm, medium blue, VII-IX, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) .....	1	1	△ ×	998,00	120,00	14,00	5,60
GA 174 <i>septempida</i> var. <i>lagodechiana</i> 'Bella Alpinella', , 10 cm, brilliant blue, short stems, forming compact cushions, fantastic summer gentian, VII-IX, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) .....	1	1	△×○②	1460,00	172,00	20,00	7,80
GA 173 <i>septempida</i> var. <i>lagodechiana</i> 'Select', , 20 cm, intense blue, compact, VII-IX, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) .....	1	1	△×○②	1460,00	172,00	20,00	7,80
GA 176 <i>sino-ornata</i> 'Blauer Diamant' [ <i>Blue Diamond</i> ], , Autumn Gentian, 10 cm, intense blue colours with dark stripes, VIII-XI, Z5-8 .....	0,5	9	△ Ca ☂	4990,00	624,00	78,00	9,60
GA 177 <i>straminea</i> , 25 cm, straw-colored, VI-VII, Z5-8 .....	1	16	△	256,00	32,00	4,00	2,00
GA 184 <i>tibetica</i> , 60 cm, yellow-white, VIII, Z4-7 .....	1	16	△	224,00	28,00	4,00	2,00
GA 190 <i>triflora</i> var. <i>japonica</i> , 80 cm, bright blue, VII-IX, Z5-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	0,5	1	× Ca	–	–	22,00	2,40
GA 196 <i>verna</i> , 10 cm, azure with a white eye, IV-V, Z4-8 .....	0,5	5	△	–	360,00	40,00	7,00
GA 197 <i>verna</i> var. <i>angulosa</i> , , 10 cm, deep blue, large flowers, very vigorous form, IV-V, Z4-8 .....	0,5	1	△ ○	–	–	64,00	8,00
GA 195 <i>verna</i> var. <i>angulosa</i> 'Alba', 10 cm, pure white, large flowering, very vigorous form, IV-V, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	0,5	1	△ ○	–	686,00	98,00	9,80
GA 198 <i>verna</i> ssp. <i>oschtenica</i> - see <i>oschtenica</i>							
GA 198 <i>verna</i> ssp. <i>tergestina</i> , 10 cm, dark blue, V-VI, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	0,5	1	△	–	420,00	46,00	7,00
<b>GERANIUM (Geraniaceae)</b>							
GA 201 <i>aristatum</i> , 50 cm, soft lilac-rose, nodding flowers, V-VII, Z6-9 .....	20	9	–	–	128,00	16,00	9,80
GA 202 <i>aspodelooides</i> , 40 cm, white to pink, VI-VIII, Z7-10 .....	5	9	–	1150,00	144,00	18,00	9,80
GA 204 <i>bohemicum</i> [ <i>Orchid Blue, Blue Rhapsody</i> ], 45 cm, brilliant violet-blue with dark veins, V-VIII, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	8	○	384,00	48,00	6,00	3,00
GA 210 <i>endressii</i> , , 30 cm, pink, variable, V-IX, Z4-7 ( <i>see also GOLD NUGGET SEED®</i> ) .....	8	9	–	768,00	96,00	12,00	7,20
GA 211 <i>ibericum</i> , 50 cm, violet-blue with red veins, V-VII, Z5-8 .....	20	8	–	–	–	16,00	9,80
GA 215 <i>macrorrhizum</i> , wild form, 30 cm, purple-red, valuable groundcover, V-VIII, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	10	8	△ ↗	512,00	64,00	8,00	6,00
GA 214 <i>macrorrhizum</i> 'White Ness', 30 cm, pure white, dark green foliage, V-VII, Z3-8 .....	5	8	△	–	–	–	9,80
GA 213 <i>maculatum</i> , 50 cm, pink, V-VI, Z3-8 .....	7	8	‡	–	–	24,00	9,80
GA 256 <i>maderense</i> 'Guernsey White', 120 cm, white with pink eye, richly branched flower stems, impressive leaf-rosettes, VI-VIII, Z8-10 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	9	Sol ☐	1536,00	192,00	24,00	9,80
GA 221 <i>nodosum</i> , 50 cm, lilac-rose, for shade, VI-X, Z5-8 .....	5	8	△	1296,00	144,00	16,00	7,20
GA 209 <i>palustre</i> , 60 cm, violet-red, VI-IX, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	12	1	❀	648,00	72,00	8,00	6,00
GA 217 <i>phaeum</i> , 60 cm, dark purple, V-IX, Z5-8 .....	10	8	–	896,00	112,00	14,00	7,20
GA 236 <i>platyanthum</i> ( <i>eriostemon</i> ), 40 cm, bluish purple, large lobed foliage, V-VII, Z5-8 .....	20	8	△	–	128,00	16,00	9,80
GA 218 <i>pratense</i> , 50 cm, blue-violet, lightly veined, VI-VIII, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	1	–	–	–	–	–
GA 227 <i>pratense</i> f. <i>albiflorum</i> , 50 cm, white, VI-VIII, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	1	–	–	192,00	24,00	3,00
GA 231 <i>pratense</i> 'Dark Reiter', , 25 cm, intensive lilac-blue flowers, compact habit, reddish plum colored foliage, slow growing, 98% true from seed, VI-VIII, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	1	–	–	–	8,20	6,20
GA 229 <i>pratense</i> 'Striatum' [ <i>Splash-Splash, Bicolor</i> ], 50 cm, white flowers, blue speckled and striped, VI-VIII, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	1	◆ △ ☂	1296,00	144,00	16,00	9,80
GA 237 <i>pratense</i> 'Painter's Palette', , 50 cm, colourful flower range from white, soft pink, light blue, dark blue to violet and white with blue splashes, VI-VIII, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	1	–	480,00	60,00	7,50	5,00
GA 224 <i>psilostemon</i> [ <i>Fluorescent</i> ], , 70 cm, bright magenta with black centre, VI-VII, Z5-8 .....	30	8	–	–	–	12,00	9,00
GA 219 <i>pyrenaicum</i> 'Bill Wallis', Pyrenees Cranesbill, 25 cm, dark violet, self-seeds, VI-IX, Z5-9 .....	5	8	⊗ △	–	120,00	15,00	7,50
GA 222 <i>robertianum</i> - see <i>Organic Seed</i>							
GA 222 <i>sanguineum</i> [ <i>Vision Violet</i> ], 35 cm, purple-red, V-IX, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	8	–	648,00	72,00	8,00	8,00
GA 223 <i>sanguineum</i> f. <i>nanum</i> , 15 cm, purple-red, V-IX, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	8	△	1296,00	144,00	16,00	9,80
GA 205 <i>sanguineum</i> var. <i>striatum</i> [ <i>Vision Light Pink</i> ], , 25 cm, pale pink and red veined, V-IX, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	8	–	–	–	–	–
GA 233 <i>sessiliflorum</i> f. <i>nigricans</i> , 10 cm, small white flowers, bronze colored foliage, low growing, VI-IX, Z5-9 .....	8	9	◆ △	–	72,00	8,00	8,00
GA 226 <i>sylvaticum</i> , 70 cm, red-violet, semi-shade, VI-VII, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	9	–	256,00	32,00	4,00	4,00
GA 230 <i>viscosissimum</i> , 60 cm, purple-rose with dark veins, V-VI, Z5-9 .....	15	9	–	–	160,00	20,00	9,80
GA 234 <i>wallachianum</i> 'Buxton's Variety', 30 cm, china blue with white center, marbled leaves, VI-X, Z5-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	30	9	△ ◆	–	–	24,00	12,00
GA 243 <i>wlassovianum</i> , Siberian Cranesbill, 30 cm, red-violet, decorative foliage, VI-IX, Z2-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	15	1	△ ◆	–	96,00	12,00	7,20
GA 249 <i>yessoense</i> var. <i>nipponicum</i> , 30 cm, pink, dark veined, finely feathered foliage, VI-VIII, Z5-8 .....	15	8	△ ❁	–	72,00	8,00	5,40
GA 235 <i>yoshinoi</i> , 40 cm, soft pink, V-VII, Z5-10 .....	10	8	△ ❁	648,00	72,00	8,00	5,40
<b>GERBERA nivea - see LEIBNITZIA nivea</b>							
<b>GEUM (Rosaceae)</b>							
GA 245 <i>chiloense</i> 'Blazing Sunset' [ <i>Red Dragon</i> ], , 60 cm, scarlet, double flowers, very large blossoms, VII-IX, Z4-10 .....	7	15	× ☂	1280,00	144,00	16,00	5,40
GT 244 <i>chiloense</i> 'Feuerball' [ <i>Mrs. Bradshaw</i> ], , 60 cm, red, double, VII-VIII, Z4-10, <b>JET® - rubbed seed</b> .....	5	15	× ☂	288,00	36,00	4,60	2,80
GT 246 <i>chiloense</i> 'Goldball' [ <i>Lady Stratheden</i> ], , 60 cm, golden, double, VI-VIII, Z4-10, <b>JET® - rubbed seed</b> .....	5	15	× ☂	288,00	36,00	4,60	2,80
GA 247 <i>chiloense</i> 'Sunrise', 60 cm, golden double flowers, very large flowering, VII-IX, Z4-10 .....	7	15	× ☂	1280,00	144,00	16,00	5,40
GA 240 <i>coccineum</i> Borisi-II-Strain [ <i>Tango, Queen of Orange, Cooky</i> ], 40 cm, orange-red, V-VI, reblooms often IX-X, Z4-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	5	8	△	–	98,00	12,00	4,40

*continued on the following page*



**GEUM coccineum 'Koi'**



**GEUM montanum**



**GEUM triflorum**



**GILLENNIA trifoliata**



**GLADIOLUS communis**

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>GEUM continuation</b>							
GA 241 ☼ <i>coccineum 'Koi'</i> , 25 cm, brilliant orange, short stems, rich flowering, compact habit, first year flowering, V-IX, Z4-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	3	16	△ ☀ ↗	840,00	98,00	12,00	4,40
hybridum hort. - see <i>chiloense</i>							
GA 250 ☼ <i>montanum</i> , 15 cm, pure yellow, decorative seed heads, IV-V, Z3-7, ..... pure seed	5	8	△ ✕	256,00	32,00	4,00	2,00
GA 258 <i>rivale</i> , 35 cm, light yellow, calyx red brown, IV-V, Z3-7 .....	5	15	❀ ☀ ↗	128,00	16,00	2,00	2,00
GT 258 <i>rivale</i> , ..... JET® - rubbed seed	2	15		384,00	48,00	6,00	3,00
GA 260 ☼ <i>triflorum</i> , 25 cm, 3-flowered, reddish-white, entire plant covered with silky hairs, ornamental seed-spikes, V-VII, Z1-7, ..... pure seed	2	15	△	1940,00	216,00	24,00	8,00
urbanum - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>GILLENNIA (PORTERANTHUS) (Rosaceae)</b>							
GA 266 ☼ <i>trifoliata</i> , (AGM), 80 cm, white, calyx reddish, VI-VII, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) ...	8	1	‡	-	192,00	24,00	7,50
<b>GINGIDIA montana</b> - see Perennial Herbs - Culinary, Teas and Medicinal							
<b>GLADIOLUS (Iridaceae)</b>							
GA 269 ☼ <i>communis</i> , 80 cm, rosy-red, distichous flower panicles, VI-VII, Z5-10 .....	20	1	✗	144,00	18,00	2,40	2,40
GA 270 <i>illyricus</i> , 40 cm, purple-red, V-VI, Z5-9 .....	15	1	✗	280,00	32,00	3,60	3,60
GA 272 <i>imbricatus</i> , 60 cm, purple-violet, uniserrate flower panicles, V-VI, Z5-9 .....	12	1	✗ ✿	-	20,00	2,50	2,50
GA 278 <i>palustris</i> , 45 cm, purple-red, V-VI, Z5-9 .....	12	1	✗ ✿	320,00	38,00	4,20	4,20
<b>GLAUCIDIUM (Glaucidiaceae, Paeoniaceae)</b>							
GA 282 <i>palmatum</i> , (AGM), 60 cm, soft lilac to white, semi-shade, IV-V, Z4-8 .....	25	1		-	-	-	24,00
GA 283 <i>palmatum</i> var. <i>leucanthum</i> (Album), 60 cm, pure white flowers, rare, IV-V, Z4-8 .....	25	1		-	-	-	24,00
<b>GLAUCIUM (Papaveraceae)</b>							
GA 290 <i>flavum</i> , Horned Poppy, 50 cm, yellow-ochre, blue-grey foliage, VI-VII, Z6-9 ( <i>see also Organic-Seeds</i> ) .....	4	9	⌚ ✕	256,00	32,00	4,20	2,00
GA 291 <i>flavum</i> var. <i>aurantiacum</i> ( <i>flavum f. fulvum</i> ) [Burnt Orange], 50 cm, orange-red, blue-green foliage, V-VII, Z6-9 .....	4	9	✖ ✕	384,00	48,00	6,20	2,80
<b>GLECHOMA hederacea</b> - see GOLD NUGGET SEED® + Perennial Herbs + Organic Seed							
<b>GLOBULARIA (Globulariaceae)</b>							
GA 300 ☼ <i>cordifolia</i> , (AGM), 10 cm, lavender-blue, V-VI, Z4-9, ..... pure seed	1	15	↔ △	-	-	-	7,50
GA 308 ☼ <i>nudicaulis</i> , 15 cm, blue, lime soil, V-VI, Z3-8, ..... pure seed	1	15	△	1150,00	144,00	18,00	4,00
GA 312 <i>punctata (elongata)</i> , 25 cm, violet-blue, V-VI, Z3-8, ..... pure seed	1	15	△ ✕ ✕	-	192,00	24,00	5,40
GA 310 ☼ <i>trichosantha</i> , 20 cm, bright blue flowers, carpet forming, V-VI, Z5-9, ..... pure seed	1	15	↔ △	-	144,00	18,00	4,00

## Production – Breeding – Seed Technology

				Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
GLYCYRRHIZA - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed										
GOMPHOCARPUS - see ASCLEPIAS										
GONIOLIMON (Plumbaginaceae)										
GA 315 <i>collinum 'Sea Spray'</i> , , 40 cm, white umbels, richly branched, blue-green, linear, healthy foliage, strong habit, beautiful tidy basal rosettes, VII-VIII, Z5-9, . . . . .	pure seed	2	15	△ ×	560,00	70,00	9,00	4,50		
GA 318 <i>speciosum</i> , 30 cm, pink, dense umbels, flat growing rosettes, VII-VIII, Z3-8, . . . . .	pure seed	1	15	△ ×	1150,00	144,00	18,00	6,00		
LA 276 <i>tataricum</i> ( <i>LIMONIUM</i> ), 45 cm, the fresh flower is pink, VII-IX, Z4-8, . . . . .	pure seed	2	15	×	288,00	36,00	4,80	3,60		
GRATIOLA - see Perennial Herbs - Culinary, Teas and Medicinal										
GRINDELIA - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed										
GUNNERA (Gunneraceae)										
GA 330 <i>manicata</i> , , 200 cm, green to orange, luxurious stand alone plant, VII-VIII, Z6-11 . . . . .		10	14/20	Sol ↗	320,00	40,00	5,00	2,50		
GA 332 <i>prorepens</i> , 10 cm, inconspicuous flowers, intense red berry racemes, grey green, oval foliage, forming dense carpets, VII-VIII, Z7-10 . . . . .		6	1	vv &	768,00	96,00	12,00	6,00		
GYPSOPHILA (Caryophyllaceae)										
GA 336 <i>cerastioides</i> [ <i>Pixie Splash</i> ], 8 cm, white with pink veins, fresh green cushions, V-VI, Z4-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .		2	8	wv △ ♂	–	298,00	32,00	4,50		
GA 340 <i>pacifica</i> , 100 cm, white-pink blossoms, VI-VIII, Z3-8 . . . . .		2	15	×	310,00	38,00	4,80	2,40		
GA 344 <i>paniculata</i> , 100 cm, white, abundant flowers, VI-VIII, Z3-7 . . . . .		3	15	× ♂	32,00	8,00	2,00	2,00		
GA 348 <i>paniculata</i> fl. pl. ' <i>Schneeflocke</i> ' [ <i>Snow Flake</i> ], 100 cm, white, double (approx. 60%), VI-VIII, Z3-7 . . . . .		3	15	×	126,00	18,00	2,40	2,00		
GA 350 <i>petraea</i> , 15 cm, white, rarely lilac, linear foliage, VI-VIII, Z6-9 . . . . .		1	9	△	–	–	–	16,00	4,00	
GA 352 <i>repens</i> , , 15 cm, white, for rock gardens, V-VI, Z3-8 }		3	15	⊗ △ ♂	126,00	18,00	2,40	2,00		
GA 354 <i>repens</i> 'Rosea', 15 cm, light pink, V-VI, Z3-8 }										
GA 355 <i>repens</i> 'Filou Rose', 15 cm, intensive pink, large flowering, compact habit, reliable first year flowering, V-IX, Z3-8 }		2	15	⊗ △ ♂	380,00	54,00	7,80	3,90		
GA 353 <i>repens</i> 'Filou White', 15 cm, pure white, large flowering, compact habit, reliable first year flowering, V-IX, Z3-8 }										
HAPLOPHYLLUM (Rutaceae)										
HA 013 <i>suaveolens</i> , 40 cm, golden, dense umbels, blue-green pinnatifid foliage, aromatic, VI-VIII, Z6-9 . . . . .		3	1	△	360,00	46,00	5,80	2,90		
HEBE (Scrophulariaceae)										
HA 010 <i>raoulii</i> , 20 cm, light pink to lavender coloured, rich flowering, foliage green with reddish touch, V-VI, Z7-9 . . . . .		1	1	△ ↗	–	160,00	20,00	4,00		



GLOBULARIA nudicaulis



GLOBULARIA trichosantha



GONIOLIMON collinum 'Sea Spray'



GYPSOPHILA cerastioides



GYPSOPHILA petraea



GYPSOPHILA repens 'Filou Rose'



GYPSOPHILA repens 'Filou White'



HEDYSARUM tauricum



HELENIUM autumnale 'Helena Gold'

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>HEDYSARUM</b> (Papilionaceae, <i>Leguminosae</i> )							
HA 014 <b>hedysaroides</b> , 40 cm, bright scarlet flower racemes, VII-VIII, Z3-8 . . . . .	10	9	△	–	40,00	5,20	5,20
HA 015 <b>tauricum</b> , 20 cm, purple, feathered foliage, VII-VIII, Z5-8 . . . . .	10	9	△	–	–	9,20	4,60
<b>HELENIUM</b> (Asteraceae, <i>Compositae</i> )							
HA 016 <b>autumnale, wild form</b> , 150 cm, golden, VIII-X, Z3-8 . . . . .	1	16		168,00	22,00	2,80	2,00
HA 021 <b>autumnale 'Helena Gold'</b> , 120 cm, golden, VII-X, Z3-8 . . . . .	0,5	16		–	288,00	36,00	5,00
HA 022 <b>autumnale 'Helena Red Shades'</b> , 120 cm, brown-red colors, VII-X, Z3-8 . . . . .	0,5	16		–	288,00	36,00	5,00
HA 020 <b>autumnale 'Rotgold-Hybr.' [Red Gold Hybr., Helena Mix, Sunshine Hybr.]</b> , 120 cm, yellow to brownish red, VII-X, Z3-8 . . . . .	0,5	16		650,00	88,00	12,00	4,00
HA 029 <b>bigelovii 'Tip Top'</b> ,  60 cm, deep yellow ray florets with a spherical black-brown disk, large flowering, dwarf and compact, VI-VIII, Z4-8 . . . . .	2	15		1590,00	188,00	22,00	5,50
HA 026 <b>flexuosum</b> , 80 cm, yellow with brown disc, early flowering, healthy and upright habit, VI-IX, Z3-9 . . . . .	0,5	16		–	78,00	9,80	3,20
HT 032 <b>hoopesii (HYMENOXYST)</b> , 60 cm, yellow, large flowers, V-VII, Z3-8, . . . . . <b>JET® - rubbed seed</b>	3	15		288,00	36,00	4,60	2,30
<b>HELIANTHELLA</b> (Asteraceae, <i>Compositae</i> )							
HA 036 <b>quinquenervis</b> , Aspen Sunflower, 100 cm, large yellow sunray flowers, rough foliage, dwarf and earlier flowering than Helianthus, V-VIII, Z3-7 . . . . .	20	9	△	256,00	32,00	4,60	4,60
<b>HELIANTHEMUM</b> (Cistaceae)							
HA 040 <b>apenninum</b> , Rock rose, 40 cm, white felt-like foliage, white blossom racemes, unpretentious, V-VII, Z5-9 . . . . .	5	8	△	128,00	16,00	2,00	2,00
HA 044 <b>croceum</b> , 30 cm, yellow to orange, grey leaved, variable, V-VII, Z6-10 . . . . .	3	8	△	–	–	–	3,60
HA 052 <b>nummularium [Evergreen]</b> , 10 cm, yellow, wintergreen, V-VII, Z4-7 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	5	8	△	120,00	15,00	2,00	2,00
HA 054 <b>nummularium ssp. <i>grandiflorum</i></b> , 10 cm, yellow, especially large flowers, VI-IX, Z4-7 . . . . .	5	8	△	192,00	24,00	3,00	2,20
HA 048 <b>nummularium mutabile</b> , 30 cm, mixture of white, pink, rose, red, yellow shades, reblooms, VI-VII, Z4-7 . . . . .	5	9	△	98,00	14,00	2,00	2,00
HA 053 <b>oelandica ssp. <i>alpestris</i></b> , 5 cm, bright yellow, small flowering, dense carpets, VI-VIII, Z5-8 . . . . .	5	8	△	–	–	3,60	2,00
<b>procumbens</b> - see <b>FUMANA procumbens</b>							
<b>HELIANTHUS</b> (Asteraceae, <i>Compositae</i> )							
HA 060 <b>laetiflorus</b> , 180 cm, bright yellow, VIII-X, Z4-9 . . . . .	15	8		384,00	48,00	9,00	6,00
HA 064 <b>maximiliani</b> , 200 cm, golden, VIII-X, Z4-9 . . . . .	6	15	Sol	96,00	12,00	2,00	2,00
HA 068 <b>mollis</b> , 100 cm, yellow, VII-IX, Z4-9 . . . . .	15	8		192,00	24,00	3,20	2,40
<b>HELICHRYSUM</b> (Asteraceae, <i>Compositae</i> )							
HA 080 <b>arenarium</b> , Yellow Everlasting Daisy, 35 cm, golden umbels, white-woolly foliage, VII-IX, Z3-7 . . . . .	0,25	16		–	72,00	9,00	3,00
HA 081 <b>bellidoides</b> , 10 cm, white strawflowers, grey-green foliage, cushion forming, VIII-X, Z6-9 . . . . .	0,25	15	△	–	–	–	6,80
<i>italicum</i> - see <b>Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
HA 083 <b>plicatum</b> , 20 cm, golden, white woolly foliage, VII-VIII, Z6-9 . . . . .	0,25	15	△	–	96,00	12,00	3,00
HA 084 <b>thianshanicum [Goldkind]</b> , 30 cm, canary-yellow with gold-brown, umbel-like blossoms, good cut flower, fresh and dried, VII-VIII, Z5-9 . . . . .	0,25	15		768,00	96,00	12,00	3,00
<b>HELIOPSIS</b> (Asteraceae, <i>Compositae</i> )							
HA 098 <b>helianthoides var. <i>scabra</i> 'Bleeding Hearts'</b> ,  120 cm, fire red at first, orange-red turning to bronze colored, healthy dark purple leaves, black stems, sturdy habit, reliable first year flowering, VII-X, Z3-9 . . . . .	10	15		–	–	14,80	7,40
HA 096 <b>helianthoides var. <i>scabra</i> 'Burning Hearts'</b> ,  120 cm, bicolor, vivid red-eyed and golden, healthy dark purple leaves, black stems, sturdy habit, reliable first year flowering, VII-X, Z3-9 . . . . .	10	15		640,00	78,00	9,80	7,40
HA 091 <b>helianthoides var. <i>scabra</i> 'Prima Ballerina'</b> ,  100 cm, golden, semi-double, rich flowering, compact and sturdy habit, reliable first year flowering, VII-X, Z3-9 . . . . .	10	15		320,00	42,00	5,40	4,20
HA 092 <b>helianthoides var. <i>scabra</i> 'Sommersonne' [Summer Sun]</b> , 120 cm, golden, semi-double, VII-IX, Z3-9 . . . . .	10	15		128,00	16,00	2,00	2,00
HA 093 <b>helianthoides var. <i>scabra</i> 'Summer Nights'</b> ,  120 cm, golden with orange-red center, mostly with red stems and purple-red foliage in spring. An outstanding novelty from North Creek Nurseries, VII-IX, Z3-9 . . . . .	10	15		320,00	42,00	5,40	4,20
HA 094 <b>helianthoides var. <i>scabra</i> 'New Hybrids'</b> , 100 cm, lemon to orange-yellow, magnificent variety, double and semi-double, VII-IX, Z3-9 . . . . .	10	15		128,00	16,00	2,00	2,00



HELENIUM autumn. 'Helena Red Shades'



HELENIUM bigelovii 'Tip Top'



HELIANTHELLA quinquenervis



HELIANTHEMUM apenninum



HELIANTHEMUM num. ssp. grandiflorum



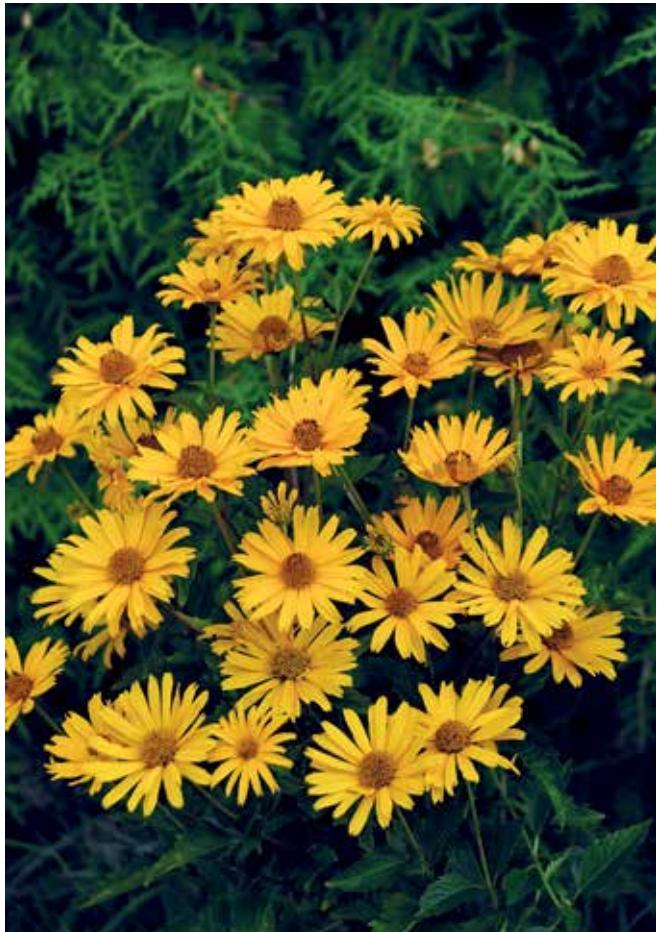
HELICHRYSUM bellidioïdes



HELICHRYSUM thianshanicum



HELIOPSIS helianthoides 'Bleeding Hearts'



HELIOPSIS helianthoides var. scabra 'Prima Ballerina'



HELIOPSIS helianthoides var. scabra 'Burning Hearts'

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>HELIOSPERMA alpestre</b> - see <b>SILENE alpestris</b>								
<b>HELLEBORUS</b> (Ranunculaceae)								
HA 100 ☼ <b>argutifolius (corsicus)</b> ,  50 cm, yellowish-green, evergreen foliage for cutting, II-IV, Z6-9	50	19	✗ ✗	320,00	40,00	5,00	4,20	
HA 103 ☼ <b>argutifolius 'Pacific Frost'</b> , 40 cm, ivory colored flowers, evergreen, speckled variegated foliage, II-V, Z6-9	40	19	✗ ✗ ☃	–	120,00	15,00	9,00	
HA 108 <b>foetidus</b> ,  50 cm, bell-shaped blossoms, green, often with reddish edge, evergreen, II-IV, Z5-8	50	19	‡ ✗ ☃	280,00	36,00	4,50	3,80	
HA 110 <b>foetidus 'Wester Flisk'</b> , 60 cm, green blossoms with reddish edge, red-green stems, evergreen, II-IV, Z5-8	50	19	✗ ✗ ☃	–	70,00	8,70	8,70	
<b>lividus ssp. corsicus</b> - see <b>argutifolius</b>								
HA 120 <b>niger</b> ,  35 cm, white Christmas rose, XI-II, Z3-8	50	19	✗ ☃ ☃	320,00	40,00	5,00	4,20	
HA 112 <b>Orientalis-Hybr.-Mixture</b> ,  35 cm, red, pink, white, II-IV, Z3-8	50	19	✗ ✗	420,00	52,00	6,60	6,60	
HA 378 <b>Orientalis-Hybr. 'Double Ladies Mixed'</b> ,  35 cm, rich color range, double and mostly upright flowers, strong stems, healthy growing characteristics, II-IV, Z3-8	30	19	✗ ✗	–	280,00	36,00	28,00	
HA 111 ☼ <b>Orientalis-Newest Hybr.</b> ,  35 cm, mixture, blossoms yellow, white, pink, red, contains spotted, striped and semi-double types, II-IV, Z3-8	50	19	✗ ✗	560,00	70,00	8,70	8,70	
HA 127 ☼ <b>purpurascens</b> , 40 cm, greenish-purple to bluish, II-IV, Z4-8	50	19	△ ✗	320,00	40,00	5,00	5,00	
<b>HELONIAS</b> (Melanthiaceae, Liliaceae)								
HA 142 ☼ <b>bullata</b> , Swamp Pink, 40 cm, reddish pink, large fragrant flower heads, rare, V-VI, Z7-9	0,5	15	–	–	–	–	–	7,20



HELLEBORUS argutifolius 'Pacific Frost'



HELLEBORUS argutifolius



HELLEBORUS Orientalis-Newest Hybr.



HELLEBORUS purpurascens



HELONIAS bullata



HERACLEUM sphondylium 'Pink Cloud'



HESPERALOE parviflora



HEUCHERA americana 'Dale's Strain'



HEUCHERA 'Palace Purple Select'



HEUCHERA maxima



HEUCHERA pulchella



HEUCHERA sanguinea 'White Cloud'



HEUCHERA villosa var. macrorrhiza

HEUCHERA sanguinea 'Coral Petite'™

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>HEMEROCALLIS</b> (Hemerocallidaceae, <i>Liliaceae</i> )								
HA 144	'New Hybr.', 80 cm, mixture of many colors, V-VIII, Z3-9 . . . . .	80	7	✗	320,00	40,00	5,00	8,00
HA 158	minor, 40 cm, lemon yellow, fragrant, V-VI, Z3-9 . . . . .	30	7	✗△	576,00	72,00	9,00	9,00
<b>HERACLEUM</b> (Apiaceae, <i>Umbelliferae</i> )								
HA 161	■ spondylium 'Pink Cloud', JEL, 140 cm, unique pink umbels, lobed foliage, perennial, VI-IX, Z3-9 . . . . .	20	1	Sol ✗⊗	–	64,00	7,20	4,80
<b>HERNIARIA</b> (Illecebraceae, <i>Caryophyllaceae</i> )								
HA 166	glabra [Green Creeper], 15 cm, white, lawn substitute, evergreen, VII-IX, Z3-8 . . . . .	0,25	15/4	vv⊗	1080,00	128,00	16,00	4,20
<b>HESPERALOE</b> (Asparagaceae)								
HA 169	■ parviflora (YUCCA, ALOE), 150 cm, red to salmon, countless flowers with light yellow throat, clumpy habit, IV-X, Z6-11 . . . . .	80	16	Sol	192,00	24,00	3,40	3,40
<b>HESPERANTHA</b> - see SCHIZOSTYLYS								
<b>HESPERIS</b> (Brassicaceae, <i>Cruciferae</i> )								
HA 170	matronalis, 60 cm, lilac, fragrant, V-VII, Z3-8 . . . . .	10	15	✗⊗	48,00	8,00	2,00	2,00
HA 172	matronalis var. albiflora, 60 cm, white, fragrant, V-VII, Z3-8 . . . . .	10	15	✗	48,00	8,00	2,00	2,00
<b>HETEROTHECA</b> - see CHRYSOPSIS								
<b>HEUCHERA</b> (Saxifragaceae)								
HA 180	americana, 50 cm, whitish, decorative foliage, V-VI, Z3-9 . . . . .	0,5	9	△⊗	–	50,00	6,20	3,10
HA 181	■ americana 'Dale's Strain', 60 cm, cream colored flowers, decorative marbled leaves, variable, VI-VIII, Z3-9 (see also GOLD NUGGET SEED®) . . . . .	0,5	9	△⊗⊗	628,00	78,00	9,80	4,90
HA 193	americana 'Melting Fire', ■, 40 cm, whitish, heavily curled bronze-reddish foliage, healthy and uniform habit, VI-VIII, Z3-9 . . . . .	approx. 1200 seeds = 1g, pelleted seed	10 P.	9	△⊗⊗	–	–	72,00
HA 186	■ americana 'Palace Purple Select', JEL (AGM PPA), 60 cm, cream colored blossoms, leaves bronze-red, VI-VIII, Z3-9 (see also GOLD NUGGET SEED®) . . . . .	0,5	4/8	△⊗⊗	768,00	96,00	12,00	4,00
HA 182	cylindrica, 60 cm, creamy-white flowers, green foliage, VI-VIII, Z3-9 . . . . .	0,5	9	△	576,00	72,00	9,00	4,50
HA 185	■ maxima, Island Alum Root, 60 cm, white panicles, large lobed leaves, IV-VI, Z6-10 . . . . .	0,25	1	⊗	–	–	32,00	7,20
HA 187	micrantha, Alum-root, 40 cm, white, evergreen, slightly undulated foliage, V-VIII, Z4-7 . . . . .	0,5	9	△⊗	–	–	28,00	4,50
HA 183	Newest Hybr., 20-50 cm, flowers white to red, foliage variations from green to bronze-coloured, marbled from silvery to red veined, smooth to undulate leaf margins, incredible forms, select your own new cultivar! VI-IX, Z3-9 . . . . .	0,5	9	△⊗	998,00	124,00	16,00	4,00
HA 189	■ pulchella, 10 cm, pink, compact clumps, delicate and attractive variety, VI, Z7-10 (see also GOLD NUGGET SEED®) . . . . .	0,25	9	△	1152,00	144,00	18,00	4,50

continued on the following page



HIBISCUS coccineus f. albiflorus



HIBISCUS coccineus



HIBISCUS 'Southern Belle Mixed'



HIERACIUM lanatum



HIERACIUM maculatum 'Leopard'

		Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>HEUCHERA continuation</b>									
HA 198	sanguinea 'Bressingham Hybr.'	60 cm, from white to deep red shades, VI-IX, Z3-8.....	0,5	16	×	400,00	50,00	5,60	2,80
HA 194	■ sanguinea 'Coral Petite'™, [JEL]	30 cm, brilliant dark red bellflowers, dense blossom panicles, abundant flowering, compact, evergreen foliage, V-VII, Z3-8.....	0,25	15	△ ☀ ×	7920,00	880,00	98,00	5,40
HA 196	sanguinea 'Leuchtkäfer' [Firefly, Sioux Falls]	, 60 cm, dark scarlet, V-VII, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> .....	0,5	4/9	×	640,00	78,00	9,80	3,60
HA 197	■ sanguinea 'White Cloud'	, 60 cm, white, VI-VIII, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> .....	0,5	9	△	–	256,00	32,00	7,20
HA 190	■ villosa var. macrorrhiza [Autumn Bride]	, 45 cm, white, intense light green foliage, very hairy, late flowering, IX-XI, Z4-9 <i>(see also GOLD NUGGET SEED®)</i> .....	0,5	9	× ☀ *	640,00	78,00	9,80	4,90
<b>HIBISCUS (Malvaceae)</b>									
HA 208	■ coccineus	, 120 cm, fire red, VI-X, Z7-10 <i>(see also GOLD NUGGET SEED®)</i> .....	40	20	□ ^	378,00	42,00	4,60	4,60
NEW! HA 209	■ coccineus f. albiflorus	, 120 cm, pure white blossoms, VI-X, Z7-10.....	40	20	□ Sol	–	–	9,80	7,40
HA 205	manihot [Sunset] (ABELMOSCHUS)	, 150 cm, yellow with purple eye, V-X, Z7-10.....	40	20	□ ^	–	42,00	4,60	4,60
HA 210	moscheutos (palustris)	, 100 cm, mostly pink with purple eye, blossoms 14 cm Ø, VII-IX, Z6-10 <i>(see also GOLD NUGGET SEED®)</i> .....	40	20	*** ☀	192,00	24,00	3,00	3,00
<b>Moscheutos-Hybr.</b>									
HA 204	'Disco Belle Mixed'	, 60 cm, red, pink and white blossoms, up to 25 Ø, dwarf habit, VI-X, Z7-10.....	20	20	□ Sol ☀	640,00	80,00	10,00	5,00
HA 212	■ 'Galaxy'	, 120 cm, very large flowering mixture with exceptional colour display, blossoms up to 25 cm Ø, clear colours, white, light pink, rose, dark rose, light red, deep red, mostly with red center, strong and healthy foliage, strict upright habit, very hardy selection from Gilberg Farms, flowers the first year if sown early, VI-X, Z5-9 <i>(see also GOLD NUGGET SEED® + Organic-Seeds)</i> .....	30	20	□ Sol ☀	460,00	58,00	7,20	3,60
HA 206	■ 'Southern Belle Mixed'	, 150 cm, mixture of many colors, blossoms 25 cm Ø, VI-X, Z7-10.....	30	20	□ ^ ☀	792,00	98,00	12,00	6,00
<b>HIERACIUM (Asteraceae, Compositae)</b>									
HA 220	aurantiacum (rubrum, PILOSELLA)	, 20 cm, orange-red, VI-VIII, Z4-8 .....	0,5	15	△ ↗ ☀	320,00	40,00	5,00	2,00
HA 225	intybaceum	, 30 cm, lemon-yellow, large flowers, VII-IX, Z5-8 .....	2	15	△ ☀	–	–	9,20	4,60
HA 230	■ lanatum (tomentosum)	, 30 cm, golden, flower stalks multibranched, oval leaves, white feltlike, VI-VII, Z6-9 .....	3	9	△ ☁ ☀	320,00	40,00	5,00	2,50
HA 226	■ maculatum (spilophaeum) 'Leopard' [Chocolate Dip], [JEL]	, 25 cm, yellow, dense rosette leaves, bluish-green with red-brown marbling, very decorative, VI-VIII, Z4-8 .....	0,5	9	△ ☁ ☀	624,00	78,00	9,80	4,90
HA 229	niveum	, 15 cm, pale yellow, silver-grey foliage, VI-VII, Z4-10 .....	0,5	15	△ ↗ ☀	–	84,00	12,00	3,00
HA 228	pilosella (PILOSELLA officinarum)	, 15 cm, yellow, grey felt-like, VI-VIII, Z4-10 <i>(see also Organic-Seeds)</i> .....	0,5	15	△ ☁ ↗ ☀	348,00	42,00	6,15	2,00
HA 232	villosum	, 30 cm, yellow, large flowers, silver-grey, VII, Z4-8 .....	3	15	△ ☀	576,00	72,00	9,00	3,00

Production – Breeding – Seed Technology				Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>HIPPOCREPIS</b> (Fabaceae)										
HA 236 <b>comosa</b> , Horseshoe Vetch, 20 cm, yellow pea flowers, blue-green foliage, low growing cushions, V-IX, Z6-9,.....	pure seed	8	1	△ □	154,00		22,00	3,20	2,00	
<b>HORMINUM</b> (Lamiaceae, Labiate)										
HA 240 <b>pyrenaicum</b> , 25 cm, violet, very beautiful leaf-rosettes, VI-VIII, Z5-9 .....		2	16	△	–	–	–	–	7,00	
HA 242 <b>pyrenaicum f. alboviolaceum (Album)</b> , 25 cm, white with violet lip, VI-VIII, Z5-9 .....		2	16	△	–	–	36,00	7,00		
HA 244 <b>pyrenaicum 'Rubrum'</b> , 25 cm, rosy-red, VI-VIII, Z5-9,.....		2	16	△	–	–	–	–	7,00	
<b>HOSTA</b> (Hostaceae, Liliaceae)										
HA 250 <b>elata</b> , 80 cm, light blue-violet, deeply furrowed, dark green leaves, VI, Z3-8 .....		10	7/15	◆	–	56,00	7,00	5,30		
HA 253 <b>nigrescens</b> , 60 cm, pale lavender and white flowers, flowering stems up to 150 cm tall, blue-green foliage, VII-IX, Z3-9 .....		15	7/15	✖◆	420,00	56,00	7,00	5,30		
HA 258 <b>sieboldiana var. elegans</b> , (AGM), 80 cm, pale lilac, popular perennial foliage plant, VI-VIII, Z3-8,.....		10	7/15	✖◆	–	62,00	7,80	4,50		
HA 268 <b>ventricosa</b> , (AGM), 100 cm, violet-blue, large leaves, VIII, Z3-9 .....		20	7/15	✖◆	280,00	36,00	4,50	4,50		
HA 276 New Hybrids [American Hybrids], 30-60 cm, mixture of interesting varieties and cultivars, VI-VIII, Z3-8 .....		10	7/15	✖◆	360,00	45,00	5,60	4,20		
<b>HOUTTUYNIA cordata</b> - see Perennial Herbs - Culinary, Teas and Medicinal										
<b>HUMULUS</b> - see GOLD NUGGET SEED® + Perennial Herbs + Organic Seed										
<b>HUTCHINSIA (PRITZELAGO)</b> (Brassicaceae, Cruciferae)										
HA 290 <b>alpina [Crystal Carpet]</b> , 10 cm, white, evergreen, carpet-like groundcover, III-VI, Z3-9 .....		0,25	16	△ ↗✿	–	378,00	42,00	6,00		
<b>HYACINTHOIDES</b> (Hyacinthaceae, Liliaceae)										
HA 295 <b>non-scripta (SCILLA)</b> , British Bluebell, 25 cm, dark blue bellflowers on nodding racemes, V, Z4-8 .....		15	1	△ ✖	140,00	18,00	2,40	2,40		
<b>HYLOTELEPHIUM</b> - see SEDUM										
<b>HYMENOXYNS</b> (Asteraceae, Compositae)										
HA 306 <b>grandiflora (TETRANEURIS)</b> , Old Man of the Mountain, 30 cm, pure yellow up to 8 cm in Ø, feathered leaves, very showy, V-VI, Z3-7 .....		3	15	△ ^	–	192,00	24,00	6,00		
<b>hoopesii</b> - see HELENIUM hoopesii										
<b>HYOSCYAMUS</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed										
<b>HYPERICUM</b> (Clusiaceae, Guttiferae)										
HA 310 <b>androsaemum</b> , 90 cm, yellow, berry-like fruits, first red, later black, decorative for cutting! VI-IX, Z5-8 .....		1	16	❖ Sol ✖ ⊙	72,00	12,00	2,00	2,00		
HA 312 <b>ascyon (pyramidalatum)</b> , 100 cm, yellow, VI-VIII, Z3-6 .....		1	1		256,00	32,00	4,00	2,00		
HA 314 <b>calycinum [Rose of Sharon]</b> , 30 cm, yellow, wintergreen groundcover, VI-IX, Z5-8 .....		2	1	❖ ↗	680,00	82,00	9,80	3,90		
(see also GOLD NUGGET SEED®).										
HA 316 <b>cerastioides (rhodophaeum) [Silvana]</b> , 15 cm, bright yellow, grey-green leaves, V-VII, Z6-9 .....		2	9	△	–	48,00	6,00	2,00		
(see also GOLD NUGGET SEED®).										
HA 332 <b>patulum</b> , 40 cm, yellow, evergreen, VII-X, Z5-8 .....		1	16	△	192,00	24,00	3,20	2,00		
<b>perforatum</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed										
HA 340 <b>polyphyllum (olympicum) 'Grandiflorum'</b> , 25 cm, golden, VI-VIII, Z5-9 .....		1	16	△ ⊕	680,00	82,00	9,80	3,90		
HA 341 <b>prolificum (spathulatum)</b> , 140 cm, golden, clustered at the top, leathery, glossy leaves, VII-IX, Z3-8 .....		1	9	✖	272,00	34,00	4,40	2,20		
HA 342 <b>pulchrum</b> , 40 cm, yellow, touch of red, anthers orange, VII-IX, Z4-7 .....		1	9	△ ✖	272,00	34,00	4,40	2,20		
HA 343 <b>reptans</b> , 10 cm, golden large flowers, carpet forming and evergreen, V-VII, Z6-9 .....		1	16	△ ↗✿	–	112,00	16,00	4,00		
HA 344 <b>tetrapterum</b> , 40 cm, golden, VI-IX, Z4-8 .....		1	16	❖❖❖	48,00	8,00	2,00	2,00		
<b>HYPOCHAERIS</b> (Asteraceae, Compositae)										
HA 346 <b>uniflora</b> , 40 cm, light-yellow, VII-IX, Z3-7 .....		8	16	△ ❖❖❖	–	25,00	3,20	2,40		
<b>HYSSOPUS officinalis</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed										



HUTCHINSIA alpina



HYMENOXYNS grandiflora



HYPERICUM ascyron



HYPERICUM cerastioides



HYPERICUM calycinum



HYPERICUM polypodium 'Grandiflorum'



HYPERICUM reptans



IBERIS aurosa 'Sweetheart'

		Gram to get 1000 plants	N° of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>IBERIS</b> (Brassicaceae, Cruciferae)								
IA 004 ☒	aurosa 'Sweetheart', [JEL], 15 cm, pink changing to lilac, rich flowering cushions, short lived, V-VII, Z5-9 (see also GOLD NUGGET SEED®)	3	8	△ ☀	–	96,00	12,00	6,00
IA 012	gibraltarica, 30 cm, lilac turning to white, IV-VI, Z6-8	10	16		96,00	14,00	2,00	2,00
IA 018	saxatilis, 8 cm, white, flat cushions, IV-V, Z5-9	5	16	△VV>△*	972,00	108,00	12,00	6,00
IA 026	sempervirens 'Schneeflocke' [Snowflake], [AGM], 30 cm, white, large flowers, compact, IV-V, Z3-9	10	16	△ ☀	196,00	28,00	4,00	3,00
IA 024 ☒	sempervirens 'Snow Cushion', [JEL], 15 cm, snow-white flower corymbs, large and abundant flowering, dwarf and compact cushions, needle-like foliage, evergreen, IV-V, Z3-9 (see also GOLD NUGGET SEED®)	6	8	△ ☀	384,00	48,00	6,00	4,00
IA 027	sempervirens 'Tahoe', [FS], 25 cm, white, early and large flowering, compact and uniform habit, IV-V, Z3-9, approx. 250 seeds = 1g	10	16	△ ☀ ☀	740,00	82,00	9,20	7,60
IA 028	spathulata, 10 cm, lilac-purple, fleshy broad foliage, short-lived, V-VII, Z5-8	5	16	△ ☀	–	64,00	8,20	4,10
<b>ILIAMNA (SPHAERALCEA) (Malvaceae)</b>								
IA 029	remota, 150 cm, pink-purple, abundant flowers, VII-IX, Z4-10	5	9		528,00	66,00	8,20	4,10
IA 030 ☒	rivularis, 120 cm, pink, rich flowering, VI-IX, Z3-8	8	9	Sol	448,00	56,00	7,00	3,50
<b>INCARVILLEA</b> (Bignoniacae)								
IA 040	delavayi [Deli Rose], 50 cm, dark pink, VI-VIII, Z5-8							
IA 042 ☒	delavayi 'Alba' [Snow Top, Deli White], [JEL], 50 cm, pure white with yellow throat, VI-VIII, Z5-8	10	15	△	660,00	78,00	9,60	4,80
IA 041 ☒	delavayi 'Bees Pink', 50 cm, soft pink with yellow throat, VI-VIII, Z5-8							
IA 044 ☒	mairei (grandiflora var. brevipes), 40 cm, dark pink, V-VI, Z3-8	15	15	△	–	96,00	12,00	5,40
IA 046 ☒	olgae, 80 cm, pink, softly veined, single feather leaves, very winterhardy and long lasting, VII-IX, Z5-9	5	15	△	–	–	12,00	6,00
IA 047	zhongdianensis, 40 cm, bright magenta-red with yellow throat, pinnatifid glossy green foliage, VI-VII, Z5-9	5	15	△	–	–	–	9,80
<b>INULA</b> (Asteraceae, Compositae)								
	afghanica - see magnifica							
IA 050	candida ssp. verbascifolia, 20 cm, yellow, felt-like foliage, VI-VIII, Z6-9	2	16	△	–	–	–	8,00
IA 054 ☒	ensifolia 'Compacta', 25 cm, yellow, VI-VIII, Z3-7	2	15	△ ☀	562,00	66,00	7,80	2,60
	helenium - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
IA 066	magnifica, 150 cm, yellow with dark center, VII-VIII, Z3-8	5	16	×	96,00	14,00	2,00	2,00
IA 070	orientalis grandiflora (glandulosa), 50 cm, orange-yellow, VI-VII, Z3-8	3	15	×	320,00	40,00	5,00	2,50
IA 074	racemosa 'Sonnenspeer', [JEL], 200 cm, tall flower-stalks, large yellow blossoms, VI-IX, Z4-9	5	16	Sol	348,00	42,00	5,10	2,55
IA 071 ☒	rhizocephala, 150 cm, yellow ray florets, sessile, clustered in the rosette, VI-VII, Z5-8	1	16	△ ☀	496,00	62,00	7,80	3,90

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>IPOMOEA</b> (Convolvulaceae)								
IA 068 ☒	<b>leptophylla</b> , Bush Morning Glory, 60 cm, pink funnel-shapes flowers, narrow leaves, bushy habit, VII-IX, Z7-11 .....	300	8	△ Sol	176,00	24,00	3,20	9,80
<b>IRIS</b> (Iridaceae)								
IA 078	<b>bucharica (JUNO)</b> , [AGM], 30 cm, standards white, falls yellow, glossy green foliage, III-IV, Z3-9	50	1/10	△	–	36,00	4,00	4,00
IA 080 ☒	<b>bulleyana</b> , 50 cm, standards light blue-violet, falls with yellowish-white and violet veins, V-VI, Z5-9	30	1/10	△	198,00	25,00	3,20	3,20
IA 084	<b>chamaeiris (lutescens)</b> , Dwarf Iris, 20 cm, violet to white, abundant flowers, easily grown, IV-V, Z4-9 .....	50	1/10	△	256,00	32,00	4,00	6,20
IA 088	<b>chrysographes</b> , [AGM], 40 cm, velvet purple-violet, VI, Z4-9 .....	30	1/10	△	–	–	4,00	4,00
IA 096 ☒	<b>foetidissima</b> , [AGM], 60 cm, lilac, in mild positions wintergreen, seed heads with orange berries for flower arrangements, VI, Z6-9 .....	100	1/10	× &	72,00	12,00	2,00	5,60
IA 097	<b>foetidissima var. citrina</b> , 60 cm, yellowish flowers with blue tinge, dark green foliage, orange-red berries, VI-VII, Z6-9 .....	100	1/10	× &	160,00	20,00	2,50	8,80
IA 108 ☒	<b>graminea</b> , [AGM], 40 cm, dense grassy clumps, light violet, fragrant, V-VI, Z5-9 .....	50	1/10	△	98,00	14,00	2,00	4,00
IA 114 ☒	<b>hookeri</b> - see <b>setosa ssp. canadensis</b>							
	<b>kaempferi (ensata)</b> , [AGM], 60 cm, newest hybrids from Japan, flowers up to 20 cm Ø, mixture of magnificent colors, VI-VII, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	50	1/10	***	128,00	16,00	2,00	2,00

continued on the following page



**IBERIS sempervirens 'Snow Cushion'**



**ILIAMNA rivularis**



**INCARVILLEA delavayi 'Alba'**



**INCARVILLEA delavayi 'Bees Pink'**



**INCARVILLEA mairei**



**INCARVILLEA olgae**



**INULA ensifolia 'Compacta'**



**INULA rhizocephala**

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>IRIS continuation</b>								
IA 122	<i>laevigata</i> , (AGM), 80 cm, blue, VII-VIII, Z5-8 . . . . .	30	1/10	❀	–	38,00	5,20	4,20
IA 128	<i>magnifica</i> (JUNO), (AGM), 50 cm, white, light-blue tinted, IV, Z6-9 . . . . .	30	1/10	△ ☐	160,00	20,00	2,50	4,00
IA 142	<i>ochroleuca (orientalis)</i> , (AGM), 70 cm, white with yellow spot, VI-VII, Z5-9 . . . . .	80	1/10	☒	72,00	12,00	2,00	5,60
IA 110	☒ <i>pallida</i> ssp. <i>illyrica</i> , 30 cm, satin blue with yellow beard, V-VI, Z5-9 . . . . .	50	1/10	⊗ \$ △	160,00	20,00	2,50	5,00
IA 144	<i>pseudacorus</i> , Yellow Flag Iris, 100 cm, VI-VII, Z3-9 ( <i>see also Organic-Seeds</i> ) . . . . .	100	1/10	❀ ☒	32,00	8,00	2,00	3,20
IA 148	☒ <i>pumila</i> , wild form, Dwarf Iris, 20 cm, mostly blue, rarely yellow, IV-V, Z4-8 . . . . .	50	1/10	△	192,00	24,00	3,00	4,50
IA 158	☒ <i>setosa</i> , (AGM), 80 cm, purple-violet with dark veins, VI, Z3-8 . . . . .	30	1/10	❀	160,00	22,00	3,00	3,00
IA 160	☒ <i>setosa</i> ssp. <i>canadensis</i> ( <i>arctica</i> , <i>nana</i> , <i>hookeri</i> ), 30 cm, dwarf form, purple, dark veined, VI-VII, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	30	1/10	△	220,00	28,00	3,80	3,80
IA 167	<i>sibirica</i> , wild form, blue, 70 cm, VI-VII, Z3-9 ( <i>see also Organic-Seeds</i> ) . . . . .	30	1/10	❀	96,00	12,00	2,00	2,00
IA 168	<i>sibirica</i> 'New Hybrids', 80 cm, color mix of violet, blue to white, VI-VII, Z3-9 . . . . .	30	1/10	☒	48,00	8,00	2,00	2,00
IA 176	<i>spuria</i> , 60 cm, violet with yellow, VI-VII, Z5-9 . . . . .	100	1/10	☒	66,00	8,60	2,00	2,90
IA 180	<i>spuria</i> 'Hybrids', 125 cm, rich color mix, V-VII, Z5-9 . . . . .	100	1/10	–	32,00	8,00	2,00	2,80
IA 182	<i>tectorum</i> , Roof Iris, 45 cm, lilac-blue, VI-VII, Z4-8 . . . . .	50	8/10	△	160,00	20,00	2,50	5,00
IA 183	<i>tenax</i> , 25 cm, pearl-grey, lavender or purple, rarely yellow, V-VI, Z5-9 . . . . .	30	1/10	△	256,00	32,00	4,00	4,00
IA 184	☒ <i>variegata</i> , (AGM), Hungarian Iris, 30 cm, yellow with purple veins, V-VI, Z4-8 . . . . .	50	1/10	△	–	32,00	4,00	4,00
IA 192	☒ <i>versicolor</i> , (AGM), 100 cm, blue-violet, V-VIII, Z3-8 ( <i>see also Organic-Seeds</i> ) . . . . .	30	1/10	❀ \$	160,00	20,00	2,60	2,60
IA 194	<i>versicolor</i> 'Kermesina', 70 cm, red-purple, VI, Z3-8 . . . . .	30	1/10	❀	224,00	28,00	3,60	3,60
IA 164	<i>virginica</i> var. <i>shrevei</i> , 100 cm, blue with yellow markings, branched flowering stems, V-VI, Z5-9	50	1/10	❀	160,00	20,00	2,50	5,00


**IPOMOEA leptophylla**

**IRIS bulleyana**

**IRIS foetidissima**

**IRIS graminea**

**IRIS kaempferi**

**IRIS pallida ssp. illyrica**

**IRIS setosa ssp. canadensis**

**IRIS pumila**

## Production – Breeding – Seed Technology

				Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>ISATIS</b> (Brassicaceae, <i>Cruciferae</i> )										
IA 302 ☒ <i>glaucia</i> , up to 130 cm, yellow in very large panicles, blue-green leaves, perennial, V-VII, Z6-9, . . . . .	pure seed	3	15	24	256,00		32,00	4,00	2,00	
<i>tinctoria</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>										
<b>ISOPLEXIS</b> (Scrophulariaceae)										
IA 340 ☒ <i>isabelliana</i> , Canary Foxglove, 150 cm, orange-red flower candles, evergreen, small shrub, V-VIII, Z8-10, . . . . .		0,25	16	8, X		-	-	48,00	6,00	
<b>ISOPYRUM</b> (Ranunculaceae)										
IA 350 ☒ <i>thalictroides</i> , 15 cm, white, early withdrawing woodland plant, fern-like foliage, IV-V, Z5-8, . . . . .		10	1/3	X	192,00		24,00	3,00	3,00	
<b>JASIONE</b> (Campanulaceae)										
JA 012 <i>laevis (perennans) 'Blaulicht' [Blue Light, Purple Lights]</i> , 40 cm, blue, VI-VIII, Z4-7, . . . . .		0,25	15	Δ×○⊗	1980,00		238,00	28,00	4,00	
JA 016 <i>montana</i> , 20 cm, blue, VII-VIII, Z5-8, . . . . .		0,5	16	○△⊗	384,00		48,00	6,20	3,10	
JA 018 ☒ <i>montana f. alba 'White Delight'</i> , JEL, White Sheep's Bit, 15 cm, brilliant white, rich flowering, densely mat forming, VII-IX, Z5-8, . . . . .		0,1	16	○△⊗⊗		-	-	48,00	4,20	
<b>JOVELLANA</b> (Scrophulariaceae)										
JA 028 ☒ <i>punctata (CALCEOLARIA)</i> , 120 cm, pale violet umbels, spotted purple, VI-VIII, Z8-11, . . . . .		0,25	9	Δ⊗		-	-	42,00	4,00	
<b>JOVIBARBA</b> (Crassulaceae)										
JA 034 <i>heuffelii (SEMPERVIVUM)</i> , 12 cm, light yellow, large rosettes, dark green, VIII, Z4-8, . . . . .		0,5	16	△		-	-	48,00	5,00	
<b>JUNO</b> - see <b>IRIS</b>										
<b>JURINEA</b> (Asteraceae, <i>Compositae</i> )										
JA 049 <i>ledebourii</i> , 45 cm, red-purple, feathered foliage, V-VII, Z5-8, . . . . .		10	16	△⊗	180,00		22,00	2,80	2,80	
JA 050 <i>mollis</i> , 50 cm, purple-red, VI-VII, Z5-8, . . . . .		12	16	⊗		-	-	7,60	3,80	
<b>KALIMERIS</b> (Asteraceae, <i>Compositae</i> )										
KA 003 <i>incisa</i> , 60 cm, pale purple ray florets, upright habit, stable, VII-IX, Z4-8, . . . . .		5	16	△⊗	464,00		58,00	7,20	3,60	
<b>KENTRANTHUS</b> - see <b>CENTRANTHUS</b>										
<b>KIRENGESHOMA</b> (Hydrangeaceae)										
KA 011 <i>koreana (palmata Koreana-Group)</i> , 120 cm, yellow, wide open bellflower, VIII-X, Z5-8, . . . . .		3	16	⊗		-	256,00	32,00	8,00	
KA 010 ☒ <i>palmata</i> , AGM, 80 cm, yellow bells, semi-shade, VIII-X, Z5-8, . . . . .		3	16	⊗	1540,00		192,00	24,00	8,00	



IRIS setosa



IRIS variegata



ISATIS glauca



ISOPLEXIS isabelliana



ISOPYRUM thalictroides



JASIONE montana f. alba 'White Delight'



JOVELLANA punctata



KIRENGESHOMA palmata

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>KITAIBELIA</b> (Malvaceae)									
KA 020		<b>vitifolia</b> , 150 cm, white mallow blossoms, VII-X, Z5-8 . . . . .	10	8	Sol	98,00	14,00	2,00	2,00
<b>KNAUTIA</b> (Dipsacaceae)									
KA 030		<b>arvensis</b> , 50 cm, violet-blue, V-VIII, Z4-10 ( <i>see also Organic-Seeds</i> ) . . . . .	20	16		128,00	16,00	2,00	2,00
KA 034		<b>macedonica</b> [ <i>Red Knight, Red Cherries</i> ], 80 cm, red-dark red, rarely pink, VII-VIII, Z5-10 . . . . .	15	16		360,00	48,00	6,00	4,50
KA 036		<b>macedonica 'Mars Midget'</b> , , 40 cm, ruby-red flower heads, very abundant flowering from early summer to late fall, compact and dwarf habit, VI-X, Z5-10 . . . . .	15	16		720,00	96,00	12,00	9,00
KA 035		<b>macedonica 'Melton Pastels'</b> [ <i>Watercolours</i> ], 120 cm, pink, wine-red, salmon and light blue pastel colours, VI-IX, Z5-10 . . . . .	20	16		256,00	32,00	4,20	4,20
NEW! KA 032		<b>macedonica 'Midget Mauves'</b> , , 40 cm, mauve-purple, branched stems, uncountable flowerheads, stable upright, vigorous rosettes, compact habit, first year flowering, VI-X, Z5-10. . . . .	15	16		720,00	96,00	12,00	9,00
<b>KNIPHOFIA (TRITOMA) (Asphodelaceae, Liliaceae)</b>									
KA 037		<b>caulescens</b> ,  , Regal Torch Lilly, 100 cm, coral red with yellow, dense flower panicles on thick stems, Yucca like clumps with striking blue green foliage, VII-IX, Z5-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	9	Sol	320,00	40,00	5,00	3,80
KA 038		<b>critrina</b> , 75 cm, light yellow to yellow-orange, VI-IX, Z6-9 . . . . .	5	15		280,00	40,00	5,00	3,80


**KITAIBELIA vitifolia**

**KNAUTIA macedonica 'Midget Mauves'**

**KNAUTIA macedonica 'Mars Midget'**

**KNIPHOFIA caulescens**

**KNIPHOFIA galpinii**

**KNIPHOFIA hirsuta 'Fire Dance'**

**KNIPHOFIA rooperi**

**LASER trilobum**

**LASERPITIUM siler**



LATHYRUS rotundifolius



LATHYRUS vernus



LATHYRUS vernus 'Rainbow'



LATHYRUS vernus 'Rosenelfe'

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>KNIPHOFIA continuation</b>								
KA 040	galpinii, Dwarf Red Hot Poker, 50 cm, orange-yellow, red buds, grass-like foliage clumps, graceful habit, VII-XI, Z6-9	5	16	△ ✕	560,00	82,00	12,00	7,20
KA 041	hirsuta 'Fire Dance' [Traffic Lights], 50 cm, coral red, turning yellow, dense spikes, compact habit, narrow rough foliage, dense clumps, best winterhardy cultivar, VI-IX, Z4-9 (see also GOLD NUGGET SEED®)	5	9	△ ✕ ⚡	320,00	40,00	5,00	3,80
KA 043	rooperi, 120 cm, orange-yellow to red, very large blossom spikes, VII-X, Z7-10, (see also GOLD NUGGET SEED®)	10	9	Sol ✕	320,00	40,00	5,00	3,80
KA 042	triangularis, Mandarin Poker, 60 cm, yellow-orange to orange-red flower clusters, graceful habit with long and narrow leaves, rich flowering until first frost, VII-XI, Z4-9	5	16	△ ✕	320,00	40,00	5,00	3,80
KA 050	uvaria hybr. 'Flamenco', 80 cm, fiery colour mixture of yellow shades to orange to flaming red, flowers the first year, if sown in January, VII-IX, Z5-9	5	15	✖ ⚡	620,00	74,00	9,00	7,00
KA 052	uvaria (praecox) 'Grandiflora Mixture' [Royal Castle Hybrids, Pfitzer Mix], 80 cm, red, orange and yellow colors, VIII-IX, Z5-9	5	15	✖	144,00	20,00	2,80	2,00
<b>KOSTELETZKYA (Malvaceae)</b>								
KA 100	virginica, Seashore Mallow, 100 cm, pink mallow-like flowers, VII-X, Z6-9	50	20	❀ Sol	160,00	20,00	2,50	5,00
<b>LAMIRA - see CIRSIUM</b>								
<b>LAMIUM (Lamiaceae, Labiateae)</b>								
NEW! LA 014	maculatum, Spotted Dead Nettle, 30 cm, red-violet, leaves often silver striped, IV-VIII, Z3-9	5	8	VV ✫	–	–	7,20	2,40
LA 012	purpureum, 30 cm, purple-violet, ☺-☺, III-X, Z3-9	3	1	VV ✫	144,00	18,00	2,40	2,00
<b>LAMPROCAPNOS spectabilis - see DICENTRA spectabilis</b>								
<b>LASER (Apiaceae, Umbelliferae)</b>								
LA 017	trilobum, Horse Caraway, 100 cm, white, loose umbels, pinnatifid foliage, V-VI, Z4-7	30	1	✖	112,00	16,00	2,20	2,20
<b>LASERPITIUM (Apiaceae, Umbelliferae)</b>								
LA 020	gallicum, 80 cm, white umbels, shiny leaves for cutting, VI-VII, Z4-7	30	1	✖	144,00	18,00	2,40	2,00
LA 022	halleri, 60 cm, white, grey-green, VI-VIII, Z4-7	15	1	✖	240,00	30,00	3,80	2,40
LA 021	siler, 80 cm, white-pink, flowers and leaves for cutting, VI-VII, Z4-7	30	1	✖	144,00	18,00	2,40	2,00
<b>LATHYRUS (Papilionaceae, Leguminosae)</b>								
LA 026	aureus, 50 cm, yellow-orange, feathered foliage, VI-VII, Z5-8	60	8/10	✖	144,00	18,00	2,20	3,60
LA 042	latifolius 'Pink Pearl', (AGM), 120 cm, pink, VII-VIII, Z4-9 (see also GOLD NUGGET SEED®)	100	7/10	✖ ✤ ⚡	48,00	6,00	2,00	3,00
LA 044	latifolius 'Red Pearl', 120 cm, red, VII-VIII, Z4-9 (see also GOLD NUGGET SEED®)	100	7/10	✖ ✤ ⚡	48,00	6,00	2,00	3,00
LA 046	latifolius 'White Pearl', (AGM), 120 cm, white, VII-VIII, Z4-9 (see also GOLD NUGGET SEED®)							
LA 048	latifolius Mixture [Perlenmischung, Pearl Mix], 120 cm, VII-VIII, Z4-9	100	7/10	✖ ✤ ⚡	40,00	6,00	2,00	3,00
LA 053	maritimus, Beach Pea, 40 cm, blue-violet with light lip, blue-green foliage, VI-VIII, Z6-9	80	9	VV ✫	96,00	12,00	2,00	4,00
LA 056	niger, 50 cm, deep dark purple, VI-VII, Z5-8	60	8/10	VV ✫	128,00	16,00	2,00	4,00
LA 064	rotundifolius, (AGM), Persian Everlasting Pea, 100 cm, deep-pink, VI-VIII, Z5-9	80	8/10	✖ ✤ ⚡	192,00	24,00	3,00	6,00
LA 058	vernus, (AGM), 25 cm, carmine-red-violet, IV-V, Z3-7 (see also GOLD NUGGET SEED®)	50	9/10	△	–	36,00	5,20	4,90
LA 062	vernus 'Rainbow', (AGM), 25 cm, carmine-red, rose, light pink, lilac and white flowers, magnificent mix, IV-V, Z3-7	50	9/10	△	–	36,00	5,20	4,90
LA 060	vernus 'Rosenelfe', 25 cm, light pink, IV-V, Z3-7	50	9/10	△	–	48,00	6,80	4,90
<b>LAVANDULA (Lamiaceae, Labiateae)</b>								
LA 071	angustifolia 'Ellagance-Series', 35 cm, compact and bushy habit, flowering reliable the first year after sowing, VII-IX, Z5-9	2	15	△ ☺ ☺ ☺	–	252,00	28,00	7,20
LA 077	'Ellagance Pink', pink	2	15	△ ☺ ☺ ☺	–	252,00	28,00	7,20
LA 075	'Ellagance Purple', (FS), blue-purple							
LA 079	'Ellagance Sky', (FS), blue-violet							
	'Ellagance Snow', pure white							
<b>angustifolia (officinalis) - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
LA 074	angustifolia Hidcote Blue-Strain, 40 cm, deep blue, white grey foliage, VII-IX, Z5-9 (see also GOLD NUGGET SEED®)	5	9	✖ △	256,00	32,00	4,00	2,00

continued on the following page

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>LAVANDULA continuation</b>								
LA 076	angustifolia 'Hidcote Superior',  , 40 cm, deep violet-blue, white-grey foliage, compact, best 'Hidcote-Blue' with even and constant quality, VII-IX, Z5-9 <i>(see also GOLD NUGGET SEED®)</i>	5	9	  	384,00	48,00	6,00	3,00
LA 078	angustifolia Munstead-Strain, Lavender, 40 cm, blue, VII-X, Z5-9 <i>(see also GOLD NUGGET SEED® + Organic-Seeds)</i>	5	9		192,00	24,00	3,00	2,00
LA 080	angustifolia 'Rosea' [Pink Perfume], 35 cm, light pink, VI-IX, Z5-9 <i>(see also GOLD NUGGET SEED®)</i>	5	9		512,00	64,00	8,00	4,00
LA 083	dentata, French Lavender, 80 cm, blue flowers and bracts, lanceolate glossy foliage, VI-IX, Z8-10	2	16	  	–	132,00	16,00	4,80
LA 081	hybrida 'Lady',  , 30 cm, blue, blooms just four months after sowing, recommended as bedding, border and balcony perennial, long flowering, VI-X, Z7-9	3	15	  	882,00	98,00	12,00	6,00
LA 086	latifolia - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed stoechas,  , 60 cm, dark purple, short stalks, grey-green leaves, VI-X, Z7-9 <i>(see also GOLD NUGGET SEED®)</i>	5	9	  	576,00	72,00	9,00	4,50
LA 087	stoechas 'Bandera Purple',  , 20 cm, dark purple flowers with large purple bracts, rich flowering, densely mounded, compact habit, first year flowering, best for container production, VI-X, Z7-10	2	16	  	–	–	78,00	8,80
LA 084	stoechas 'Castilliano Violet™', 30 cm, blue violet flowers and bracts, compact stable flower stalks, branched habit, silver leaves, first year flowering, VI-X, Z7-9 vera - see angustifolia	3	16	  	2260,00	252,00	28,00	6,20
<b>LAVATERA (Malvaceae)</b>								
LA 085	arborea, Tree Mallow, 250 cm, red-purple with dark veins, fast growing, mostly biennial, VI-IX, Z7-11	30	8	 	80,00	10,00	2,00	3,00
LA 089	cachemiriana, 160 cm, soft pink with white eye, very nice Mallow, VI-VIII, Z6-10 <i>(see also GOLD NUGGET SEED®)</i>	10	8	Sol	256,00	32,00	4,00	4,00
LA 090	thuringiaca, 150 cm, light pink mallow blossoms, VII-IX, Z6-10 <i>(see also GOLD NUGGET SEED®)</i>	10	9		168,00	21,00	2,60	2,60
<b>LEIBNITZIA (Asteraceae, Compositae)</b>								
LA 094	nivea (GERBERA nivea), 20 cm, creamy-white, dark green, lobed foliage, grey underneath, V-VI, Z6-9	5	15		480,00	60,00	7,50	3,75
<b>LEONOTIS (Lamiaceae, Labiateae)</b>								
LA 620	nepetifolia (leonurus-hort.) 'Staircase', Lion's Ear, 160 cm, orange-red, IX-XI, Z8-10	8	9	Sol 	–	–	16,00	4,90
<b>LEONTOPodium (Asteraceae, Compositae)</b>								
LA 100	alpinum, Edelweiss, 15 cm, white felt-like, VII-IX, Z4-7	1	4/15	 	640,00	86,00	12,00	3,80
LA 108	 , souliei, 10 cm, white felt-like, small flowers, carpet forming, VI-VII, Z4-7	0,25	4/15	 	996,00	126,00	16,00	4,00



LAVANDULA angustifolia 'Hidcote Superior'



LAVANDULA stoechas 'Castilliano Violet'™



LAVANDULA angustifolia 'Rosea'



LAVANDULA stoechas 'Bandera Purple'

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>LEONURUS</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>LEPIDIUM sativum</b> - see Organic Seed								
<b>LEPTANDRA virginica</b> - see <b>VERONICASTRUM virginicum</b>								
<b>LEUCANTHEMELLA</b> (Asteraceae, <i>Compositae</i> )								
CA 478 ☼ <b>serotina</b> ( <b>CHRYSANTHEMUM</b> ), (AGM), Autumn Oxeye, 150 cm, white with yellow disk, several flowers per stem, valuable late flowering border plant, IX-X, Z6-9 . . . . .	2	16	×		196,00	28,00	4,00	2,00
<b>LEUCANTHEMOPSIS</b> (Asteraceae, <i>Compositae</i> )								
CA 380 <b>alpina</b> ( <b>CHRYSANTHEMUM</b> ), 10 cm, mostly white, VI-VII, Z5-7 . . . . .	2	9	△ Ca	-	-	38,00	5,40	
<b>LEUCANTHEMUM</b> (Asteraceae, <i>Compositae</i> )								
LB 720 <b>graminifolium</b> , 30 cm, white, very narrow foliage, V-VII, Z6-9 . . . . .	2	15	×		184,00	23,00	2,90	2,00
maximum hort. - see <b>x superbum</b>								
CA 424 <b>vulgare</b> ( <b>CHRYSANTHEMUM leucanthemum, ircutianum</b> ), Ox-eye Daisy, 60 cm, pure white with yellow disc, V-IX, Z2-8 ( <i>see also Organic-Seeds</i> ) . . . . .	3	15	\$ × ⓘ	50,00	10,00	2,00	2,00	
CA 426 <b>vulgare</b> 'Filigran', (EL), 60 cm, pure white with yellow disc, abundant flowering, filigreed featherly dark green foliage, Z2-8 . . . . .	3	15	×	128,00	16,00	2,00	2,00	
CA 428 <b>vulgare</b> 'Maikönigin' [ <i>May Queen</i> ], 70 cm, pure white, early spring daisy, VI-IX, Z2-8 . . . . .	3	15	×	74,00	12,00	2,00	2,00	
CA 436 <b>x superbum</b> 'Alaska' [ <i>Antwerp Star</i> ], 100 cm, radiant white, large blossoms, VI-VIII, Z3-7 . . . . .	5	15	×	74,00	12,00	2,00	2,00	
CA 438 ☼ <b>x superbum</b> 'Brightside', (EL), 80 cm, brilliant white with yellow disk, strong and healthy foliage, especially vigorous and stable, related with the award winning cultivar 'Becky', VI-VIII, Z3-7 . . . . .	3	15	×	196,00	28,00	4,00	2,00	
CA 441 <b>x superbum</b> 'Exhibition', 80 cm, white, mostly semi-double flowers, VI-VIII, Z3-7 . . . . .	5	15	×	96,00	12,00	2,00	2,00	
CA 444 <b>x superbum</b> 'Polaris', 120 cm, snow-white, large blossoms, VI-VII, Z3-7 . . . . .	5	15	×	322,00	40,00	5,20	3,60	
CA 464 <b>x superbum</b> fl. pl. 'Snowdrift' [ <i>Crazy Daisy</i> ], (EL), 70 cm, double and semi-double flowers, pure white, VI-VIII, Z3-7 . . . . .	4	15	×	322,00	40,00	5,20	3,60	
CA 456 <b>x superbum</b> Nanus 'Dwarf Snow Lady', (AS), F <sub>1</sub> -Hybrid, 20 cm, pure white, large flowers, blooms in the first year, splendid variety, VI-VIII, Z3-7 . . . . .	3	15	△	-	378,00	42,00	9,80	
CA 460 <b>x superbum</b> Nanus 'Silberprinzeßchen' [ <i>Silver Princess</i> ], 30 cm, pure white, compact bushes, VI-VIII, Z3-7 . . . . .	5	15	△	144,00	18,00	2,40	2,00	
CA 450 <b>x superbum</b> 'Starburst', 80 cm, brilliant white, very large flowering, stable, strong stems, vigorous, VI-VIII, Z3-7 . . . . .	5	15	×	96,00	12,00	2,00	2,00	
<b>LEUCOGENES</b> (Asteraceae, <i>Compositae</i> )								
LA 600 ☼ <b>grandiceps</b> , 10 cm, white felt-like Edelweiss flowers, compact white felt-like cushions, VI-VII, Z7-10 . . . . .	0,25	8	△ ↗	-	-	140,00	7,80	
<b>LEUCOJUM</b> (Amaryllidaceae)								
LA 116 ☼ <b>vernus</b> , (AGM), Snowflake, 25 cm, white nodding bell flowers, III-IV, Z3-9 . . . . .	20	1	△ ✕	320,00	42,00	5,20	2,60	
<b>LEUCOSCEPTRUM</b> (Asteraceae, <i>Compositae</i> )								
LA 610 ☼ <b>japonicum f. aureum</b> [ <i>Golden Angel</i> ], Japanese Shrub Mint, 50 cm, white spikes, vigorous golden green foliage, precious ornamental foliage plant, VII-IX, Z4-8 . . . . .	2	16	✿	-	-	-	7,20	
<b>LEUZEA</b> (Asteraceae, <i>Compositae</i> )								
LA 120 <b>rhapontica</b> ( <b>STEMMACANTHA</b> ), 160 cm, lilac pink, VII-VIII, Z5-8 . . . . .	80	16	×	192,00	24,00	3,00	6,00	
<b>LEVISTICUM officinale</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>LEWISIA</b> (Portulacaceae)								
LA 117 <b>brachycalyx</b> , (AGM), 10 cm, mostly white, rarely pink, very large flowering, V-VI, Z4-8 . . . . .	1	1	△	-	256,00	32,00	6,00	
LA 121 <b>columbiana</b> , 25 cm, white to dark pink blossom panicles, V-VII, Z4-8 . . . . .	0,5	1	△	-	324,00	36,00	8,00	
LA 119 ☼ <b>Cotyledon-Hybr.</b> 'Elise Mix', (FS), 20 cm, rich mixture of striking colours, flowers reliable the first year after sowing, perfect for container production, tolerant against heat, V-IX, Z3-8 . . . . .	2	9	△ ✨ ⓘ	-	1480,00	158,00	9,80	
LA 155 <b>Cotyledon-Hybr.</b> 'Elise Ruby Red', (FS), 20 cm, magenta colors, flowers reliable the first year after sowing, perfect for container production, tolerant against heat, V-IX, Z3-8 . . . . .	2	9	△ ✨ ⓘ	-	-	198,00	9,80	
LA 157 <b>Cotyledon-Hybr.</b> 'Elise White', (FS), 20 cm, pure white, flowers reliable the first year after sowing, perfect for container production, tolerant against heat, V-IX, Z3-8 . . . . .	2	9	△ ✨ ⓘ	-	-	198,00	9,80	
LA 122 <b>Cotyledon-Hybr.</b> 'Mixture' [ <i>Galaxy Mix</i> ], 25 cm, profusion mixture, wonderful color-shades, IV-VI, Z5-8 . . . . .	2	1	△ ✨	1150,00	144,00	18,00	4,00	

*continued on the following page*

**LEONTOPODIUM souliei**

**LEUCANTHEMELLA serotina**

**LEUCANTHEMUM x superbum 'Brightside'**

**LEUCOGENES grandiceps**



LEUCOJUM vernum



LEUCOSCEPTRUM japonicum f. aureum



LEWISIA Longipetala-Hybr. 'Little Mango'



LEWISIA Cotyledon-Hybr. 'Elise Mix'



LEWISIA Cotyledon-Hybr. 'Regenbogen'



LEWISIA Longipetala-Hybr. 'Little Peach'



LEWISIA Longipetala-Hybr. 'Little Plum'

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>LEWISIA continuation</b>									
LA 124	Cotyledon-Hybr. 'Regenbogen' [Rainbow],	25 cm, mixture of many newly bred colors and forms, round flowers also semi-double, from white and yellow to pink, red-orange to blue-red. The best existing cotyledon hybrids today! IV-VI, Z5-8 <i>(see also GOLD NUGGET SEED®)</i>	2	1	△	2980,00	360,00	42,00	7,20
LA 131	Cotyledon-Hybr. 'Sunset-Strain',	25 cm, mixture of pure colors from red, pink to orange and yellow, V-VI, Z5-8 <i>(see also GOLD NUGGET SEED®)</i>	2	1	△	1920,00	240,00	30,00	5,00
LA 118	cotyledon 'Bridal Bouquet', 10 cm, mixed colors, red, pink and orange shades, upright flower stems, abundant flowering, dwarf and compact habit, best for potplant production, IV-VI, Z5-8	2	1	△	—	—	64,00	8,00	
LA 123	cotyledon 'Praline',	25 cm, semi-double flowers, wonderful color-shades, V-VI, Z5-8	2	1	△	—	—	64,00	9,00
LA 130	cotyledon 'Heckneri-Strain', 25 cm, mostly pink striped blossoms, V-VI, Z5-8	2	1	△	—	—	36,00	6,00	
LA 125	cotyledon 'Alba', 25 cm, pure white, V-VI, Z5-8	2	1	△	—	—	288,00	36,00	
LA 132	cotyledon 'Yellow', 25 cm, V-VI, Z5-8	2	1	△	—	384,00	48,00	8,00	
LA 127	cotyledon 'Pink-Orange', 25 cm, V-VI, Z5-8								
LA 128	cotyledon 'Red-Purple', 25 cm, V-VI, Z5-8								
<b>Longipetala-Hybr. Little-Series</b> , 15 cm, large flowering, short upright stems, lanceolate leaves, strong rosettes, V-VI, reblooms in the fall, easy in the garden, Z4-8 <i>(see also GOLD NUGGET SEED®)</i>									
LA 145	'Little Mango',	dark intense yellow-orange	2	1	△	410,00	48,00	7,80	
LA 140	'Little Peach',	soft yellow-orange with pink touch							
LA 135	'Little Plum',	intense rose-purple, at first with a touch of orange							
LA 147	'Little Raspberry',	intense raspberry red							
LA 148	'Little Snowberry',	white with pink stamens							
LA 149	'Little Tutti Frutti',	balanced mixture of brilliant new colors: yellow-orange, red-purple, pink-white	2	1	△	1536,00	192,00	4,00	
LA 134	nevadensis, 5 cm, white, dormant after blooming, IV-VI, Z4-8								
LA 136	pygmaea, 15 cm, pink-rosy-red, V-VI, Z3-8								
LA 137	rediviva, 10 cm, rosy-red, VI-VII, Z4-8								
LA 141	tweedyi, 8 cm, soft pink with cream-yellow touch, large flowers, forms rosettes, V-VI, Z4-8...								
LA 143	tweedyi 'Alba', 8 cm, pure white, large flowering, broad-leaved rosettes, V-VI, Z4-8...	2	1	△	—	220,00	28,00	4,80	
LA 142	tweedyi 'Lovedream',	8 cm, soft pink, cream yellow, orange and ivory colours, large blossoms, V-VI, Z4-8...	2	1	△	—	—	9,80	
LEYCESTERIA (Caprifoliaceae)									
LA 154	formosa,	180 cm, white, purple-violet bracts, VIII-IX, Z6-9	3	16	Sol	400,00	50,00	6,20	3,10

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>LIATRIS (Asteraceae, Compositae)</b>								
LA 160	<i>aspera</i> , 90 cm, pink, loose panicles, VII-X, Z3-8 . . . . .	15	16	×	–	74,00	9,20	4,60
LA 164	<i>cylindracea</i> , 40 cm, purple, loose spikes, VIII-IX, Z4-8 . . . . .	5	16	×	–	74,00	9,20	4,60
LA 165	<i>elegans</i> , 60 cm, long light purple spikes, VII-IX, Z6-8 . . . . .	10	16	×	–	74,00	9,20	4,60
LA 166	<i>ligulistylis</i> , 90 cm, purple-blue, VII-IX, Z3-8 . . . . .	10	16	×	–	74,00	9,20	4,60
LA 173	<i>microcephala</i> , 40 cm, purple-pink, graceful spikes, VII-IX, Z4-8 . . . . .	3	16	△ ×	–	–	24,00	4,50
LA 167	<i>punctata</i> , 50 cm, purple, dense flower panicles, VIII-IX, Z3-8 . . . . .	10	16	△ ×	–	74,00	9,20	4,60
LA 168	<i>pycnostachya</i> , 160 cm, light purple, dense blossom heads, VII-IX, Z3-8 . . . . .	10	16	×	240,00	30,00	4,20	3,00
LA 170	<i>scariosa</i> [ <i>September Glory</i> ], 120 cm, red-purple, large single flowers on sturdy stems, VII-X, Z3-8 . . . . .	8	16	×	–	74,00	9,20	4,60
LA 169	<i>scariosa</i> [ <i>White Spires</i> ], 90 cm, large white flowers, VII-IX, Z3-8 . . . . .	8	16	×	–	74,00	9,20	4,60
LA 172	<i>spicata</i> , 100 cm, lilac-rose, VII-IX, Z3-8 . . . . .	10	16	× \$	96,00	12,00	2,00	2,00
LA 180	<i>spicata</i> [ <i>Floristan Violet</i> ], 90 cm, violet, long stems, VII-IX, Z3-8 . . . . .	10	16	× *	270,00	32,00	4,20	3,00
LA 184	<i>spicata</i> [ <i>Floristan White</i> ], 90 cm, white, excellent cut flower, VII-IX, Z3-8 . . . . .	10	16	× *	270,00	32,00	4,20	3,00
LA 188	<i>spicata</i> [ <i>Kobold Strain</i> ] [ <i>Goblin</i> ], 50 cm, lilac-rose, compact, variable, VII-IX, Z3-8 . . . . .	10	16	⊗ *	205,00	26,00	3,20	3,20



LEWISIA Longipetala-Hybr. 'Little Raspberry'



LEWISIA Long.-Hybr. 'Little Snowberry'



LEWISIA Long.-Hybr. 'Little Tutti Frutti'



LEWISIA tweedyi 'Alba'



LIATRIS microcephala

LEWISIA tweedyi



LIATRIS scariosa



LIATRIS scariosa 'Alba'



LIATRIS spicata 'Floristan White'



LIATRIS spicata 'Kobold Strain'

		Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>LIBERTIA</b> (Iridaceae)									
LA 177	<i>formosa</i> , 40 cm, white to cream coloured flower spikes, IV-V, Z7-10 . . . . .	5	8	⌚	440,00	56,00	7,00	3,50	
LA 178	<i>grandiflora</i> ,  60 cm, white flower umbels, V-IX, Z7-10 . . . . .	5	20	⌚	338,00	42,00	5,00	2,50	
LA 194	<i>ixioides</i> , 50 cm, white umbels, green foliage with light band, V-IX, Z7-10. . . . .	5	8	⌚	369,00	46,00	6,20	3,10	
LA 196	<i>peregrinans</i> [ <b>Gold Stripe</b> ], 40 cm, white umbels, light green foliage with striking orange colored band, creeping habit, V-IX, Z7-10 . . . . .	2	8	🍁 ↗⌚	–	120,00	15,00	5,00	
<b>LIGULARIA</b> (Asteraceae, <i>Compositae</i> )									
LA 198	<i>altaica</i> , 100 cm, yellow blossom spikes, elliptical blue-green foliage, dies back early, VII-VIII, Z4-8 . . . . .	15	8	△	576,00	72,00	9,00	6,00	
	<i>clivorum</i> - see <i>dentata</i>								
LA 200	<i>dentata</i> ( <i>clivorum</i> ) [ <b>Orange Queen</b> ], 100 cm, orange-yellow, green foliage, VII-IX, Z3-8. . . . .	30	16		192,00	26,00	3,60	3,60	
LA 202	<i>dentata</i> 'Midnight Lady',  100 cm, golden rayflowers, dark sturdy stems, compact purple-bronze foliage, stays colored during summer, nearly black-purple in spring, VII-IX, Z3-8 . . . . .	30	16	🍁 ✖	288,00	36,00	4,60	4,60	
LA 212	<i>przewalskii</i> ,  80 cm, yellow blossom racemes, VII-IX, Z4-8 . . . . .	5	16		960,00	120,00	15,00	9,80	
LA 214	<i>sibirica</i> , 140 cm, yellow blossom racemes, VII-VIII, Z3-8 . . . . .	10	8		360,00	45,00	6,00	4,50	
LA 216	<i>Stenocephala</i> -Hybr., 120 cm, yellow blossom spikes, red-brown stems, VII-VIII, Z4-8 . . . . .	7	16		576,00	72,00	8,00	6,00	
<b>LIGUSTICUM</b> (Apiaceae, <i>Umbelliferae</i> )									
LA 228	<i>lucidum</i> , 120 cm, white umbels, fine feathered foliage, perennial, V-VII, Z5-8 . . . . .	10	8	△ ✖	–	48,00	6,00	6,00	
LA 227	<i>scoticum</i> [ <b>ANGELICA 'Summer Delight'</b> ], Scots Lovage, 50 cm, brilliant white umbels, purple colored stems, glossy, dark green, attractive foliage, golden fall color, perennial, VI-VIII, Z3-8 . . . . .	10	8	🍁 ✖△‡	–	78,00	9,80	7,20	
<b>LILIUM</b> (Liliaceae)									
LA 229	<i>bulbiferum</i> ssp. <i>croceum</i> , Fire Lily, 60 cm, fiery, yellow-orange, VI, Z6-9 . . . . .	15	8	△ ✖	–	–	6,20	6,20	
LA 235	<i>formosanum</i> var. <i>pricei</i> , 30 cm, large white trumpet shaped blossoms, reddish-purple exterior, good hardy form, often flowering the first year from seed, VIII-IX, Z5-9 . . . . .	5	16	△ ✖	768,00	96,00	12,00	6,00	
	<i>giganteum</i> - see <i>CARDIOCRINUM giganteum</i>								
LA 223	<i>kesselringianum</i> , 120 cm, pale yellow bell flowers, fragrant, VII-VIII, Z6-9 . . . . .	30	16	✖	360,00	52,00	7,20	7,20	
LA 243	<i>mackliniae</i> , <b>Naga form</b> ,  Manipur Lily, 80 cm, deep rose, large flowers, VII-VIII, Z6-9 . . . . .	10	16	△ ✖	–	72,00	9,20	7,80	
LA 234	<i>martagon</i> ,  100 cm, light red, brown spotted and white, VI-VII, Z3-8 . . . . .	15	8	✖	204,00	25,00	3,20	3,20	
LA 236	<i>martagon</i> var. <i>album</i> ,  100 cm, pure white, VI-VIII, Z3-8 . . . . .	15	9	✖	–	–	6,20	3,20	
LA 238	<i>Martagon</i> -Hybr. 'Painted Ladies',  60 cm, beautiful color range with yellow, apricot colored, pink, wine-red, orange and white flowers, mostly purple spotted, VI-VIII, Z3-8 . . . . .	15	8	✖	560,00	70,00	9,00	7,20	
LA 242	<i>nepalense</i> , 50 cm, greenish-yellow with purple throat, very large flowering, lanceolate foliage, VII-VIII, Z6-10 . . . . .	10	9	➡✖	–	58,00	8,00	4,00	
LA 241	<i>philippinense</i> , 80 cm, white, long funnel-shaped trumpet flowers, fast growing, VII-VIII, Z8-10 . . . . .	3	9	✖⌚	448,00	56,00	7,20	3,60	
LA 231	<i>pyrenaicum</i> ssp. <i>carniolicum</i> var. <i>bosniacum</i> , 80 cm, pure yellow blossoms, narrow foliage, V-VII, Z5-9 . . . . .	15	8	△ ✖	380,00	48,00	6,20	6,20	
LA 246	<i>szovitsianum</i> , Caucasus-Lily, 120 cm, yellow bell flowers, fragrant, lanceolate foliage, VI-VII, Z4-8 . . . . .	30	8	✖	320,00	44,00	5,60	5,60	
<b>LIMONIUM</b> (Plumbaginaceae)									
LA 256	<i>bellidifolium</i> , 25 cm, light-violet, VIII-X, Z6-9, . . . . .	pure seed	1	15	✖△ ⚡	–	–	48,00	6,00
	<i>collinum</i> - see <i>GONIOLIMON collinum</i>								
LA 260	<i>gmelinii</i> ssp. <i>hungaricum</i> , 50 cm, bright lilac-blue, VII-VIII, Z3-8, . . . . .	pure seed	2	16	✖	294,00	38,00	5,00	2,50
LA 261	<i>gougetianum</i> , 20 cm, lavender-blue, VII-IX, Z7-10, . . . . .	pure seed	0,5	15	△ ⚡	–	–	68,00	8,20
LA 264	<i>latifolium</i> ( <i>platyphyllum</i> ), 50 cm, blue, V-VII, Z4-8, . . . . .	pure seed	2	15	✖	680,00	82,00	9,80	4,60
LA 268	<i>perezii</i> [ <b>Atlantis, Blue Smoke</b> ], 125 cm, wonderful blue, only winter hardy in mild climates, otherwise protection needed, VIII-X, Z7-11, . . . . .	pure seed	2	15	✖^	–	–	24,00	5,20
LA 272	<i>species</i> 'Blue Diamond',  25 cm, bright blue, VI-VIII, Z4-8, . . . . .	pure seed	1	15	△ ⚡	–	–	48,00	6,00
	<i>speciosum</i> - see <i>GONIOLIMON speciosum</i>								
	<i>tataricum</i> - see <i>GONIOLIMON tataricum</i>								
LA 275	<i>vulgare</i> , Sea Lavender, 30 cm, blue-violet flower spikes, salt tolerant, VII-IX, Z5-8, . . . . .	pure seed	3	9	✖	560,00	70,00	9,00	4,50
<b>LINANTHUS</b> (Polemoniaceae)									
LA 278	<i>nuttallii</i> , 15 cm, white with yellow eye, fine foliage, perennial, V-VII, Z6-9 . . . . .	2	8	△	–	–	–	5,00	



*LIBERTIA peregrinans*



*LIGULARIA przewalskii*



*LIGULARIA dentata 'Midnight Lady'*



*LILIUUM formosanum var. pricei*



*LILIUUM kesselringianum*



*LILIUUM Martagon-Hybr. 'Painted Ladies'*



*LILIUUM mackliniae, Naga form*



*LILIUUM nepalense*



*LILIUUM szovitsianum*



*LIMONIUM vulgare*



**LINARIA aeruginea 'Neon Lights'**



**LINUM flavum 'Compactum'**



**LINUM hypericifolium**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>LINARIA</b> (Scrophulariaceae)									
LA 290	aeruginea 'Neon Lights',	20 cm, brilliant colors, mostly bicolored, pink with purple, violet with purple, yellow with orange, white with red, bluish green foliage, flowering the first year after sowing, V-VIII, Z5-9 . . . . .	1	16	△ ☀ ⚡	600,00	76,00	9,60	3,20
LA 280	alpina, 5 cm, light violet, VI-VIII, Z3-8 . . . . .	1	15	⊗ △ ↗	–	162,00	18,00	4,00	
	cymbalaria - see <b>CYMBALARIA muralis</b>								
LA 288	genistifolia ssp. dalmatica, 100 cm, golden, large flowering, VII-IX, Z4-8 . . . . .	1	1	×	384,00	48,00	6,00	3,00	
LA 292	purpurea, 60 cm, purple-violet, VII-X, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	1	9	×	–	54,00	7,80	3,90	
LA 296	purpurea 'Canon Went', 60 cm, clear pink, VII-X, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	1	9	×	420,00	54,00	7,80	3,90	
LA 294	purpurea 'Springside White' (Alba), 60 cm, pure white, VII-X, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	1	9	×	–	–	7,80	3,90	
LA 308	triornithophora, 80 cm, red-violet, large flowering, VI-IX, Z6-9 . . . . .	1	15	×	–	96,00	12,00	4,00	
	vulgaris - see Perennial Herbs - Culinary, Teas and Medicinal								
<b>LINDELOFIA</b> (Boraginaceae)									
LA 316	longiflora, 40 cm, bright blue, protect from winter wet, V-VII, Z6-9 . . . . .	20	1	△ ↘	224,00	28,00	3,50	3,50	
<b>LINUM</b> (Linaceae)									
LA 320	alpinum (perenne var. alpinum), 20 cm, light blue, VI-VIII, Z5-9 . . . . .	5	16	△	328,00	41,00	5,20	3,90	
LA 322	capitatum [Sulphur], 25 cm, yellow, beautiful variety, VI-VII, Z6-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	8	△	450,00	50,00	6,20	3,10	
LA 323	dolomiticum, 20 cm, yellow, VI-VII, Z5-8 . . . . .	5	9	△	450,00	50,00	6,20	3,10	
LA 324	flavum 'Compactum', 20 cm, golden, VI-VIII, Z4-8 . . . . .	3	16	△ ⚡	320,00	42,00	5,40	2,80	
LA 330	hybrid 'Gemmels-Strain', , 15 cm, large golden flowers, glaucous foliage, VI-VII, Z5-8 . . . . .	3	8	△ ⚡	760,00	96,00	12,00	4,00	
LA 331	hypericifolium, 40 cm, pink with darker veins, striking and large flowering, robust habit, VI-VIII, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	9	△	760,00	96,00	12,00	6,00	
LA 334	lewisii, 30 cm, skyblue, drought resistant prairie perennial, V-VIII, Z3-9 . . . . .	5	15	–	96,00	12,00	2,00	2,00	
LA 332	narbonense [Heavenly Blue], 40 cm, heavenly blue, large flowers, VI-VII, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	10	8	–	378,00	42,00	5,20	3,60	
LA 335	perenne [Himmelszelt], Perennial Flax, blue, 40 cm, VI-VIII, Z5-8 ( <i>see also Organic-Seeds</i> ) . . . . .	10	15	–	96,00	12,00	2,00	2,00	
LA 340	perenne Nanum 'Diamant', 25 cm, pure white, well branched, VI-VIII, Z5-8 . . . . .	10	15	△ ⚡	320,00	42,00	5,40	2,80	
LA 344	perenne Nanum 'Blue Sapphire', 25 cm, sapphire blue, well branched with abundant flowers, VI-VII, Z5-8 . . . . .	10	15	△ ⚡	320,00	42,00	5,40	2,80	
LA 352	tenuifolium, 30 cm, light pink with darker veins, fine foliage, VI-VIII, Z6-8 . . . . .	2	15	△	–	–	–	4,00	
<b>LIRIOPE</b> (Convallariaceae, Liliaceae)									
LA 360	muscaria 'Big Blue', 50 cm, blue, evergreen, VIII-X, Z6-9 . . . . .	100	7/8	△ ⚡	56,00	7,00	2,00	3,50	
<b>LOBELIA</b> (Campanulaceae)									
LA 370	cardinalis, , 90 cm, bright red, green foliage, VII-X, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	0,5	4/9	⌘ ✕ ⚡	1584,00	198,00	22,00	5,00	
LA 374	fulgens (cardinalis) 'Queen Victoria', , 80 cm, red, foliage red-brown, VII-X, Z7-9 . . . . .	1,5	4/20	✖ ↗ ⚡	–	360,00	42,00	5,40	
	inflata - see <b>Organic Seed</b>								
LA 373	sessilifolia, 50 cm, violet, upright, VI-VIII, Z4-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	0,5	4/9	⌘ ✕	1584,00	198,00	22,00	5,00	
	speciosa Starship-Series, 55 cm, dense flower stalks, rich and early flowering, vigorous and bushy growth, first year flowering, perfect for pot culture, V-X, Z6-10								
LA 375	'Starship Deep Rose', bright deep pink	1	4/20	✖ ⚡	–	1150,00	128,00	9,80	
LA 377	'Starship Scarlet', bright scarlet	1	4/20	✖ ↗ ⚡	–	–	–	–	
LA 378	siphilitica, 60 cm, bright blue, VII-IX, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	0,5	4/9	⌘ ✕ ⚡	384,00	48,00	6,00	3,00	
LA 379	siphilitica 'Alba', 60 cm, pure white, VII-IX, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	0,5	4/9	⌘ ✕ ⚡	512,00	64,00	8,00	4,00	
LA 386	tupa, 120 cm, brick red, large lanceolate leaves, needs winter protection, VIII-IX, Z7-10 . . . . .	0,25	9	✖ ↗ ⚡	–	–	48,00	8,00	
<b>LOMATIUM</b> (Apiaceae, Umbelliferae)									
LA 395	columbianum, Columbia Desert Parsley, 60 cm, robust rosy-red umbels, blue-grey pinnate leaves, a rarity! IV-VI, Z6-9 . . . . .	120	1	✿ △ ⚡	280,00	36,00	4,80	7,60	
LA 396	grayi, Gray's Desert Parsley, 40 cm, yellow umbels, fine feathered aromatic foliage, long lived, V-VII, Z6-9 . . . . .	40	1	✿ △	160,00	22,00	3,00	3,00	



*LINUM narbonense*



*LINUM tenuifolium*



*LOBELIA speciosa 'Starship Scarlet'*



*LOBELIA cardinalis*



*LOBELIA speciosa 'Starship Deep Rose'*



*LOBELIA siphilitica*



*LOBELIA tupa*



*LOMATIUM grayi*



*LOMATIUM columbianum*



*LUNARIA rediviva*



LUPINUS 'Mini-Gallery Pink-White'



LUPINUS Nanus Russell 'Mini-Gallery Pink'



LUPINUS Nanus Russell 'Mini-Gallery Blue'

LUPINUS Nanus Russell 'Mini-Gallery Pink'

LUPINUS Nanus Russell 'Mini-Gallery Blue'



LUPINUS Russell 'Woodfield Hybr.'



LUPINUS Nanus Russell 'Gallery Mixture'



LYCHNIS x arkwrightii 'Orange Zwerg'



LYCHNIS coronaria 'Oculata'



LYCHNIS flos-cuculi



LYCHNIS flos-cuculi 'White Robin'



LYCHNIS x haageana 'Molten Lava'

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>LOTUS</b> (Papilionaceae, Leguminosae)								
LA 390 corniculatus, 10 cm, yellow, V-IX, Z4-9 . . . . .		10	15	‡ △ ⓘ	24,00	6,00	2,00	2,00
hirsutus - see <b>DORYCNIUM</b>								
maritimus - see <b>TETRAGONOLOBUS</b>								
pentaphyllus - see <b>DORYCNIUM</b>								
<b>LUNARIA</b> (Brassicaceae, Cruciferae)								
LA 400 annua (biennis), Honesty, 100 cm, purple, self-sows, IV-VI, Z6-10 . . . . .	50	15	✖ ⓘ ⚡ ⓘ	36,00	4,80	2,00	2,40	
LA 401 annua var. albiflora, (AGM), 100 cm, white, decorative seed heads, IV-VI, Z6-10 . . . . .	50	15	✖ ⓘ ⚡ ⓘ	36,00	4,80	2,00	2,40	
LA 404 ☒ rediviva, Perennial Honesty, 90 cm, light purple and white, elliptical seed pods, V-VII, Z5-8 . . . . .	70	1	✖ ✖ ⓘ	84,00	9,80	2,00	3,50	
<b>LUPINUS</b> (Papilionaceae, Leguminosae)								
LA 407 arboreus f. albiflorus, (AGM), Tree Lupin, up to 2 m, white, evergreen, IV-VI, Z7-10 . . . . .	80	7/10	Sol	96,00	12,00	2,00	9,00	
LA 408 arboreus f. luteus, (AGM), Tree Lupin, up to 2 m, sulphur-yellow, evergreen, IV-VI, Z7-10 . . . . .	80	7/10	Sol	96,00	12,00	2,00	6,00	
LA 413 perennis, 110 cm, mostly blue, V-VIII, Z3-8 . . . . .	50	16	ⓘ	18,00	6,00	2,00	2,00	
<b>Perennis-Hyb. Russell-Varieties:</b>								
<b>Russell Band of Nobles-Series:</b> 100 cm, JET®- heat-treated seed is virtually Colletotrichum free, a secondary infection is still possible, please prevent! VI-VIII, Z3-8								
LT 420 'Edelknaben' [The Pages], carmine red shades }								
LT 422 'Fräulein' [Noble Maiden], cream-white }								
LT 424 'Kastellan' [The Governor], blue, white banner }								
LT 426 'Kronleuchter' [Chandelier], light yellow }				JET®- heat-treated seed	50	7/10	✖ ⓘ	86,00
LT 428 'Mein Schloß' [My Castle], red colors }								
LT 430 'Schloßfrau' [The Chatelaine], pink, white banner }								
LT 434 'Russellmixture' [Band of Nobles], (see also Organic-Seeds), . . . . . JET®- heat-treated seed					50	7/10	✖ ⓘ	64,00
<b>Dwarf Russell-Mixtures:</b> extensive colour range, VI-VIII, Z3-8								
LT 415 'Lulu Mix', 45 cm, compact habit }				JET®- heat-treated seed	50	7/10	✖ △ ⓘ	98,00
LT 416 'Minarette', 60 cm, stable }								14,00
								2,00
								4,80
<b>Nanus Russell Mini-Gallery®-Series:</b> ☒, 35 cm, densely compact flower spikes, dwarf compact habit, first year flowering, best for container production, V-VII, Z3-8								
LA 453 ☒ 'Mini-Gallery Blue'								
LA 451 'Mini-Gallery Blue-White'								
LA 454 'Mini-Gallery Yellow'								
LA 455 ☒ 'Mini-Gallery Pink'								
LA 456 ☒ 'Mini-Gallery Pink-White'								
LA 457 'Mini-Gallery Red'								
LA 458 'Mini-Gallery White'								
<b>Nanus Russell Gallery®-Series:</b> ☒, 50 cm, compact plants, 10-12 blossom-stalks per plant, VI-VIII, Z3-8								
LT 440 'Gallery Blue'								
LT 442 'Gallery Yellow'								
LT 444 'Gallery Pink'								
LT 445 'Gallery Pink-White'								
LT 446 'Gallery Red'								
LT 448 'Gallery White'								
LT 450 ☒ 'Gallery Mixture' of single colors				JET®- heat-treated seed	50	7/10	△ ⓘ ⓘ	198,00
								26,00
								3,40
								7,20
<b>LT 459 ☒ Russell 'Woodfield Hybr.:</b> 100 cm, colourful mixture with dense, tight, large flower panicles, pure white, pink, red, yellow, orange, blue, violet and wonderful multicolored combinations, VI-VIII Z3-8, . . . . . JET®- heat-treated seed								
LA 460 alpina (VISCARIA), 10 cm, pink, V-VI, Z4-8 . . . . .	1	16	△ ⓘ	576,00	72,00	9,00	3,50	
LA 463 alpina 'Lely Deep Rose'™, ☒, 15 cm, brilliant dark pink, abundant flowering and vigorous, selected for container production, V-VI, Z4-8 . . . . .	0,5	15	△ ⓘ ⓘ	-	420,00	48,00	6,20	
LA 461 alpina 'Snow Flurry', ☒, 10 cm, pure white, V-VI, Z4-8 . . . . .	1	15	△ ⓘ	768,00	96,00	12,00	4,00	
LA 465 ☒ x arkwrightii 'Orange Zwerg', 20 cm, orange-red, dark foliage, VI-VII, Z5-8 . . . . .	2	15	△ ⓘ	360,00	45,00	5,80	2,80	
LA 464 x arkwrightii 'Vesuvius', 40 cm, orange-scarlet, dark foliage, VI-VII, Z5-8 . . . . .	2	15	ⓘ ×	240,00	30,00	4,00	2,00	
LA 468 chalcedonica 'Red Cross', (AGM), 120 cm, fire-red blossoms, VI-VIII, Z4-8 . . . . .	1	15	ⓘ ×	96,00	18,00	3,40	2,00	
LA 467 chalcedonica 'Carnea' [Morgenrot, Dusky Salmon, Dusky Pink, Pinkie], 120 cm, pink, VI-VIII, Z4-8 . . . . .	1	15	ⓘ ×	-	54,00	7,80	2,80	
LA 469 chalcedonica 'Rauhreif', 120 cm, pure white, VI-VII, Z4-8 . . . . .	1	15	ⓘ ×	-	54,00	7,80	2,80	
LA 472 coronaria (AGROSTEMMA) [Atrosanguinea], (AGM), 75 cm, carmine-red, white felt-like foliage, VII-VIII, Z4-8 . . . . .	1	15	ⓘ	80,00	10,00	2,00	2,00	
LA 476 coronaria 'Alba', (AGM), 70 cm, pure white, white felt-like foliage, VII-VIII, Z4-8 . . . . .	1	15	ⓘ	192,00	24,00	3,40	2,00	
LA 480 ☒ coronaria 'Oculata' [Angel's Blush], 70 cm, white with red eye, variable, VII-VIII, Z4-8 . . . . .	1	15	ⓘ	192,00	24,00	3,40	2,00	
LA 484 ☒ flos-cuculi (SILENE), Ragged Robin, 40 cm, pink, V-VI, Z3-8 (see also Organic-Seeds) . . . . .	0,5	16	ⓘ	96,00	18,00	3,40	2,00	
LA 485 flos-cuculi 'Nana' [Congesta], 10 cm, red, V-VI, Z3-8 . . . . .	0,5	15	△ ⓘ	448,00	56,00	8,00	4,00	
LA 486 ☒ flos-cuculi 'White Robin', ☒, 40 cm, pure white flowers with red stems, stable upright habit, V-VI, Z3-8 . . . . .	0,5	16	ⓘ *	448,00	56,00	8,00	4,00	
LA 490 flos-jovis nana 'Peggy', ☒, 25 cm, bright rosy-red, grey felt-like foliage, V-VII, Z4-8 . . . . .	0,5	15	△ ⓘ *	512,00	64,00	8,00	4,00	
LA 492 x haageana, 45 cm, large flowering hybrids, mixed, VI-VII, Z5-8 . . . . .	3	15	ⓘ	160,00	20,00	2,50	2,00	
NEW! LA 493 ☒ x haageana, 30 cm, brilliant red, abundant flowering, dark foliage, compact, VI-VII, Z5-8 . . . . .	3	15	△ ⓘ *	360,00	45,00	5,80	2,80	
LA 495 viscaria, wild form, 50 cm, red, V-VI, Z3-7 . . . . .	1	15	ⓘ	96,00	18,00	3,40	2,00	
LA 500 viscaria ssp. atropurpurea, 30 cm, dark purple-red, V-VI, Z3-7 . . . . .	1	15	△	256,00	32,00	4,00	2,00	
LA 496 viscaria splendens 'Feuer' [Firebird, Rosett, Visca Fire], 50 cm, bright fire red, V-VI, Z3-7 . . . . .	1	15	✖ *	120,00	20,00	3,40	2,00	
LA 504 viscaria Alba 'Schnee' [Snowbird, Snowstar, Visca Snow], 50 cm, pure white, V-VI, Z3-7 . . . . .	1	15	✖ *	120,00	20,00	3,40	2,00	
<b>LYCIUM</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>LYCOPUS</b> - see Organic Seed								
LYSIMACHIA (Primulaceae)								
LA 525 <i>atropurpurea [Beaujolais]</i> , 45 cm, dark-purple, VI-VIII, Z5-10		1	8		768,00	96,00	12,00	6,00
LA 521 <i>ciliata</i> , 60 cm, light yellow, VII-VIII, Z3-7		1	8		-	224,00	28,00	6,00
LA 522 <i>clethroides [Lady Jane]</i> ,  Gooseneck Loosestrife, 60 cm, pure white, widely arching spikes, beautiful fall colors, VII-IX, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> )		0,5	9		-	288,00	36,00	6,00
LA 520 <i>ephemerum</i> , 100 cm, white, grey-green leaves, VI-IX, Z6-8		1	15		768,00	96,00	12,00	6,00
LA 523 <i>minoricensis</i> , 40 cm, leaf-rosettes violet veined, for flower arrangements, VI-VII, Z7-10		1	16		1920,00	240,00	30,00	6,00
LA 524 <i>punctata</i> , 65 cm, yellow, VI-VIII, Z4-9 ( <i>see also GOLD NUGGET SEED®</i> )		1	9		240,00	30,00	4,00	2,00
LA 527 <i>vulgaris</i> , Yellow Loosestrife, 80 cm, golden, VI-VIII, Z4-9 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> )		1	9		72,00	12,00	2,00	2,00
LYTHRUM (Lythraceae)								
LA 528 <i>alatum</i> , 80 cm, purple-red, VI-VIII, Z3-9		0,25	9		-	224,00	28,00	3,50
LA 530 <i>salicaria [Rosy Gem, Red Beauties]</i> , 120 cm, carmine-pink, VI-IX, Z3-9 ( <i>see also GOLD NUGGET SEED® + Organic-Seeds</i> )		1	9		128,00	16,00	2,00	2,00
NEW! LA 540 <i>salicaria 'Happy Lights'</i> ,  120 cm, color rich mixture of brilliant flower colours, from violet-blue to red, carmine pink, salmon colored to soft pink and white, narrow foliage, sturdy habit, VI-IX, Z3-9		0,25	9		-	192,00	24,00	3,20



LYSIMACHIA atropurpurea



LYSIMACHIA clethroides



LYTHRUM salicaria 'Happy Lights'



LYSIMACHIA punctata



LYTHRUM alatum



MANDRAGORA caulescens



MALVA alcea var. fastigiata



MALVA moschata f. alba



MANDRAGORA autumnalis

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>MACHAERANTHERA</b> - see ASTER								
<b>MACLEAYA</b> - see Perennial Herbs - Culinary, Teas and Medicinal								
<b>MAIANthemum</b>								
racemosum - see <b>SMILACINA racemosa</b>								
stellatum - see <b>SMILACINA stellata</b>								
<b>MALVA</b> (Malvaceae)								
MA 030 <b>alcea</b> var. <b>fastigiata</b> , 80 cm, pink, blooms continually, VI-IX, Z3-8 ( <i>s. a. GOLD NUGGET SEED®</i> )	10	8			128,00	16,00	2,00	2,00
MA 034 <b>moschata</b> [ <i>Rosea, Pink Perfection</i> ], 50 cm, pink, VI-IX, Z3-8 (see also <b>GOLD NUGGET SEED®</b> )	10	8			72,00	12,00	2,00	2,00
MA 038 <b>moschata</b> f. <b>alba</b> [ <i>White Perfection</i> ], , 50 cm, pure white, VI-IX, Z3-8 (see also <b>GOLD NUGGET SEED®</b> )	10	8			72,00	12,00	2,00	2,00
MA 039 <b>moschata</b> 'Appleblossom', 50 cm, soft pink, VI-IX, Z3-8 (see also <b>GOLD NUGGET SEED®</b> )	10	8			72,00	12,00	2,00	2,00
<b>sylvestris</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>MANDRAGORA</b> (Solanaceae)								
MA 045 <b>autumnalis</b> , Autumn Mandrake, 30 cm, purple flowers, fruits yellow to orange, poisonous! IX-X, Z6-9	15	8			-	280,00	36,00	9,80
NEW! MA 037 <b>caulescens</b> , Himalayan Mandrake, 20 cm, dark purple to greenish yellow, bell-shaped, rare, V-VIII, Z5-8	3	8			-	-	-	9,60
MA 044 <b>officinarum</b> , Mandrake, 40 cm, green-white flowers, first green, later yellow apple-like fruits, poisonous! III-IV, Z6-9	60	8			1728,00	192,00	24,00	12,00
<b>MARRUBIUM</b> (Lamiaceae, Labiateae)								
MA 046 <b>incanum</b> ( <i>candidissimum</i> ), 40 cm, white, white-woolly, abundant flowers, VI-VII, Z6-8	5	16			256,00	32,00	4,00	2,00
MA 048 <b>supinum</b> , 30 cm, rosy-red, white-woolly foliage, VI-VIII, Z6-8 <b>vulgare</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed	3	16			220,00	28,00	3,80	2,00
<b>MATRICARIA</b> - see <b>CHAMOMILLA</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>MATTHIOLA</b> (Brassicaceae, Cruciferae)								
MA 054 <b>incana</b> 'Pillow Talk', , Brompton Stock, 45 cm, white, fading to pink, fragrant, grey leaved, mostly biennial, VI-IX, Z5-8	5	9			360,00	45,00	5,80	2,90
<b>MECONOPSIS</b> (Papaveraceae)								
baileyi - see <b>betonicifolia</b>								
NEW! MA 059 <b>balangensis</b> , 40 cm, black purple to violet, hirsute rosettes, very rare, V-VII, Z5-8	0,5	9			-	-	-	9,60
MA 060 <b>betonicifolia</b> (var. baileyi) [ <i>China Blue</i> ], , 60 cm, heavenly blue, V-VII, Z6-8 (see also <b>GOLD NUGGET SEED®</b> )	2	9			-	320,00	38,00	7,20
MA 062 <b>betonicifolia</b> var. <b>alba</b> , 60 cm, pure white version, VI-VII, Z6-8 ( <i>s. also GOLD NUGGET SEED®</i> )	2	9			-	320,00	38,00	7,20
MA 063 <b>betonicifolia</b> 'Hensol Violet', 60 cm, lilac-rose, V-VII, Z6-8 (see also <b>GOLD NUGGET SEED®</b> )	2	9			-	320,00	38,00	7,20
MA 066 <b>cambrica</b> (PARAMECONOPSIS), 40 cm, yellow, large flowers, VI-IX, Z5-8 (see also <b>GOLD NUGGET SEED®</b> )	1	1			256,00	32,00	4,00	2,00
MA 068 <b>cambrica</b> 'Aurantiaca', 40 cm, orange, VI-IX, Z5-8	1	1			-	96,00	12,00	4,00
MA 069 <b>cambrica</b> 'Plena', 40 cm, yellow-orange double, variable, VI-IX, Z5-8	0,5	1			-	-	-	6,00
MA 070 <b>cambrica</b> 'Frances Perry' (Rubra), 40 cm, orange-red, VI-VIII, Z5-8 <i>grandis</i> hort. - see <i>x sheldonii</i> 'Lingholm' (Fertile Blue Group)	1	1			-	-	18,00	6,00
MA 076 <b>horridula</b> , 50 cm, medium blue, VII-VIII, Z5-8	1	9			-	336,00	48,00	6,40
MA 075 <b>integritifolia</b> , 80 cm, brilliant yellow, large flowering, hairy lanceolate leaves, VI-VII, Z6-9 (see also <b>GOLD NUGGET SEED®</b> )	2	9			-	176,00	22,00	5,80
MA 077 <b>napaulensis</b> ( <i>wallichii</i> ), 60 cm, red, pink to purple, V-VII, Z5-9	1	9			-	176,00	22,00	5,80
MA 072 <b>paniculata</b> , 120 cm, yellow, hairy leaf rosettes, VII-IX, Z6-9 (see also <b>GOLD NUGGET SEED®</b> )	1	9			-	176,00	22,00	5,80
MA 081 <b>punicea</b> , 40 cm, dark red, nodding flowers, a rarity, VI-VII, Z6-9	2	1			-	432,00	48,00	7,20
MA 067 <b>x sheldonii</b> 'Lingholm' ( <i>grandis</i> hort.) [Blue Ice] (Fertile Blue Group), 80 cm, medium blue, vigorous, V-VII, Z5-8 (see also <b>GOLD NUGGET SEED®</b> )	3	9			-	234,00	26,00	7,20
MA 079 <b>superba</b> , 60 cm, white, hairy rosettes, VII-VIII, Z6-8	1	9			-	324,00	36,00	6,40
MA 082 <b>villosa</b> (CATHARTIA), 50 cm, yellow, hairy foliage, VI-VII, Z6-9	0,5	9			-	288,00	32,00	5,80
<b>MELANDRIUM</b> - see <b>SILENE</b>								



MARRUBIUM supinum

MECONOPSIS balangensis

MECONOPSIS horridula

MECONOPSIS integrifolia



**MECONOPSIS paniculata**



**MECONOPSIS punicea**



**MECONOPSIS x sheldonii 'Lingholm'**



**MELIANTHUS major**



**MIMULUS cardinalis**

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>MELIANTHUS</b> (Melianthaceae)							
MA 090 <b>major</b> , (AGM), Honey Bush, up to 3 m, bronze-red flower spikes, attractive blue-green, feathery foliage, V-VII, Z7-11.....	80	9		252,00	36,00	4,50	9,00
<b>MELILOTUS</b> - see Organic Seed							
<b>MELISSA officinalis</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>MENTHA</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>MERTENSIA</b> (Boraginaceae)							
<b>maritima</b> - see Perennial Herbs - Culinary, Teas and Medicinal							
MA 094 <b>virginica (pulmonarioides)</b> , (AGM), Virginia Bluebells, 50 cm, sky blue, light green foliage, IV-V, Z3-8 .....	10	1		–	192,00	24,00	9,80
<b>MESEMBRYANTHEMUM crystallinum</b> - see Perennial Herbs - Culinary, Teas and Medicinal							
<b>MEUM athamanticum</b> - see Perennial Herbs - Culinary, Teas and Medicinal							
<b>MICHAUXIA</b> (Campanulaceae)							
MA 102 <b>campanuloides</b> , Rough-leaved Michauxia, 120 cm, very large white blossoms, monocarp, VII-IX, Z6-9 .....	0,25	9		–	–	64,00	7,80
<b>MICROMERIA thymifolia</b> - see Perennial Herbs - Culinary, Teas and Medicinal							
<b>MIMULUS</b> (Scrophulariaceae)							
MA 110 <b>cardinalis [Red Dragon]</b> , (AGM), 50 cm, scarlet red, VI-IX, Z6-9.....	0,25	4/15		–	192,00	24,00	4,00
MA 114 <b>cupreus 'Red Emperor' [Roter Kaiser]</b> , 30 cm, bright scarlet red, VII-IX, Z6-8 .....	0,5	4/15		2048,00	256,00	32,00	6,00
MA 118 <b>guttatus</b> , 40 cm, yellow, partially red spotted, groundcover for moist places, V-IX, Z6-8 .....	0,5	4/15		–	98,00	12,00	4,00
MA 122 <b>lewisii</b> , (AGM), 50 cm, rosy-red, V-IX, Z5-8 .....	0,5	4/15		–	–	28,00	4,00
MA 126 <b>luteus</b> , 30 cm, golden, spotted underlip, V-IX, Z6-9 .....	0,25	4/15		988,00	128,00	16,00	4,00
MA 132 <b>luteus 'Tigrinus Grandiflorus Mixture'</b> , 30 cm, yellow, orange, red, brown spotted, V-IX, Z7-8 .....	0,5	4/15		256,00	38,00	6,00	2,00
MA 134 <b>minimus</b> , 5 cm, yellow, spotted, very delicate, VI-IX, Z6-9 .....	5pt	4/9		–	–	72,00	4,00
MA 136 <b>ringtons</b> , 50 cm, violet, V-IX, Z3-8 .....	0,5	8		–	86,00	9,60	3,20
MA 140 <b>tilingii</b> , 15 cm, yellow, abundant flowers, blooms in the first year, V-IX, Z6-9 .....	0,5	4/15		–	–	16,00	4,00
<b>MINUARTIA</b> (Caryophyllaceae)							
MA 150 <b>capillacea (ARENARIA linifolia)</b> , 10 cm, white, VI-VIII, Z4-7 .....	1	4/9		–	–	–	4,00
MA 154 <b>laricifolia</b> , 10 cm, white, dense mat-like, VI-VIII, Z4-7 .....	1	4/9		–	96,00	12,00	4,00
MA 156 <b>verna</b> , 15 cm, white, carpet forming, V-VI, Z2-6 .....	0,5	4/9		–	128,00	16,00	4,00



MICHauxia campanuloides



MIMULUS guttatus



MIRABILIS multiflora



MITCHELLA repens



MITELLA breweri

		Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>MIRABILIS</b> (Nyctaginaceae)									
MA 176	jalapa Mixture	60 cm, attractive trumpet shaped flowers open in the afternoon, fragrant, healthy foliage, VI-X, Z7-11	120	15	⊗ ⊖	32,00	4,60	2,00	4,60
MA 168	multiflora	Colorado Four O'Clock Plant, 60 cm, brilliant rose-purple, bushy, shrubby habit, VII-IX, Z6-10	150	16	△ ✕ Sol ⊖	126,00	18,00	2,50	9,80
<b>MITCHELLA</b> (Rubiaceae)									
MA 159	repens	Partridge Berry, 5 cm, small white, fragrant flowers, round, evergreen foliage, scarlet berries, delicate groundcover, V-VI, Z3-8	5	1	❖ ↗ ↘ ↗ ↘	–	420,00	52,00	9,20
<b>MITELLA</b> (Saxifragaceae)									
MA 160	breweri	Feathery Bishop's Cap, 25 cm, greenish yellow, excellent groundcover with vigorous lustrous foliage, IV-VIII, Z5-9	0,5	20	✿	–	–	7,20	3,60
<b>MOLTKIA</b> (Boraginaceae)									
MA 184	petraea	20 cm, violet-blue, silky hairy leaves, V-VIII, Z5-8	3	9	△	–	–	18,00	6,00
<b>MONARDA</b> (Lamiaceae, Labiateae)									
MA 190	bradburiana	80 cm, purple, lilac or reddish, flowers later than M. didyma, drought tolerant, VII-IX, Z4-8	3	15	✗	512,00	64,00	8,00	4,00
MA 194	citriodora	Lemon-Mint, Lemon Bergamot, 80 cm, rosy-red, purple spotted whorl flowers, VI-IX, Z5-8	3	15	✗ ⊖ ⊙	180,00	24,00	3,20	2,00
MA 195	Citriodora-Hybr. 'Bergamo'	[FS], 60 cm, intensive rose-purple, compact habit, flowering first year from seed, short lived, VI-IX, Z5-8	1	15	✗ ⊖ ⊙	–	324,00	36,00	4,80
MA 202	didyma 'Panorama Mixture'	110 cm, colour range of red, pink, purple, white and salmon, VII-IX, Z4-8	3	15	✗ ✕ ✕	996,00	110,00	12,00	4,00
MA 206	didyma 'Red Colors' [Panorama Red]	100 cm, mostly red to scarlet, VII-IX, Z4-8	3	16	✗ ✕ ✕	1540,00	162,00	18,00	6,00
MA 209	fistulosa	- see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed	1	15	○	–	120,00	16,00	4,00
MA 210	pectinata	40 cm, white often with pink, aromatic fragrant foliage, IV-VIII, Z6-10	1	15	○	–	120,00	16,00	4,00
MA 210	punctata	Spotted Bee Balm, 90 cm, pink bracts, yellow, purple spots, VII-IX, Z4-8	3	15	⊗ ✕ \$ ⊖	369,00	46,00	6,20	3,10
<b>MONARDELLA</b> (Lamiaceae, Labiateae)									
MA 220	odoratissima	15 cm, lilac to white, aromatic foliage, VI-IX, Z6-9	2	8	△	–	256,00	32,00	8,00
<b>MONTIA</b> (Portulacaceae)									
MA 225	sibirica (CLAYTONIA)	8 cm, pink, prefers shade and moisture, IV-VI, Z3-9	3	9	△ ↗	–	–	12,00	6,00



MOLTKIA petraea



MONARDA pectinata



MORINA longifolia



MONARDA didyma 'Panorama Mixture'



MUSCARI comosum

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>MORINA</b> (Morinaceae)								
MA 230 <b>longifolia</b> , 80 cm, white, later reddish, fragrant, VI-VIII, Z5-8 .....		30	15	✗	380,00	48,00	5,20	5,20
<b>MUEHLENBECKIA</b> (Polygonaceae)								
MA 233 <b>axillaris</b> , 10 cm, greenish-white, dense summergreen mats, white berries, VII-IX, Z6-10 .....		10	1	❖ ↗ ↘ ↖	-	120,00	16,00	8,00
<b>MUSCARI</b> (Hyacinthaceae, Liliaceae)								
MA 234 <b>comosum</b> , 30 cm, blue panicles, V-VI, Z4-8 .....		15	8	△ \$	128,00	16,00	2,00	2,00
<b>MYOSOTIDIUM</b> (Boraginaceae)								
MA 237 <b>hortensia</b> , Chatham Island Forget-me-not, 50 cm, large light blue flower umbels, cordate leaves, VII-VIII, Z7-10,.....	<b>pure seed</b>	50	19	↖ Ca ↗	720,00	88,00	9,80	9,80
<b>MYOSOTIS</b> (Boraginaceae)								
MA 262 <b>capitata</b> , 10 cm, deep blue, spatulate foliage, a rarity, VI-VIII, Z7-10 .....		1	15	△ ↗ ▷	-	464,00	58,00	8,00
MA 240 <b>palustris (scorpioides)</b> , 35 cm, heavenly blue, V-X, Z3-8 .....		2	15	❀ ⓘ	384,00	48,00	6,00	3,00
MA 241 <b>palustris 'Alba' [Ice Pearl]</b> , 35 cm, pure white, rich flowering, light, fresh green foliage, first year flowering from seed, V-X, Z3-8 .....		1	15	❀ ⓘ	-	-	-	4,50
MA 242 <b>pulvinaris</b> , 5 cm, white, compact cushions, rare, IV-V, Z7-8 .....		1	15	△ ↗ ▷	-	-	-	9,80
<b>sylvatica compacta Victoria-Series</b> , 20 cm, compact habit, intense colours, ideal for use as pot-plants and borders, perennial but mostly grown as a biennial, IV-VIII, Z4-8 .....								
MA 244  'Victoria Light-blue'								
MA 245  'Victoria Indigo-blue'								
MA 246  'Victoria Pink'								
MA 247  'Victoria White'								
<b>MYRRHIS odorata</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>NARTHECIUM</b> (Liliaceae)								
NA 010 <b>ossifragum</b> , 30 cm, yellow, green stripes, red stamen, orange capsule, VII-VIII, Z5-8 .....		0,5	18	Ca ❀ ✗	-	-	18,00	4,50
<b>NASTURTIUM officinale</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>NECTAROSCORDUM</b> (Alliaceae, Liliaceae)								
NA 015 <b>siculum (ALLIUM)</b> , 80 cm, greenish-white with pink touch, loose umbels, V-VI, Z5-8 .....		15	1	✗	384,00	48,00	6,00	3,00

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>NEPETA</b> (Lamiaceae, Labiateae)								
	cataria - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
NA 022	clarkei, 70 cm, blue with white lip, VI-VII, Z4-7.....	2	15	⊗ ×	448,00	56,00	7,00	3,50
	x faassenii - see <b>racemosa</b>							
NA 016	govaniana, 100 cm, yellow, loose flowering spikes, light green, obovate foliage, VI-IX, Z4-7 ..	3	16	⊗ △	720,00	90,00	12,00	6,00
	mussinii hort. - see <b>racemosa</b>							
NA 028	nervosa [Blue Moon, Blue Carpet], 40 cm, inflorescence in dense light-blue spikes, VII-IX, Z3-9	2	15	⊗ △ ⊗	720,00	90,00	12,00	4,50
NA 030	nervosa 'Pink Cat', [FS] 40 cm, intensive pink, dense spikes, VI-IX, Z3-9 ..	1	15	⊗ △ ⊗	-	324,00	36,00	6,40
NA 031	nuda, 80 cm, violet-blue, upright habit, VI-VIII, Z5-9 ..	2	15	⊗ × ⊗	-	56,00	7,00	3,50
NA 024	racemosa (x faassenii, mussinii), [AGM] Catmint, 30 cm, light blue, blooms continuously, V-IX, Z3-8 ( <i>see also Organic-Seeds</i> ) ..	3	15	⊗ ⊗ ⊗ ⊗	192,00	27,00	3,60	2,00
NA 025	racemosa 'Alba', 30 cm, pure white, V-IX, Z3-8 ..	3	15	⊗ ⊗ ⊗ ⊗	320,00	40,00	5,00	2,50
NA 019	racemosa 'Felix', 25 cm, deep lilac-blue flowers, bluish gray aromatic foliage, uniform and compact habit, abundant flowering until frost, V-X, Z3-8 ..	3	15	⊗ ⊗ ⊗ ⊗	380,00	48,00	6,20	3,10
NA 026	racemosa 'Select', 50 cm, blue, upright habit, V-X, Z3-8 ..	3	15	⊗ ⊗ ⊗ ⊗	320,00	40,00	5,00	2,50
NA 032	stewartiana, 80 cm, lavender blue, dark green foliage, VI-VIII, Z6-9 ..	2	16	⊗ ×	320,00	40,00	5,00	2,50
NA 017	subsessilis 'Blue Dreams', [EL] 60 cm, brilliant blue, abundant flowering, blooms the first year after sowing, reblooms after deadheading, VI-VIII, Z3-9 ..	3	16	⊗ ⊗ ⊗ ⊗	720,00	90,00	12,00	6,00
NA 018	subsessilis 'Pink Dreams', [EL] 60 cm, brilliant soft and intense pink, abundant flowering, blooms the first year after sowing, reblooms after deadheading, VI-VIII, Z3-9 ..	3	16	⊗ ⊗ ⊗ ⊗	720,00	90,00	12,00	6,00



MYOSOTIDIUM hortensia



MYOSOTIS pulvinaris



NEPETA nervosa



NEPETA govaniana



NEPETA racemosa 'Select'



NEPETA racemosa 'Felix'



NEPETA stewartiana



NEPETA subsessilis 'Blue Dreams'



NEPETA subsessilis 'Pink Dreams'

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>NERIUM</b> (Apocynaceae)								
NA 029 oleander, 150 cm, red, rose, white, VI-XI, Z8-11 . . . . .		7	20	‡ ☐ ✕	128,00	16,00	2,20	2,20
<b>NICOTIANA</b> (Solanaceae)								
NA 040 glauca, up to 3 m, cream-yellow, blue green leaves, VII-X, Z7-11 . . . . .		0,5	15	① ☐ ✕	–	120,00	16,00	4,50
<b>NIGELLA sativa</b> - see Organic Seed								
<b>NIPPONANTHEMUM</b> (Asteraceae, Compositae)								
CA 470 ☒ nipponicum ( <b>CHRYSANTHEMUM</b> ), 50 cm, white with greenish-yellow disk, spatulate, leathery dark green foliage, bushy habit, valuable late flowering plant, X-XI, Z7-10 . . . . .		1,5	16	☐	–	84,00	9,60	4,80
<b>NOTOTHLASPI</b> (Brassicaceae, Cruciferae)								
NA 060 ☒ rosulatum, 15 cm, white, pyramid shaped inflorescence, delicate rosettes, VI-VII, Z7-10 . . . . .		0,5	9	△ ~	–	–	38,00	9,50
<b>OCIMUM</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>OENOTHERA</b> (Onagraceae)								
OA 010 ☒ acaulis var. aurea (taraxacifolia), 10 cm, yellow, VI-X, Z5-8 . . . . .		1	15	△	280,00	35,00	4,40	2,20
biennis - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
OA 012 ☒ caespitosa ssp. eximia, 20 cm, large white blossoms, bushy habit, VI-VIII, Z3-7 . . . . .		7	15	△	768,00	96,00	12,00	6,00
erythrosepala - see glazioviana								
OA 018 fruticosa 'Youngii', 50 cm, yellow, large flowers, VI-VIII, Z4-8 . . . . .		1	15	✗	580,00	72,00	9,00	3,80
fruticosa ssp. glauca - see tetragona								
glauca - see tetragona								
OA 014 glazioviana (erythrosepala) [Tina James], 120 cm, yellow, large flowers, VI-IX, Z3-8 . . . . .		5	15	◎	72,00	12,00	2,00	2,00
OA 022 kunthiana [ <i>Glowing Magenta, Rosie</i> ], 30 cm, pink, lanceolate leaves, flowers the first year, IV-VIII, Z7-10 . . . . .		1	15	△ ☀	–	82,00	12,00	5,00
lamarckiana - see glazioviana								
lindheimeri - see GAURA lindheimeri								
OA 026 macrocarpa (missouriensis), ☐ (AGM), 20 cm, golden, green foliage, VI-IX, Z4-8 (see also GOLD NUGGET SEED®).		15	9	△ ↗ ☀	192,00	24,00	3,00	3,00
OA 027 ☒ macrocarpa ssp. fremontii 'Silver Wings', ☐ (EHL), 15 cm, golden, large flowering, narrow, lanceolate, grey-green foliage, VI-IX, Z4-8 (see also GOLD NUGGET SEED®).		6	9	△ ↗ ☀	320,00	40,00	5,00	3,80
OA 028 ☒ macrocarpa ssp. incana Silver Blade® [Pewter Moon], ☐ (PS), 20 cm, golden, very large flowering, silver-grey foliage, red stems, VI-IX, Z4-8 (see also GOLD NUGGET SEED®).		15	8	△* ↗ ☀	320,00	40,00	5,00	3,80
OA 031 ☒ odorata (stricta) 'Sulphurea' [Apricot Delight, Lemon Sunset], 60 cm, light yellow changing to orange and fading to pink, large flowering, VII-X, Z5-10 . . . . .		3	15	◎	164,00	24,00	3,40	2,00
OA 032 pallida [ <i>Innocence</i> ], 30 cm, pale lilac to white, V-IX, Z4-8 . . . . .		5	15	△ ☀	72,00	12,00	2,00	2,00
OA 034 perennis (pumila), 30 cm, yellow, V-VIII, Z4-8 . . . . .		1	15	△	384,00	48,00	6,00	3,00
OA 044 ☒ pilosella 'Yella Fella', ☐ (EHL), 40 cm, large golden flowers, brilliant orange in bud, intensive green hairy foliage, reddish fall color, stable, VI-VIII, Z4-8 . . . . .		1	15	◎ ✕ △	620,00	78,00	12,00	6,00
serrulatus - see CALYLOPHUS								
OA 038 ☒ speciosa [ <i>Silky, Pink Petticoats</i> ], 40 cm, soft pink, fragrant, blooms day and night, VI-IX, Z5-8 . . . . .		5	15	△ ☀	420,00	54,00	6,80	3,40
stricta - see odorata								
OA 042 ☒ tetragona (fruticosa ssp. glauca) [Evening Sun, Sundrops], ☐ (AGM), 50 cm, golden, buds tinged red, VI-VIII, Z4-8 . . . . .		1	15	✗ ☀	580,00	72,00	9,00	3,80
OA 046 ☒ versicolor [ <i>Sunset Boulevard</i> ], 40 cm, intense orange, flowers the first year, short lived, VI-VII, Z7-10 . . . . .		2	16	◎	–	96,00	12,00	4,00
<b>OLIGONEURON</b> - see ASTER + SOLIDAGO								
<b>OMPHALOGRAMMA</b> (Primulaceae)								
OA 054 ☒ vinciflorum ( <b>PRIMULA</b> ), 15 cm, deep purple blossoms, dense basal leaf rosettes, a rarity, IV-V, Z6-9 . . . . .		0,25	9	△ ~	–	–	–	9,80
<b>ONONIS</b> (Papilionaceae, Leguminosae)								
OA 060 ☒ natrix, Yellow Restarrow, 30 cm, golden pea flowers with purple veins, V-VIII, Z4-8 . . . . .		10	9	△	345,00	46,00	5,80	3,20
OA 058 rotundifolia, 50 cm, white with pink, V-IX, Z6-9 . . . . .		8	10	△	–	38,00	4,60	4,60
OA 062 ☒ spinosa, 45 cm, rose-purple, VI-IX, Z5-9 (see also GOLD NUGGET SEED®).		15	8	↗ \$ ☀	240,00	28,00	3,60	2,20



NIPPONANTHEMUM nipponicum



NOTOTHLASPI rosulatum



OENOTHERA acaulis var. aurea



*OENOTHERA caespitosa* ssp. *eximia*



*OENOTHERA fremontii* 'Silver Wings'



*OENOTHERA pilosella* 'Yella Fella'



*OENOTHERA macrocarpa* ssp. *incana* Silver Blade®



*OENOTHERA odorata* 'Sulphurea'



*OENOTHERA speciosa*



*OENOTHERA tetragona*



*OMPHALOGRAMMA vinciflorum*



*OENOTHERA versicolor*



*ONONIS spinosa*

Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>ONOPORDUM</b> (Asteraceae, <i>Compositae</i> )								
OA 070	<b>acanthium (nervosum)</b> , 200 cm, purple, VII-IX, Z4-8 . . . . .	40	8	⌚ Sol ⚡	64,00	8,00	2,00	2,00
<b>ONOSMA</b> (Boraginaceae)								
OA 077	<b>echioides</b> , 30 cm, light yellow, rich flowering, V-VIII, Z6-9 . . . . .	6	1	△	–	38,00	4,80	3,60
OA 076	⊗ <b>polyphyllum</b> , Golden Drops, 25 cm, golden, silvery, lanceolate foliage, loose cushions, V-VII, Z5-8 . . . . .	6	1	△△	–	40,00	5,00	3,80
OA 074	⊗ <b>rigida (taurica)</b> , <small>AGM</small> , 25 cm, light yellow, V-VII, Z5-8 . . . . .	6	1	△	256,00	32,00	4,00	3,00
OA 073	<b>stellulata</b> , 30 cm, yellow, V-VI, Z5-8 . . . . .	6	1	△	–	38,00	4,60	3,50
<b>OPOPANAX</b> (Apiaceae, <i>Umbelliferae</i> )								
OA 089	⊗ <b>chironium</b> , Hercules All Heal, 160 cm, yellow umbels, richly branched, V-VII, Z6-9 . . . . .	30	1	Sol ⓘ	112,00	14,00	2,00	2,00
<b>OPUNTIA</b> (Cactaceae)								
OA 078	<b>ficus-indica</b> , Indian Fig, 200 cm, yellow to orange-red flowers, large stem segments, IV-VII, Z8-11 . . . . .	30	20	⌚ ⓘ ⚡ ⚡	128,00	16,00	2,00	2,00
OA 080	<b>humifusa (vulgaris, compressa)</b> , 20 cm, yellow blossoms, VI, Z4-10 . . . . .	50	11	△ ⚡ ⚡	128,00	16,00	2,00	4,00
OA 081	⊗ <b>imbricata (CYLINDROPUNTIA)</b> , 150 cm, magenta blossoms, shrubby habit, VII-IX, Z6-10 . . . . .	50	1	△△ ⚡ ⚡	98,00	16,00	2,80	2,80
OA 085	<b>polyacantha</b> , 20 cm, yellow, exterior reddish, brown-red spines, VI, Z3-8 . . . . .	50	11	△ ⚡	192,00	24,00	3,00	6,00



**ONONIS** *natrix*



**ONOSMA** *polyphyllum*



**ONOSMA** *rigida*



**OPOPANAX** *chironium*



**OREOMYRRHIS** *argentea*



**OPUNTIA** *imbricata*



ORLAYA grandiflora



OURISIA caespitosa



OURISIA glandulosa



PAEONIA anomala



PAEONIA peregrina

		Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>OREOMYRRHIS</b> (Apiaceae, Umbelliferae)								
OA 082 ☼ <b>argentea</b> , 15 cm, inconspicuous flower umbels, fern like finely pinnatifid, silver-grey foliage, VI-VII, Z6-9 . . . . .		5	8	△ *	–	–	24,00	8,00
<b>ORIGANUM - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
<b>ORLAYA</b> (Apiaceae, Umbelliferae)								
OA 097 ☼ <b>grandiflora [White Lace, White Finch]</b> , 60 cm, magnificent white umbels with large white outer blossoms, feathered foliage, shortlived but outstanding, VI-IX, Z5-9 <i>(see also Organic-Seeds)</i> . . . . .		50	9	✗ ○ – ⊖	128,00	16,00	2,50	2,50
<b>ORNITHOGALUM</b> (Hyacinthaceae, Liliaceae)								
NEW! OA 099 <b>pyrenaicum</b> , 70 cm, white flower panicles, VI-VII, Z5-9 . . . . .	15	9	△ ✗	–	64,00	8,20	4,60	
OA 100 <b>umbellatum</b> , 15 cm, white, corymbs with many flowers, IV-V, Z4-9 . . . . .	6	9	△ ✗	–	–	7,20	3,80	
<b>OROBUS vernus</b> - see <b>LATHYRUS vernus</b>								
<b>OURISIA</b> (Scrophulariaceae)								
OA 102 ☼ <b>caespitosa</b> , 5 cm, white with yellow throat, compact cushion, V-VII, Z6-9 . . . . .	0,25	1	△ ~ Ca	–	–	28,00	6,00	
OA 104 ☼ <b>glandulosa</b> , 15 cm, white with purple throat, flat cushions, VI-VIII, Z6-9 . . . . .	0,25	1	△ ~ Ca	–	–	24,00	6,00	
<b>OXYRIA</b> (Polygonaceae)								
OA 114 <b>digyna (RUMEX)</b> , Mountain Sorrel, 15 cm, pale green to bloodred, kidney-shaped foliage, VII-VIII, Z2-8 . . . . .	3	15	△ Ca	–	136,00	18,00	3,60	
<b>OXYTROPIS</b> (Papilionaceae, Leguminosae)								
OA 120 <b>campestris</b> , 15 cm, pale yellow, grey-green, feathered foliage, VI-VIII, Z3-8 . . . . .	5	9	△	–	–	7,20	2,80	
OA 140 <b>lapponica</b> , 10 cm, violet-blue, VII, Z3-8 . . . . .	5	9	△	–	–	7,20	2,80	
OA 142 <b>purpurea</b> , 15 cm, purple, grey pinnatifid foliage, V-VII, Z3-8 . . . . .	5	9	△	256,00	32,00	4,00	2,00	
<b>PAEONIA</b> (Paeoniaceae)								
PA 002 ☼ <b>anomala</b> , 80 cm, pink to purple, 10 cm Ø, fine foliage, VI-VII, Z3-7 . . . . .	200	6/10	Sol	240,00	30,00	3,80	9,80	
PA 023 <b>cambessedesii</b> , <small>(AGM)</small> , Majorcan Peony, 40 cm, deep pink, V-VI, Z8-10 . . . . .	50	6/10	△ ~	–	96,00	12,00	12,00	
PA 006 <b>lutea var. ludlowii</b> , <small>(AGM)</small> , up to 200 cm, yellow, V-VI, Z5-8 . . . . .	1000	6/10	Sol	62,00	8,00	2,00	16,00	
officinalis ssp. <b>banatica</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
PA 011 ☼ <b>peregrina</b> , 60 cm, deep carmine red, V-VI, Z5-10 . . . . .	300	6/10	Sol	96,00	12,00	2,00	9,80	
PA 017 ☼ <b>Rockii-Hybr. (Ganshu Mudan)</b> , 120 cm, white to pink with purple center, fragrant, V-VI, Z5-10 . . . . .	500	6/10	✗ Sol	320,00	42,00	5,40	16,00	
PA 009 ☼ <b>tenuifolia</b> , 50 cm, brick red, feathered leaves, V-VI, Z5-9 . . . . .	150	6/10	✗ Sol *	360,00	46,00	5,80	12,00	



PAEONIA Rockii-Hybr.



PAEONIA tenuifolia



PAPAVER miyabeicum 'Pacino'



PANCRAZIUM maritimum



PAPAVER Orient.-Hybr. Nana 'Allegro'

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>PANAX ginseng - see Perennial Herbs - Culinary, Teas and Medicinal</b>							
<b>PANCRAZIUM</b> (Amaryllidaceae)							
PA 015 ☼ <b>maritimum</b> , Sand Lily, 50 cm, white, large umbels with 4-10 blossoms, evergreen, VIII-X, Z7-10	80	7/16	⊗ ⊖ ✕	245,00	30,00	3,80	9,80
<b>PAPAVER</b> (Papaveraceae)							
PA 014 <b>Alpinum-Hybr.</b> , Alpine Poppy, 25 cm, mixed colors, white, yellow, orange, VI-VII, Z4-8 . . . . .	1	15	⊗ △ ⊖	780,00	96,00	12,00	4,00
PA 018 <b>atlanticum</b> , 30 cm, light orange, VI-VIII, Z5-8 . . . . .	1	16	△	–	30,00	3,80	2,00
<b>cambricum</b> - see <b>MECONOPSIS cambrica</b>							
PA 037 <b>dubium</b> , Longhead Poppy, 40 cm, orange-red, V-VII, Z6-9 . . . . .	0,25	8	⊗ ✖ ⊖	48,00	8,00	2,00	2,00
PA 024 ☼ <b>miyabeicum 'Pacino' [Moondance]</b> , 15 cm, sulphur yellow, V-VI, Z2-8 . . . . .	0,5	15	⊗ △ ⊖	324,00	36,00	4,80	
<b>Nudicaule-Hybr. Champagne Bubbles F<sub>1</sub>-Series</b> , 35 cm, very large flowering, strong stems, very long flowering, flowers approx. 16 weeks after sowing, VI-IX, Z2-8, <b>appr. 6000 seeds = 1g</b>							
PA 027 <b>'Champagne Bubbles F<sub>1</sub> Yellow'</b>							
PA 028 <b>'Champagne Bubbles F<sub>1</sub> Orange'</b>							
PA 029 <b>'Champagne Bubbles F<sub>1</sub> Pink'</b>							
PA 033 <b>'Champagne Bubbles F<sub>1</sub> Scarlet'</b>							
PA 031 <b>'Champagne Bubbles F<sub>1</sub> White'</b>							
PA 025 <b>'Champagne Bubbles F<sub>1</sub> Citrus Mix'</b>							
PA 032 <b>'Champagne Bubbles Classic Mix'</b> . . . . .	0,3	15	✖ ⊖ ⊖	–	480,00	60,00	5,80
PA 026 <b>Nudicaule-Hybr. 'Gartenzwerg' [Gnome, Garden Gnome]</b> , 30 cm, mixture of white, yellow, orange, scarlet and shades in between, VI-IX, Z2-8 . . . . .	1	15	⊗ △ ✖	–	288,00	32,00	3,80
PA 038 <b>Nudicaule-Hybr. Deluxe Mixture</b> , 50 cm, VI-IX, Z2-8 . . . . .	1	15	⊗ △ ✖	240,00	32,00	4,00	2,00
<b>Nudicaule-Hybr. Wonderland-Series</b> , 25 cm, flowers 10 cm Ø, flowers the entire summer, V-IX, Z2-8							
PA 052 <b>'Wonderland Yellow'</b>							
PA 054 <b>'Wonderland Orange'</b>							
PA 056 <b>'Wonderland Pink Shades'</b>							
PA 050 <b>'Wonderland White'</b>							
PA 058 <b>'Wonderland Mixture'</b> . . . . .	0,3	15	△ ✖ ⊖	–	360,00	45,00	4,20
<b>Orientalis-Hybr. single colours</b> , 80 cm, large flowers, V-VI, Z3-8							
PA 062 <b>'Beauty of Livermere'</b> , dark red							
PA 066 <b>'Brilliant'</b> , fire-red							
PA 070 ☼ <b>Nana 'Allegro'</b> , only 60 cm, scarlet-red							
PA 074 <b>'Prinzessin Victoria Louise' [Coral Reef]</b> , salmon colored							
PA 060 ☼ <b>'Royal Wedding' [Choir Boy, Checkers]</b> , 80 cm, pure white with black center, V-VI, Z3-8	1	15	✖	760,00	86,00	9,60	3,20
PA 078 <b>plena 'May Queen'</b> , 80 cm, orangered double, V-VI, Z3-8							

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:							
					from 100 g	from 10 g	from 1 g	Portion				
<b>PAPAVER continuation</b>												
<b>Oriental-Hyb. Mixtures</b>												
PA 084	'Pizzicato',  50 cm, colour range of red, scarlet, orange, salmon, mauve, pink and white, dwarf and especially stable, V-VI, Z3-8.	1	15	✗	760,00	86,00	9,60	3,20				
PA 082	<b>Deluxe Mixture</b> , 80 cm, V-VI, Z3-8.	1	15	✗	192,00	24,00	3,00	2,00				
PA 106	<b>pilosum ssp. spicatum</b> , 60 cm, softly orange, large flowering, up to 12 flowers per stem, the upper most flower opens first, grey hairy leaves, VI-VIII, Z7-10	0,5	8	△	–	192,00	24,00	6,00				
PA 098	<b>rhaeticum</b> , 20 cm, golden, V-VI, Z4-8	1	9	△	–	180,00	20,00	5,00				
PA 100	<b>rheoas</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>											
PA 102	<b>rupifragum</b> , 45 cm, brilliant orange, VI-VIII, Z6-9	1	16	⊗ △	240,00	30,00	3,80	2,00				
PA 102	<b>rupifragum 'Flore Pleno'</b> [Double Tangarine Gem, Orange Feathers, Tangerine Parfait], 45 cm, brilliant orange, semi double flowers, VI-VIII, Z6-9	1	16	⊗ △ ✗	288,00	36,00	4,40	2,20				
PA 108	<b>spicatum</b> - see <b>pilosum ssp. spicatum</b>											
PA 108	<b>triniifolium</b> , 40 cm, pale orange, pyramid-like flower stems, grey-green prickly leaf-rosettes, monocarpic, unusual, VI-VII, Z6-9	0,5	16	△ *	–	–	68,00	4,50				
<b>PARADISEA (Asphodelaceae, Liliaceae)</b>												
PA 110	<b>Iliastrum 'Major'</b> ,  50 cm, white, V-VI, Z6-9	20	1	△	360,00	46,00	5,80	5,80				
PA 114	<b>Iusitanica</b> , 80 cm, white, robust, VII-VIII, Z6-9	20	1	△ ✗	180,00	24,00	3,00	3,00				
<b>PARAMECONOPSIS - see MECONOPSIS cambrica</b>												
<b>PARAQUILEGIA (Ranunculaceae)</b>												
NEW! PA 118	<b>microphylla</b> , 10 cm, bluish purple, large flowers, bluish green finely lobed foliage, rare, VI-VIII, Z5-8	0,5	8	△	–	–	76,00	9,60				
<b>PARDANCANDA (Iridaceae)</b>												
PA 120	<b>norrisii [Kiba Giants]</b> , 60 cm, mixture of yellow, red and violet shades, tiger-striped and single colored flowers ca. 8 cm Ø, seed heads suitable for flower arrangement, VI-IX, Z5-9	50	7	✗ &	256,00	32,00	4,00	6,40				
PA 122	<b>norrisii 'Dazzler'</b> ,  35 cm, rich colour mixture, dwarf and compact habit, VI-IX, Z5-9	50	7	△ ✗ &	368,00	46,00	5,80	7,80				
<b>PARIS (Trilliaceae, Liliaceae)</b>												
PA 128	<b>quadrifolia</b> , Herb Paris, 20 cm, greenish-white flower, only one leaf whorl, blue berry, VI-VII, Z5-8	10	1	‡ ✗ &	360,00	46,00	5,80	3,20				
<b>PARNASSIA (Saxifragaceae)</b>												
PA 134	<b>palustris</b> , 15 cm, white, VII-IX, Z4-8	0,25	1	*** ‡ Ca	–	324,00	36,00	4,50				
<b>PARTHENIUM (Asteraceae, Compositae)</b>												
PA 140	<b>integrifolium</b> , Wild Quinine, 90 cm, white, very aromatic, V-VII, Z3-8	5	9	✗ ‡	256,00	32,00	4,00	3,00				



PAPAVER Orient.-Hybr. 'Royal Wedding'



PAPAVER Orientale-Hybr. 'Pizzicato'



PAPAVER pilosum ssp. spicatum



PAPAVER rupifragum 'Flore Pleno'



PARADISEA lusitanica



*PARAQUILEGIA microphylla*



*PARDANCANDA norrisii*



*PARIS quadrifolia*



*PATRINIA scabiosifolia*



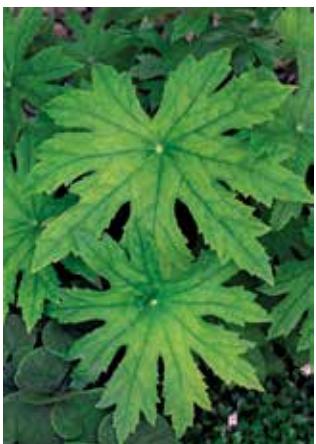
*PENSTEMON barbatus var. praecox f. nanus 'Rondo'*



*PELARGONIUM endlicherianum*



*PELTIPHYLLUM peltatum*



*PELTBOYKINIA watanabei*



*PENSTEMON alpinus*

Production – Breeding – Seed Technology			Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
						from 100 g	from 10 g	from 1 g	Portion
<b>PASSIFLORA</b> (Passifloraceae)									
PA 145 <b>caerulea</b> , (AGM), Passion Flower, climbing up to 3 m, flowers whitish with blue filaments, VI-IX, Z6-9 . . . . .	15	20	⌚⌚×		320,00	40,00	5,00	5,00	
<b>PASTINACA sativa</b> - see Organic Seed									
<b>PATRINIA</b> (Valerianaceae)									
PA 150 <b>gibbosa</b> , 40 cm, yellow, V-VII, Z5-8 . . . . .	3	9	△		360,00	45,00	5,60	4,20	
PA 154 <b>scabiosifolia</b> , 70 cm, yellow umbels, VII-VIII, Z5-8, TCM plant . . . . .	2	9	×		768,00	96,00	12,00	6,00	
PA 156 <b>villosa</b> , 70 cm, white umbels, feathered foliage, VII-VIII, Z5-8, TCM plant . . . . .	2	9	×		512,00	64,00	8,00	4,00	
<b>PEGANUM</b> (Zygophyllaceae)									
PA 165 <b>harmala</b> , Harmal, 50 cm, white, narrow feathered foliage, poisonous, VII-VIII, Z7-10 . . . . .	5	15	↖↖ ⓘ ↗		192,00	24,00	3,00	2,30	
<b>PELARGONIUM</b> (Geraniaceae)									
PA 158 <b>endlicherianum</b> , 15 cm, deep pink, lime loving, VI-VIII, Z7-9 . . . . .	20	9	△ ▲		1280,00	160,00	20,00	9,80	
<b>PELTiphyllum</b> (Saxifragaceae)									
PA 160 <b>peitatum (DARMERA)</b> , (AGM), 100 cm, pink, decorative leaves appear after flowers, IV-V, Z5-8 . . . . .	1	15	❀❀		-	96,00	12,00	4,00	
<b>PELToboykinia</b> (Saxifragaceae)									
PA 170 <b>tellimoides (BOYKINIA)</b> , 80 cm, yellow, large blossoms, very decorative leaves, VI-VII, Z3-9 . . . . .	0,25	9	✿✿		-	192,00	24,00	3,00	
PA 172 <b>watanabei</b> , 50 cm, cream-yellow, shield-like glossy foliage, VI-VII, Z3-9 . . . . .	0,25	1	✿✿		-	256,00	32,00	4,00	
<b>PENstemon</b> (Scrophulariaceae)									
PA 182 <b>alpinus (brandegei)</b> , 30 cm, bright blue to blue-violet, V-VII, Z4-9 . . . . .	3	1	✿✿△		720,00	90,00	12,00	3,20	
PA 186 <b>angustifolius</b> , Narrowleaf Beard Tongue, 30 cm, brilliant blue colours, evergreen rosettes, VI-VIII, Z4-10 . . . . .	5	1	△		240,00	32,00	4,00	2,40	
<b>arizonicus</b> - see <b>whippleanus</b>									
<b>barbatus f. nanus Pinacolada-Series</b> , 20 cm, brilliant colors, large inflorescence, densely branched flowering stems, compact habit, abundant flowering and vigorous, first year flowering, perfect for pot production and rock gardens, V-IX, Z3-9									
NEW! PA 191 <b>'Pinacolada Dark Rose Shades'</b> , dark rose colors									
NEW! PA 192 <b>'Pinacolada Rosy Red Shades'</b> , rosy-red colors									
NEW! PA 194 <b>'Pinacolada Violet Shades'</b> , violet colors									
NEW! PA 195 <b>'Pinacolada White Shades'</b> , white colors									
PA 188 <b>barbatus ssp. coccineus [Jingle Bells]</b> , 150 cm, scarlet, VII-IX, Z3-8 . . . . .	3	15	✿✿×		98,00	14,00	2,00	2,00	
PA 196 <b>barbatus var. praecox f. nanus 'Rondo'</b> , 40 cm, blossoms around the stem, mixture of pink, red and violet colors, VII-IX, Z3-8 . . . . .	3	16	✖✖		240,00	32,00	4,00	2,00	
PA 200 <b>cobaea</b> , 50 cm, lilac-rose to white, large flowering, VII-VIII, Z4-8 ( <i>s. also GOLD NUGGET SEED®</i> ) . . . . .	3	8	✖		-	48,00	6,00	3,00	
PA 203 <b>confertus</b> , 30 cm, light yellow, V-VII, Z3-8 . . . . .	3	8	△		192,00	24,00	3,00	2,00	
PA 205 <b>cyananthus</b> , 40 cm, brilliant blue, blue-green foliage, VI-VIII, Z4-8 . . . . .	2	8	△		176,00	22,00	3,00	2,00	
<b>diffusus</b> - see <b>serrulatus</b>									
PA 208 <b>digitalis</b> , 100 cm, white with pink flush, glossy green leaves, VI-VIII, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	2	8	✖		240,00	32,00	4,00	2,00	
PA 209 <b>digitalis 'Husker Red Superior Strain'</b> , (PPA), 100 cm, white, bronze-purple foliage, VI-VIII, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	2	8	✿✖		540,00	68,00	8,40	4,20	
PA 210 <b>eatonii</b> , Eaton's Firecracker, Firecracker Beardtongue, 60 cm, scarlet, V-VII, Z4-9 . . . . .	3	1	✖△		-	48,00	6,00	3,00	
<b>fruticosus</b> - see <b>scouleri</b>									
<b>glaucus</b> - see <b>speciosus</b>									
PA 218 <b>grandiflorus</b> , Large Flowered Beard Tongue, 100 cm, lavender-blue, large flowering, blue-green foliage, VI-VIII, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	5	8	✖		182,00	26,00	3,80	2,00	
PA 219 <b>grandiflorus Prairie Jewel® [War Axe]</b> , (PS), 60 cm, selected large flowering strain with a colour range of pure white to lavender coloured, pink, blue to dark violet purple, silver-green leaf rosettes, V-VIII, Z3-9 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	5	8	✿✖		610,00	76,00	9,60	4,80	
PA 225 <b>hartwegii 'Giganteus'</b> , 75 cm, large flowering color mix, red, pink, violet, blue, VI-IX, Z8-10 . . . . .	2	16	✖✖		996,00	124,00	16,00	4,00	
PA 222 <b>heterophyllus 'Blue Springs' [Electric Blue]</b> , 40 cm, azure blue, large flowering, narrow foliage, VI-VIII, Z6-10 . . . . .	3	8	△		-	-	-	6,20	
PA 224 <b>heterophyllus 'Züriblau'</b> , 50 cm, gentian-blue, very abundant flowers, VI-VII, Z5-9 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	3	8	✖		384,00	48,00	6,00	3,00	
PA 229 <b>hirsutus</b> var. <b>pygmoeus</b> , 15 cm, violet, VI-VIII, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	2	8	△ Ⓜ		768,00	96,00	12,00	6,00	
PA 231 <b>hirsutus</b> var. <b>pygmoeus f. album</b> , (JEL), 15 cm, pure white, compact, VI-VIII, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	2	8	△ Ⓜ		768,00	96,00	12,00	6,00	
PA 221 <b>mensarum</b> , Grand Mesa Beard Tongue, (PS), 40 cm, brilliant gentian blue, abundant flowering, shiny green foliage, V-VIII, Z3-9 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	2	8	△		-	86,00	9,60	4,80	
PA 234 <b>x mexicale 'Sunburst Amethyst'</b> , (JEL) (SU), 50 cm, purple colored tubular-shaped blossoms with white center, rich flowering, healthy, narrow, glossy foliage, VI-IX, Z5-8 . . . . .	1	16	ⓐ△ⓐ✖		1536,00	192,00	24,00	4,00	
PA 233 <b>x mexicale 'Sunburst Ruby'</b> , (JEL), 40 cm, ruby-red tubular-shaped blossoms with white center, rich flowering, healthy, narrow, glossy green foliage, VI-IX, Z5-8 . . . . .	1	16	ⓐ△ⓐ✖		1536,00	192,00	24,00	4,00	
PA 237 <b>x mexicale 'Sunburst Colours'</b> , , 45 cm, brilliant colours, pink, red, lavender coloured to purple flowers, most with a white center, rich flowering, healthy, narrow glossy green foliage, VI-IX, Z5-8 . . . . .	2	9	△✖		-	48,00	6,00	3,00	
PA 236 <b>ovatus</b> , 100 cm, ultramarine blue to purple-rose, V-VI, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	3	8	✖		560,00	72,00	9,20	3,20	
PA 238 <b>parryi</b> , 45 cm, dark rose, attractive, IV-VI, Z7-9 . . . . .	2	8	△✖		208,00	26,00	3,40	2,00	
PA 240 <b>pinifolius</b> , (AGM), 20 cm, brilliant orange-red flowers, needle-like evergreen foliage, VI-IX, Z5-9 . . . . .	1	16	△		738,00	82,00	9,20	4,60	
PA 242 <b>pinifolius 'Mersea Yellow'</b> , 20 cm, brilliant yellow, evergreen, VI-IX, Z5-9 . . . . .	1	16	△		1152,00	144,00	18,00	4,50	
PA 241 <b>pseudospectabilis</b> , (PS), Desert Beardtongue, 80 cm, intense deep pink, grey-bluish foliage, V-VII, Z5-9 <i>(see also Organic-Seeds)</i> . . . . .	2	9	△✖		-	256,00	32,00	8,00	
<b>pubescens</b> - see <b>hirsutus</b>									
PA 246 <b>richardsonii</b> , 45 cm, purple-red, VI-VIII, Z6-9 . . . . .	2	8			-	58,00	7,20	3,60	
PA 248 <b>scouleri (fruticosus)</b> , (AGM), 30 cm, purple-violet flower panicles, wintergreen foliage, shrubby, V-VII, Z4-8 . . . . .	1	8	△ ⓘ		-	72,00	9,00	4,50	
PA 206 <b>serrulatus (diffusus)</b> , 40 cm, light blue, VIII-IX, Z4-8 . . . . .	2	8	△✖		-	82,00	9,20	4,60	

continued on the following page



PENSTEMON angustifolius



PENSTEMON cobaea



PENSTEMON grandiflorus Prairie Jewel<sup>®</sup>



PENSTEMON digitalis 'Husker Red Superior Strain'



PENSTEMON eatonii



PENSTEMON hirsutus var. pygmaeus



PENSTEMON mensarum



PENSTEMON x mexicale 'Sunburst Ruby'



PENSTEMON x mex. 'Sunburst Amethyst'



PENSTEMON ovatus

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>PENSTEMON continuation</b>								
PA 204	<i>serrulatus 'Albus'</i> , 40 cm, pure white, VII-IX, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	2	8	△ ✕	768,00	96,00	12,00	6,00
PA 250	<i>smallii [Violet Dust]</i> , 60 cm, brilliant purple-lilac with white throat, rich flowering, VII-IX, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	3	8	△ ✕	384,00	48,00	6,00	3,00
PA 243	<i>spectabilis</i> , Royal Beard Tongue, 90 cm, violet-blue, grey-green foliage, VI-VII, Z7-10 . . . . .	3	1	△ ✕	240,00	32,00	4,00	2,40
PA 257	<i>speciosus (glaucus)</i> , Royal Penstemon, 40 cm, intense blue-violet, upright habit, V-VII, Z5-9 . . . . .	5	8	△	560,00	72,00	9,20	4,60
PA 256	<i>strictus [Bandera]</i> , 45 cm, blue-violet, VII-VIII, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	3	8	△	126,00	18,00	2,40	2,00
PA 232	<i>superbus</i> , Superb Beardtongue, 80 cm, coral red, blue-green foliage, V-VII, Z4-9 . . . . .	2	9	△ ✕	560,00	72,00	9,00	4,50
PA 251	<i>venustus</i> , 40 cm, purple-violet, rich flowering, V-VII, Z4-7 . . . . .	1	8	△	360,00	45,00	5,80	2,90
PA 235	<i>virens</i> , Blue Mist Beardtongue, 40 cm, bright deep blue, matforming, V-VI, Z4-8 . . . . .	0,5	9	△ ↗	–	76,00	9,00	3,20
PA 253	<i>virgatus</i> , 30 cm, violet-purple, vigorous foliage, dense flower stalks with large blossoms, VI-VII, Z4-8 . . . . .	1	1	△ ⚡	–	72,00	9,00	3,20
PA 254	<i>virgatus (deaveri) 'Blue Buckle'</i> , 30 cm, blue-purple, large flowering, dense panicles, narrow and glossy dark green foliage, VII-IX, Z5-8 . . . . .	3	15	△	580,00	72,00	9,00	4,50
PA 252	<i>watsonii</i> , Watson's Beard Tongue, 40 cm, dark blue, lanceolate foliage, VI-VIII, Z3-9 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	1	8	△	–	124,00	16,00	4,20
PA 258	<i>whippleanus [Chocolate Drop]</i> , 20 cm, purple-blue, VI-VII, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	2	9	△ ✕ ↗	768,00	96,00	12,00	6,00



PENSTEMON parryi



PENSTEMON pinifolius



PENSTEMON pinifolius 'Mersea Yellow'



PENSTEMON pseudospectabilis



PENSTEMON superbus



PENSTEMON serrulatus 'Albus'



PENSTEMON spectabilis



PENSTEMON strictus



PENSTEMON virens



PENSTEMON virgatus 'Blue Buckle'



PENSTEMON watsonii



PENSTEMON whippleanus

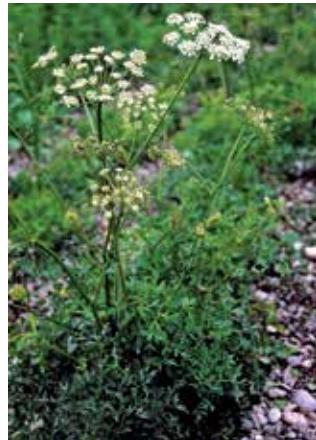


PETALOSTEMON candidum

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>PENTHORUM</b> (Penthoraceae)									
PA 268	<b>sedoides</b> , 45 cm, yellow-green, flower heads mindful of Sedum, dense clumps, nice fall-color, V-VII, Z5-8 . . . . .	0,1	1	×	–	48,00	7,00	2,00	
<b>PERILLA frutescens</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed									
PEROVSKIA (Lamiaceae, Labiateae)									
PA 259	<b>atriplicifolia</b> [Taiga], (PPA), 120 cm, heavenly blue, variable, VII-IX, Z4-8 . . . . .	2	15	⊗	–	560,00	68,00	4,90	
<b>PERSICARIA</b> - see POLYGONUM									
<b>PETALOSTEMON (DALEA)</b> (Papilionaceae, Leguminosae)									
PA 260	<b>candidum</b> , 45 cm, white flower spikes, V-IX, Z4-8, . . . . .	pure seed	3	15	×	196,00	28,00	4,00	2,00
PA 261	<b>purpureum</b> , 60 cm, rosy-purple, in 6 cm long cylindrical heads, VII, Z4-8, . . . . .	pure seed	3	15	×	196,00	28,00	4,00	2,00
PA 263	<b>purpureum 'Stephanie'</b> , 40 cm, bright lavender-purple, rich flowering spikes, compact and sturdy selection with darker foliage. Bred by Dale Lindgren of Nebraska University, VI-VIII, Z4-8, . . . . .	pure seed	3	9	△ ⊗	620,00	78,00	9,60	3,20
<b>PETASITES</b> (Asteraceae, Compositae)									
PA 264	<b>albus</b> , 30 cm, white, bell shaped umbels, grey felt-like foliage, II-IV, Z4-8. . . . .		1	8	❀	240,00	30,00	3,80	2,00
	<b>hybridus</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>PETROPHYTUM</b> (Rosaceae)									
PA 269	<b>caespitosum</b> , 10 cm, white panicles, tight cushions, VI-VIII, Z3-8. . . . .		0,5	16	△	–	–	32,00	4,00
<b>PETRORHAGIA</b> (Caryophyllaceae)									
TA 280	<b>saxifraga</b> (TUNICA) [Baby Breath], (AGM), 20 cm, pink, VI-IX, Z5-8 . . . . .		1	15	⊗ △	112,00	16,00	2,00	2,00
<b>PETROSEDUM</b> - see SEDUM									
<b>PETROSELINUM</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed									
<b>PEUCEDANUM</b> (Apiaceae, Umbelliferae)									
PA 272	<b>officinale</b> , 120 cm, white, loose umbels, leathery, finely divided leaves, VII-IX, Z4-8. . . . .		20	1	◆ Sol ⊗	256,00	32,00	4,00	4,00
PA 271	<b>oreoselinum</b> , Mountain Hog's Fennel, 60 cm, white umbels, glossy feathered foliage, VII-IX, Z5-8 . . . . .		15	1	◆	112,00	14,00	2,00	2,00
PA 274	<b>ostruthium</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
	<b>verticillare</b> , 170 cm, yellow-green umbels, richly branched, purple stems, VII-VIII, Z6-8 . . . . .		10	9	Sol ⊗	96,00	12,00	2,00	2,00



**PETALOSTEMON purpureum 'Stephanie'**



**PEUCEDANUM oreoselinum**



**PHACELIA sericea**



**PHLOMIS russeliana**



**PHLOMIS tuberosa**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>PHACELIA</b> (Hydrophyllaceae)								
PA 280	sericea, 25 cm, blue-purple, dense clusters, grey-leaved, VI-VIII, Z3-8 (see also GOLD NUGGET SEED®).	1	9	△	768,00	86,00	12,00	8,00
	tanacetifolia - see Organic Seed							
<b>PHEDIMUS</b> - see <b>SEDUM</b>								
<b>PHLOMIS</b> (Lamiaceae, Labiateae)								
PA 287	cashmeriana, 60 cm, light lilac, VII-VIII, Z6-10	15	8	✗	56,00	7,00	5,30	
PA 290	fruticosa, 75 cm, yellow, felt-like foliage, VI-VII, Z6-9 (see also GOLD NUGGET SEED®).	25	8	✗	32,00	4,20	4,20	
PA 294	russeliana (samia hort.), 100 cm, yellow, decorative fruit-stalks, VI-VIII, Z6-9 (see also GOLD NUGGET SEED®).	25	8	✗	192,00	24,00	3,00	3,00
PA 295	samia (true), 150 cm, dull purple, grey-green foliage, VII-IX, Z6-9	30	8	✗	256,00	32,00	4,20	4,20
PA 296	tuberosa [Bronze Flamingo], 100 cm, violet, VI-VII, Z5-9	15	15	✗	384,00	48,00	6,00	4,80
<b>PHLOX</b> (Polemoniaceae)								
PA 300	paniculata 'New Hybrids', 90 cm, mixed colors, large flowers, VII-X, Z4-8	30	1	✗ ⚡	160,00	20,00	2,50	2,50
PA 308	pilosa, Prairie Phlox, 30 cm, purple-pink, rich flowering, lanceolate foliage, IV-VI, Z4-7	10	15	△	–	192,00	24,00	6,80
<b>PHORMIUM</b> (Phormiaceae, Agavaceae)								
PA 323	cookianum (coleosoi), 150 cm, greenish-yellow to orange flower panicles, broad leaves, VI-VIII, Z7-10	10	8	□ Sol	128,00	16,00	2,00	2,00
PA 324	cookianum 'Purpureum', 150 cm, yellow-orange flower panicles, reddish-brown broad leaves, variabel, VI-VIII, Z7-10	10	8	□ Sol	392,00	56,00	8,00	8,00
PA 325	tenax, (AGM), wide leaves up to 150 cm with red-brown veins, yellow-orange flower panicles up to 200 cm, VI-VIII, Z7-10	20	9	□ Sol N	54,00	8,00	2,00	2,00
PA 328	tenax 'New Hybrids' [Rainbow Striped Hybr.], 150 cm, various foliage color, silver, green, yellow, bronze colored, red and also variegated, VI-VIII, Z7-10	20	8	□ Sol	128,00	16,00	2,00	2,00
PA 326	tenax 'Purpureum', (AGM), wide, red-brown leaves up to 150 cm, yellow-orange flower panicles, approx. 80% red leaved, VI-VIII, Z7-10	15	9	□ Sol	152,00	20,00	2,60	2,60
<b>PHUOPSIS</b> (Rubiaceae)								
PA 310	stylosa (CRUCIANELLA) [Pretty Pink], 20 cm, purple-rose, V-VIII, Z5-9	3	15	IV ⚡	256,00	32,00	4,00	2,00
<b>PHYGELIUS</b> (Scrophulariaceae)								
PA 318	aequalis [Yellow Trumpet], 80 cm, pure yellow, VI-X, Z7-10	0,25	20	□ △ ✗	–	288,00	36,00	8,00
PA 320	capensis, (AGM), 80 cm, scarlet with yellow throat, VI-IX, Z7-10	0,25	20	△	–	224,00	28,00	7,00

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>PHYSALIS</b> (Solanaceae)								
PA 330	alkekengi var. <i>franchetii</i> 'Gigantea' [Winter Cherry], Chinese Lantern, Bladder Cherry, 100 cm, large, red fruits, VI-VII, Z3-9 (see also Organic- Seeds)	5	9	❖×\$①❖	72,00	12,00	2,00	2,00
PA 334	alkekengi var. <i>franchetii</i> 'Zwerg' [Gnome], 20 cm, large orange-red fruits, well suited for containers, VI-VII, Z3-9 (see also GOLD NUGGET SEED®)	5	9	❖△①①	256,00	32,00	4,00	2,00
<b>PHYSOCHLAINA</b> (Solanaceae)								
PA 338	orientalis, 50 cm, purple, triangular ovate leaves, V-VI, Z6-9	8	16	△ ❁	–	–	24,00	7,80
<b>PHYSOPLEXIS</b> (Campanulaceae)								
PA 340	comosa (PHYTEUMA comosum), (AGM), Devil's Claw, 10 cm, cushions, dark purple, VI-VII, Z5-8	0,25	1	△ □	–	1580,00	198,00	9,80
<b>PHYSOSTEGIA</b> (Lamiaceae, Labiateae)								
PA 350	virginiana 'Alba' [Schneekrone, Snow Crown, White Queen], White Obedient Plant, 75 cm, large blossoms, vigorous panicles, VII-IX, Z4-9	6	16	✖ ③	256,00	32,00	4,20	2,10
PA 360	virginiana 'Rosea' [Rose Queen, Rose Crown], 75 cm, intense pink, VII-IX, Z4-9 (see also GOLD NUGGET SEED®)	6	8	✖ ③	256,00	32,00	4,20	2,10
<b>PHYTEUMA</b> (Campanulaceae)								
PA 368	betonicifolium, Betonian Rampion, 40 cm, blue-violet, candle like flower heads, persistent flowering, V-VIII, Z4-9	0,25	1	△ ✖	–	–	28,00	3,60
	canescens - see ASYNEUMA							
PA 370	comosum - see PHYSOPLEXIS							
PA 370	hemisphaericum, 25 cm, blue-violet, V-VII, Z5-8	0,5	4/16	△ ❁	–	–	48,00	6,00
PA 378	scheuchzeri, 20 cm, deep blue, ball-shaped blossoms, VI-VII, Z5-8	0,5	4/16	❶ △	768,00	96,00	12,00	3,20
PA 382	spicatum, 80 cm, cream-white, cylindrical blossom heads, V-VI, Z5-8	0,5	4/9	△	–	78,00	9,80	3,20
PA 384	spicatum ssp. <i>coeruleum</i> , 60 cm, blue form, V-VI, Z5-8	0,5	4/9	△	–	96,00	12,00	3,20
<b>PHYTOLACCA</b> (Phytolaccaceae)								
PA 388	acinosa (esculenta), 100 cm, white, black berries, VI-X, Z6-10	25	1	❖ Sol \$ ④	128,00	16,00	2,00	2,00
PA 390	americana, 200 cm, white, black berries on pendulous fruit-stalks, VI-X, Z4-9	25	1	❖ Sol \$ ④ ❁	72,00	12,00	2,00	2,00
PA 389	americana f. <i>variegata</i> 'Silberstein', 180 cm, white, yellow-green marbled and spotted foliage, black berries, slow growing, VI-X, Z4-9	25	1	❶ Sol & ❁	336,00	42,00	6,00	4,80
<b>PILOSELLA</b>								
	aurantiacum - see HIERACIUM aurantiacum							
	officinarum - see HIERACIUM pilosella							
<b>PIMPINELLA</b> (Apiaceae, Umbelliferae)								
	anisum - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
PA 391	major 'Rosea', 80 cm, rosy-red umbels, feathered foliage, VI-IX, Z5-8	5	9	✖ ❁	768,00	96,00	12,00	6,00
	saxifraga - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							



PHORMIUM tenax 'Purpureum'



PHUOPSIS stylosa



PHYSALIS alkekengi var. franchetii 'Zwerg'



PHYSOCHLAINA orientalis



PHYTEUMA betonicifolium



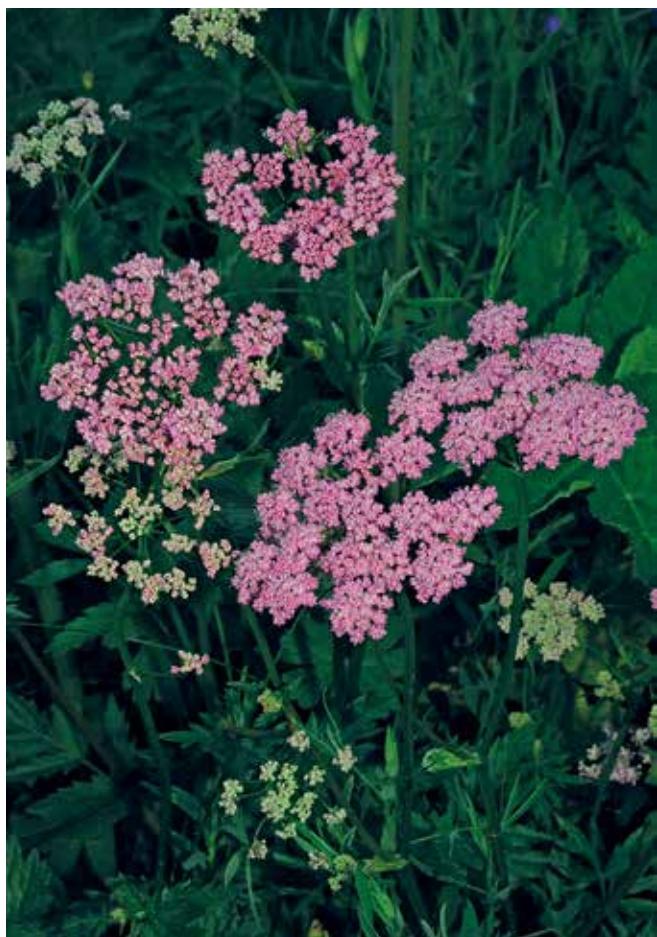
*PHYSOPLEXIS comosa*



*PHYTOLACCA acinosa*



*PHYTOLACCA americana 'Silberstein'*



*PIMPINELLA major 'Rosea'*



*PHYTEUMA scheuchzeri*



*PLANTAGO nivalis*

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>PLANTAGO</b> (Plantaginaceae)								
<i>asiatica</i> - see <b>Organic Seed</b>								
<i>coronopus, lanceolata, major</i> - see <b>Perennial Herbs + Organic Seed</b>								
<i>media</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>								
PA 402	■ <i>nivalis</i> , 15 cm, white, dense silvery-pubescent rosettes, protect from winter wetness, VII-VIII, Z5-8	3	15	Ca △	–	–	24,00	6,00
PA 409	■ <i>sempervirens</i> , 30 cm, yellowish, dwarf shrub with narrow-lanceolate foliage, curiosity, VI-VIII, Z6-9	5	9	Ca △	384,00	48,00	6,00	3,00
PA 407	■ <i>subulata</i> , Awl leaved Plantain, 15 cm, yellow, dense rosettes with linear foliage, cushion plant, V-VIII, Z5-8	2	15	△ □	–	48,00	6,00	3,00
<b>PLATYCODON</b> (Campanulaceae)								
PA 406	■ <i>grandiflorus apoyama</i> 'Fairy Snow', ■, 25 cm, white, blue veined, steady, VI-VIII, Z3-8 ... <i>grandiflorus</i> 'Mariesii' - s. <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>	3	15	⊗ △ ⊖	384,00	48,00	6,00	3,00
<i>grandiflorus F.-Hybr. Astra-Series</i> , 10 cm, especially dwarf and compact, ideal for use as pot-plant, blooms in the first year, VI-VIII, Z3-8								
PA 445	■ 'Astra Blue-semi-double'	}	1,5	15	⊗ △ ⊖	–	72,00	7,80
PA 446	■ 'Astra Blue'							
PA 448	'Astra Pink'							
PA 451	'Astra Pink-semi-double'							
PA 447	'Astra White'							
PA 452	'Astra White-semi-double'							
PA 418	■ <i>grandiflorus</i> 'Fuji Blue' [Florist Blue], 50 cm, deep blue, VI-VIII, Z3-8	3	15	⊗	256,00	32,00	4,00	2,00
PA 422	■ <i>grandiflorus</i> 'Fuji Pink' [Florist Pink], 50 cm, beautiful pink, VI-VIII, Z3-8							
PA 426	■ <i>grandiflorus</i> 'Fuji White' [Florist White], 50 cm, pure white, VI-VIII, Z3-8							
PA 430	■ <i>grandiflorus</i> 'Hakone Blue', 50 cm, blue, double blossom leaves, VI-VIII, Z3-8	3	15	⊗	384,00	48,00	6,00	3,00
PA 432	■ <i>grandiflorus</i> 'Hakone White', ■, 50 cm, pure white, double blossom leaves, VI-VIII, Z3-8	2	15	⊗	384,00	48,00	6,00	3,00
PA 440	■ <i>grandiflorus</i> 'Zwerg', 20 cm, large blue blossoms, blooms in the first year, VI-VIII, Z3-8	3	15	△ ⊖ ⊖	–	162,00	18,00	4,50
PA 442	■ <i>grandiflorus</i> 'Mixed Hybrids', 50 cm, mixed colors, VI-VIII, Z3-8	3	15	⊗	128,00	16,00	2,00	2,00
<b>PODOPHYLLUM</b> (Berberidaceae)								
PA 470	■ <i>hexandrum</i> ( <b>SINOPODOPHYLLUM</b> ), 50 cm, pink, red fruits in summer, IV-V, Z5-8	100	1	‡ & ✕	–	24,00	3,80	3,80
<b>POLEMONIUM</b> (Polemoniaceae)								
PA 476	■ <i>boreale</i> 'Heavenly Habit' [Bambino Blue, Tricolor, Azuro, Blue Whirl], ■, 30 cm, violet-blue, yellow eye, compact, reblooms after dead-heading, VI-VIII, Z3-8	3	15	△ ⊖	320,00	40,00	5,00	2,50
PA 480	■ <i>caeruleum</i> [Blue Pearl], Jacob's Ladder, 60 cm, lavender-blue, abundant flowers, VI-VII, Z2-8 (see also <b>Organic-Seeds</b> )	3	15	‡ ✕ ⊖ ✦	160,00	20,00	2,50	2,00
PA 482	■ <i>caeruleum</i> f. <i>album</i> [White Pearl], 60 cm, white, abundant flowers, VI-VII, Z2-8	3	15	✖ ⊖	160,00	20,00	2,50	2,00



PLANTAGO subulata



PLATYCODON 'Astra Blue-semi double'



PLATYCODON grandiflorus 'Astra Blue'



PLATYCODON grandiflorus 'Fuji Blue'



PLATYCODON grandiflorus 'Fuji Pink'



PLATYCODON grandiflorus 'Fuji White'



PLATYCODON grandiflorus 'Hakone White'



POLEMONIUM boreale 'Heavenly Habit'

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>POLEMONIUM continuation</b>								
PA 494	<i>caeruleum f. dissectum</i> 'Filigree Clouds',  50 cm, brilliant white flower clusters, strong stems, rich flowering, double split pinnatifid leaves, like fern fronds, exquisite foliage clumps, VI-VIII, Z3-8 . . . . .	2	15		1790,00	224,00	28,00	6,00
PA 493	<i>caeruleum f. dissectum</i> 'Filigree Skies',  50 cm, violet-blue flower clusters, strong stems, rich flowering, double split pinnatifid leaves like fern fronds, exquisite foliage clumps, VI-VIII, Z3-8 . . . . .	2	15		1790,00	224,00	28,00	6,00
PA 479	<i>carneum</i> [ <i>Apricot Delight</i> ], 40 cm, yellowish-pink, V-VII, Z4-8 ( <i>s. also GOLD NUGGET SEED®</i> )	3	1		896,00	98,00	12,00	6,00
PA 483	<i>cashmerianum</i> , 40 cm, large, brilliant blue flowers, V-VII, Z5-9 . . . . .	3	14		1458,00	162,00	18,00	9,00
PA 487	<i>foliosissimum</i> , 80 cm, soft lilac, fern-like foliage, VII-VIII, Z6-8 . . . . .	2	9		576,00	72,00	9,00	4,50
PA 488	<i>pauciflorum</i> [ <i>Sulphur Trumpets</i> ], 40 cm, yellow, tubular blossoms, VI-VII, Z6-9 . . . . .	3	15		480,00	64,00	8,00	4,00
PA 492	<i>pulcherrimum</i> , 25 cm, blue with light eye, feathery foliage, compact, V-VII, Z4-8 . . . . .	1	1		—	—	24,00	4,00
PA 496	<i>reptans</i> , 40 cm, light blue, IV-V, Z3-8 . . . . .	3	15		512,00	64,00	8,00	4,00
PA 490	<i>yezoense</i> 'Purple Rain Strain',  50 cm, violet, large flowers, leaves during winter until early summer reddish purple, mostly with dark stems, in summer and in shady locations turning green, variable, reblooms after dead-heading, VI-VII, Z4-9 . . . . .	3	15		320,00	40,00	5,00	2,50
<b>POLLIA</b> (Commelinaceae)								
PA 499	<i>japonica</i> , 40 cm, white, glossy ginger-like foliage, blue berries, VI-VIII, Z5-9 . . . . .	5	15		1536,00	192,00	24,00	6,00
<b>POLYGALA</b> (Polygalaceae)								
PA 498	<i>chamaebuxus</i> ,  Shrubby Milkwort, 20 cm, white-yellow, evergreen, V-IX, Z4-8 . . . . .	15	1		—	288,00	36,00	9,00
<b>POLYGONATUM</b> (Convallariaceae, Liliaceae)								
PA 502	<i>falcatum</i> , 40 cm, greenish-white, V-VI, Z4-8 . . . . .	50	1/6		—	18,00	3,00	5,40
PA 504	<i>latifolium</i> ( <i>hirtum</i> ), 40 cm, white, V-VI, Z4-8 . . . . .	50	1/6		72,00	12,00	2,00	3,50
PA 508	<i>multiflorum</i> , 60 cm, white, blossoms hang in clusters of 3-5, V-VI, Z3-8 . . . . .	50	1/6		72,00	12,00	2,00	3,50
PA 512	<i>odoratum</i> ( <i>officinale</i> ),  Solomon's Seal, 40 cm, white, V-VI, Z3-8 . . . . .	50	1/6		72,00	12,00	2,00	3,50
<b>POLYGONUM</b> (Polygonaceae)								
PA 520	<i>bistorta</i> ( <i>BISTORTA officinalis</i> ), Bistort, Snakeweed, 70 cm, pink, V-VIII, Z3-9 . . . . .	10	1		144,00	18,00	2,40	2,40
PA 524	<i>capitatum</i> ( <i>PERSICARIA</i> ) [ <i>Afghan, Pink Pinheads</i> ], 10 cm, round blossom heads, pink, reddish-brown marked leaves, for hanging basket, also cultivated as annual, IV-X, Z7-9, . . . . .	pure seed	16		192,00	24,00	3,00	2,00
PA 530	<i>virginianum</i> ( <i>filiforme</i> ) ( <i>PERSICARIA</i> ), 50 cm, red, VII-VIII, Z4-9 . . . . .	4	9		400,00	50,00	6,20	3,10
NEW! PA 532	<i>virginianum</i> 'Variegatum' [ <i>Painter's Palette</i> ], 50 cm, red, white-green-yellow marbled foliage, VII-VIII, Z4-9 . . . . .	5	1		—	78,00	9,80	4,60
PA 536	<i>weyrichii</i> ( <i>ACONOGONUM</i> , <i>PERSICARIA</i> ), 120 cm, white, grey feltlike foliage, VIII-IX, Z4-9 . . . . .	6	15		192,00	24,00	3,00	3,00
<b>PONTECHIUM maculatum</b> - see <b>ECHIUM russicum</b>								
<b>PORTERANTHUS</b> - see <b>GILLENA</b>								



PODOPHYLLUM hexandrum



POLEMONIUM caer. f. diss. 'Filigree Clouds'



POLEMONIUM caer. f. diss. 'Filigree Skies'



POLEMONIUM carneum



POLEMONIUM pauciflorum



POLEMONIUM yezoense 'Purple Rain Strain'



POLYGONUM bistorta



POLYGONUM virginianum



POLYGONUM virginianum 'Variegatum'



POTENTILLA atrosang. 'Golden Starlit'

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>POTENTILLA (Rosaceae)</b>									
PA 560		anserina, Goose Grass, 10 cm, golden, green feathered foliage, silvery underneath, V-IX, Z3-9 <i>(see also GOLD NUGGET SEED®)</i>	5	1	vv \$	680,00	98,00	14,00	7,00
PA 564		argentea, 25 cm, yellow, silver-grey foliage, V-VIII, Z4-8 <i>(see also Organic-Seeds)</i>	1	16	△	96,00	14,00	2,00	2,00
PA 572		atrosanguinea var. argyrophylla [Orange Starlit], 40 cm, yellow-orange with red eye, VI-VIII, Z5-8	1	16	△	405,00	54,00	7,20	3,60
PA 573		atrosanguinea var. argyrophylla 'Golden Starlit',  30 cm, bright pure golden blossoms, large flowering, glossy, silky hairy foliage, white tomentose beneath three segmented and toothed basal leaves, compact habit, dense foliage clumps, VI-VIII, Z5-8	1	16	△ *	768,00	96,00	12,00	4,00
PA 574		atrosanguinea var. argyrophylla 'Scarlet Starlit',  30 cm, bright pure scarlet red blossoms, large flowering, glossy, silky hairy foliage, white tomentose beneath three segmented and toothed basal leaves, compact habit, dense foliage clumps, VI-VIII, Z5-8	1	16	△ *	768,00	96,00	12,00	4,00
PA 576		atrosanguinea 'Red', 60 cm, scarlet-red, VI-VII, Z5-8	1	16	△	405,00	54,00	7,20	3,60
PA 580		aurea, 15 cm, golden, shiny foliage, VI-VII, Z5-8	1	16	△	405,00	54,00	7,20	3,60
PA 568		calabria, 15 cm, yellow, large flowering, compact, silver-grey foliage, V-VIII, Z6-8	1	16	△ vv	—	64,00	8,00	3,00
PA 584		crantzii, 15 cm, yellow, IV-V, Z3-8	1	16	△	384,00	48,00	6,00	3,00
PA 594		erecta - see Perennial Herbs - Culinary, Teas and Medicinal fragiformis - see megalantha							
PA 596		gracilis, 50 cm, yellow, VI-IX, Z4-8	1	16	△	200,00	24,60	3,10	2,00
PA 605		hyparctica, 10 cm, yellow, dense cushions, V-VII, Z3-8	1	16	△	—	68,00	8,60	4,30
PA 592		megalantha (fragiformis),  40 cm, yellow, VI-VII, Z5-8	1	16	△	144,00	18,00	2,60	2,00
PA 594		megalantha 'Gold Sovereign', 30 cm, golden, large flowering, feltlike foliage, compact, V-VII, Z5-8	1	16	△ vv	—	64,00	8,00	4,00
PA 607		nepalensis 'Helen Jane', 30 cm, brilliant pink with red eye, compact habit, V-VII, Z5-8	1	16	△ □	320,00	40,00	5,00	2,50
PA 608		nepalensis 'Miss Willmott',  40 cm, carmine-rose, V-VII, Z5-8	1	16	△	144,00	18,00	2,60	2,00
PA 609		nepalensis 'Ron McBeath',  30 cm, carmine-red, more compact than 'Miss Willmott', V-VII, Z5-8	1	16	△	320,00	40,00	5,00	2,50
PA 610		nepalensis 'Roxana', 40 cm, yellowish-pink with dark center, VI-IX, Z5-8	1	16	△	144,00	16,00	2,00	2,00
PA 606		nepalensis 'Shogran',  15 cm, brilliant carmine-rose, dwarf and compact, V-VII, Z5-8	1	16	△ □	512,00	64,00	8,00	4,00
PA 632		neumanniana (tabernaemontani, verna), 15 cm, golden, IV-V, Z4-8	1	16	△ vv	256,00	32,00	4,00	2,00
PA 612		palustris (COMARUM palustre), Blood Eye, 25 cm, purple, VI-VII, Z3-8	1	8	***	—	—	12,00	4,00
PA 616		pyrenaica, 30 cm, golden, large flowering, loose cushions, dark-green foliage, underside grey, VI-VIII, Z5-8	2	16	△	304,00	38,00	4,80	2,40
PA 620		recta (sulphurea), 40 cm, light yellow, upright habit, VI-VIII, Z3-8	2	16	△	144,00	18,00	2,60	2,00
PA 624		rupestris, 30 cm, white, VI-VII, Z5-8	1	16	△	112,00	16,00	2,20	2,00
PA 626		speciosa, 30 cm, white, white-woolly leaves, VI-VII, Z6-8	1	9	△	—	54,00	7,20	3,60
		tabernaemontani - see neumanniana							
PA 630		thurberi, 40 cm, velvet-red with dark eye, grey-green foliage, VI-VIII, Z5-8	1	16	△	320,00	40,00	5,00	2,50
PA 634		thurberi 'Monarch's Velvet' [Calypso], 40 cm, raspberry-red with velvet-red center, VI-VIII, Z5-8	1	16	△	512,00	64,00	8,00	4,00
		verna - see neumanniana							



POTENTILLA atrosanguinea var. argyrophylla 'Scarlet Starlit'



POTENTILLA aurea



POTENTILLA calabra



POTENTILLA crantzii



POTENTILLA megalantha



POTENTILLA nepalensis 'Helen Jane'



POTENTILLA nepalensis 'Shogran'



POTENTILLA neumanniana



POTENTILLA recta



POTENTILLA speciosa



POTENTILLA thurberi



POTENTILLA thurberi 'Monarch's Velvet'

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
POTERIUM - see SANGUISORBA								
PRESLIA - see MENTHA cervina - see Organic Seed								
PRIMULA (Primulaceae)								
PA 724	<b>x pruhoniana Bergfrühling® Mixture</b> , F <sub>1</sub> -Hybr., ☼, 10 cm, red, blue, yellow, white, and pink shades, III-IV, Z5-8 . . . . .	2	16	△ ☺	–	460,00	50,00	7,20
PA 658	<b>vulgaris (acaulis) 'Mixed Selection'</b> , 15 cm, large flowers, esp. winter hardy selection, II-V, Z5-8 . . . . .	3	16	△	–	192,00	24,00	6,00
	<b>Elatior-Hybr. (polyantha)</b>							
PA 674	<b>Gigantea (Colossea) Mixture</b> , 30 cm, giant blossoms, magnificent colors, IV-V, Z5-8 . . . . .	3	16	×	270,00	30,00	4,20	2,10
PA 695	‘Gold Lace’, ☼, 30 cm, brown-red with golden margins, historic cultivar, variable, very unusual! IV-V, Z5-8 . . . . .	2	16	△ ☺	–	432,00	48,00	7,20
PA 693	‘Silver Lace Purple’, ☼, 25 cm, bright purple with silver margins, compact habit, IV-V, Z5-8 . . . . .	2	16	△ ☺	–	–	–	9,80
PA 696	‘Victoriana Gold Lace Black’, 30 cm, black-brown with golden margins, IV-V, Z5-8 . . . . .							
PA 697	‘Victoriana Gold Lace Red’, 30 cm, red with golden margins, IV-V, Z5-8 . . . . .							
NEW! PA 698	‘Victoriana Silver Lace Black’, 30 cm, black-brown with silver margins, IV-V, Z5-8 . . . . .	2	16	△ ☺	–	–	78,00	8,00
PA 701	‘Victorian Laced Primroses’, 30 cm, red, purple to black-brown colours, each edged with golden to silvery margins, IV-V, Z5-8 . . . . .							
PA 692	‘Jessica’, Red leaved Oxlip, 30 cm, brilliant pastel colors, from yellow, apricot, pink to red, unusual brown-red foliage, variable, IV-V, Z5-8 . . . . .	2	16	✿ △ ☺	–	–	72,00	9,80
	<b>elatior Crescendo®-Series</b> , 30 cm, winter hardy! Also for winter growing, IV-V, Z5-8							
PA 699	‘Crescendo® Bella Rose’	PA 702	‘Crescendo® Golden’ ☼					
PA 700	‘Crescendo® Blue Shades’ ☼	PA 708	‘Crescendo® Pure White’					
PA 704	‘Crescendo® Bright Red’ ☼	PA 710	‘Crescendo® Pink Shades’ ☼					
PA 712	‘Crescendo® Formula Mixture’	PA 707	‘Crescendo® Wine-Red’					
	<b>Wanda-Hybr. (Orig. Niederlenz)</b> , 10 cm, winter hardy, early flowering, II-V, Z5-8							
PA 713	‘Wanda Blue Shades’	PA 716	‘Wanda Pink with Eye’					
PA 709	‘Wanda Dark-pink’	PA 717	‘Wanda Pink/Salmon Shades’					
PA 714	‘Wanda Lilac Colors’	PA 718	‘Wanda Velvet Red Shades’					
PB 713	‘Wanda Yellow’	PA 711	‘Wanda White’					
PA 715	‘Wanda Raspberry Red Shades’	PA 719	‘Wanda Mixed Colors’					
PA 731	alpicola, ☼, 50 cm, white, light yellow to violet, variable, VI-VIII, Z5-8 . . . . .	1	15	△	960,00	120,00	16,00	3,40
PA 730	alpicola var. alpicola, 60 cm, yellow, VI-VII, Z5-8 . . . . .	1	15	△	–	–	22,00	4,00
PA 734	alpicola var. violacea, 60 cm, violet, VI-VII, Z5-8 . . . . .	1	15	△	–	–	22,00	4,00
PA 805	amoena (elatior ssp. meyeri), 20 cm, purple-violet umbels, IV-V, Z4-8 . . . . .	2	1	△	–	192,00	24,00	6,00
PA 738	anisodora (wilsonii var. anisodora), 60 cm, brown-purple with yellow eye, aromatic candelabra primrose, VI-VIII, Z5-8 . . . . .	1	16	❀ ✿	–	192,00	24,00	6,00
	<b>auricula hort.</b> - see <b>Primula x pubescens</b>							
PA 742	auricula (alpina), ☼, 15 cm, the true yellow Alpine Auricula, fragrant, IV-VI, Z3-8 (see also GOLD NUGGET SEED®) . . . . .	1	1	△	–	270,00	30,00	6,00
PA 750	beesiana, 40 cm, purple-red Candelabra Primrose, VI-VII, Z5-8 (s. also GOLD NUGGET SEED®) . . . . .	1	9	△	768,00	96,00	12,00	4,00
PA 758	x bulleesiana, 40 cm, Candelabra Primrose, bright color range from yellow to red and violet, VI-VII, Z3-8 (see also GOLD NUGGET SEED®) . . . . .	1	9	△ ✿ ❀	410,00	52,00	6,40	3,20
PA 754	bulleyana, ☼, 40 cm, orange Candelabra Primrose, VI-VIII, Z5-8 (see also GOLD NUGGET SEED®) . . . . .	1	9	△ ❀	–	96,00	12,00	4,00
PA 768	Candelabra-Hybr. [Woodside], 70 cm, mixture of many species of the Candelabra-Primulas, V-VII, Z5-8 . . . . .	1	9	△ ❀	480,00	60,00	7,50	2,50
PA 771	capitata 'Salvana'™, ☼, 20 cm, dark blue violet, dense flower heads, rich flowering, compact habit, striking powdered, VI-IX, Z4-8 . . . . .	0,25	4/16	✿ ☺ △	–	360,00	42,00	7,20
PA 770	capitata ssp. mooreana [ <i>Noverna Deep Blue</i> ], 20 cm, dark violet blossom heads, silvery powdered, VII-VIII, Z4-8 . . . . .	0,25	4/16	✿ ☺	1680,00	210,00	28,00	6,00
PA 772	chionantha, ☼, 40 cm, white, fragrant, the violet form (sinopurpurea) does always come up as well! V-VI, Z4-8 (see also GOLD NUGGET SEED®) . . . . .	1	9	△	1280,00	160,00	20,00	4,00
PA 774	chungensis, 70 cm, Candelabra Primrose, bright yellow with orange touch, V-VI, Z5-8 (see also GOLD NUGGET SEED®) . . . . .	1	1	△ ❀	768,00	96,00	12,00	4,00



PRIMULA Elatior-Hybr. 'Gold Lace'

PRIMULA 'Victoriana Silver Lace Black'

PRIMULA Elatior-Hybr. 'Jessica'

PRIMULA amoena

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>PRIMULA continuation</b>								
PA 776	<i>clusiana</i> , 10 cm, pink with white eye, dense rosettes, IV-V, Z5-7	0,5	1	△	–	–	28,00	4,80
PA 777	<i>cockburniana</i> , (AGM), 40 cm, bright copper-red, V-VI, Z5-8	1	9	⊕	–	192,00	24,00	6,00
PA 779	<i>cockburniana yellow form [Sunshine]</i> , 40 cm, bright yellow with golden eye, silvery powdered foliage, V-VI, Z5-8	0,5	1	⊕	–	–	24,00	6,00
PA 778	<i>cortusoides hort. (saxatilis)</i> , 30 cm, pink, many blossoms, IV-V, Z3-8	1	16	△	1280,00	160,00	22,00	5,50
PA 780	<i>cortusoides hort. 'Primadiente Rose'™</i> , (JEL), 20 cm, brilliant pink, abundant flowering, compact and vigorous, perfect for container production, IV-V, Z3-8	1	16	△ ⊕	–	360,00	42,00	7,20
PA 782	<i>denticulata [Lilac]</i> , (AGM), 30 cm, lilac, III-IV, Z4-8							
PA 784	<i>denticulata var. alba 'White Selection' [Snowball]</i> , 30 cm, white, III-IV, Z4-8							
PA 783	<i>denticulata 'Blue Selection'</i> , (JEL), 30 cm, dark blue selected, III-IV, Z4-8	0,5	15	△	2420,00	288,00	36,00	4,80
PA 801	<i>denticulata 'Rubin Selection'</i> , (JEL), 30 cm, carmine-red, III-IV, Z4-8							
PA 788	<i>denticulata Ronsdorf-Hybr. [Nepal Mix]</i> , 30 cm, mixture, III-IV, Z4-8	0,5	15	△ ✕	1440,00	180,00	24,00	3,80
PA 804	<i>elatior, wild form</i> , (AGM), Oxlip, 30 cm, sulphur yellow, IV-V, Z4-8 ( <i>s. also GOLD NUGGET SEED®</i> )	5	1	✖	380,00	48,00	6,00	2,80
PA 808	<i>farinosa</i> , 20 cm, lilac-rose, yellow throat, IV-VI, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> )	0,5	1	△	–	–	36,00	6,00
PA 810	<i>flaccida</i> , 25 cm, blue-violet, densely nodding flower spikes, narrow leaved rosettes, V-VIII, Z5-8	0,25	16	△	–	288,00	36,00	4,80
PA 812	<i>florindae</i> , (AGM), 50 cm, lemon-yellow, VI-VIII, Z3-8	2	16	✖ ✕	–	224,00	28,00	5,20
PA 815	<i>florindae 'Keilour-Hybr.'</i> , 50 cm, red, orange, yellow and copper-colored shades, VI-VII, Z3-8.	2	16	✖ ✕	–	–	36,00	6,80

continued on the following page



PRIMULA auricula



PRIMULA cortusoides 'Primadiente Rose'™



PRIMULA denticulata 'Rubin Selection'



PRIMULA capitata 'Salvana'™



PRIMULA denticulata 'Blue Selection'



PRIMULA flaccida

		Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>PRIMULA continuation</b>								
PA 836	helodoxa - see <i>prolifera</i> <i>hirsuta</i> , 10 cm, carmine-rose/lilac-rose, IV-V, Z4-8	0,5	1	△ Ca	–	–	48,00	5,20
PA 846	⊗ <i>japonica 'Alba'</i> [Postford White], (AGM), 50 cm, white, V-VII, Z4-8 (see also GOLD NUGGET SEED®)	1	1	❀	768,00	96,00	12,00	4,80
PA 847	⊗ <i>japonica 'Appleblossom'</i> , 50 cm, soft pink with red eye, V-VII, Z4-8 (see also GOLD NUGGET SEED®)	1	1	❀	768,00	96,00	12,00	4,80
PA 848	<i>japonica 'Carminea'</i> , 50 cm, intense carmine-red, V-VII, Z4-8	1	1	❀	384,00	48,00	6,00	3,00
PA 844	<i>japonica</i> , Deluxe Mixture [Redfield-Hybr.], 50 cm, V-VII, Z4-8 (see also GOLD NUGGET SEED®)	1	1	❀	240,00	30,00	4,00	2,00
PA 850	⊗ <i>japonica 'Millers Crimson'</i> , (AGM), 60 cm, intense-red, V-VII, Z4-8 (see also GOLD NUGGET SEED®)	1	1	❀	768,00	96,00	12,00	4,80
PA 854	<i>juliae</i> , Carpet Primrose, 5 cm, amaranth-red, II-IV, Z4-8 <i>latifolia</i> - see <i>viscosa</i>	1	19	△ w>	–	–	98,00	7,80
PA 838	<i>laurentiana</i> , 20 cm, lilac-pink with yellow eye, IV-V, Z3-8 <i>littoniana</i> - see <i>vialii</i>	0,25	8	△	–	–	–	6,00
PA 856	<i>luteola</i> , 20 cm, light yellow, V-VI, Z4-8 <i>macrocalyx</i> - see <i>veris</i> ssp. <i>macrocalyx</i>	1	8	△	810,00	90,00	10,00	3,50
PA 858	<i>magellanica</i> , 15 cm, white with yellow eye, farinose, IV-VI, Z6-9	0,25	15	△	–	–	–	7,20



PRIMULA japonica 'Alba'



PRIMULA japonica 'Appleblossom'



PRIMULA orbicularis



PRIMULA japonica 'Millers Crimson'



PRIMULA maximowiczii



PRIMULA parryi



PRIMULA polystachys



PRIMULA rosea 'Gigas'



PRIMULA sieboldii

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nr. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>PRIMULA continuation</b>							
PA 859 <i>maximowiczii</i> , 30 cm, brilliant red flowers, narrow leaved rosettes, IV-V, Z5-8 .....	0,5	9	△	–	–	98,00	7,80
PA 864 <i>officinalis</i> - see <i>veris</i>							
PA 864 <i>orbicularis</i> , 20 cm, clear light yellow, large fragrant blossoms, up to 20 flowers per umbel, lanceolate foliage rosettes, V-VII, Z5-8 .....	0,5	9	△	–	192,00	24,00	6,00
PA 868 <i>parryi</i> , 40 cm, brilliant purple-red with yellow eye, leathery leaves, V-VI, Z3-7 <i>(see also GOLD NUGGET SEED®)</i> .....	1	1	❀	1536,00	192,00	24,00	6,00
PA 872 <i>poissonii</i> , 50 cm, purple-carmine with yellow eye, very nice late flowering Candelabra Primrose, VI-VIII, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> .....	1	9	❀ ✕	–	198,00	22,00	4,50
PA 874 <i>polneura</i> , 30 cm, rosy-red with orange eye, V-VII, Z4-8 <i>(see also GOLD NUGGET SEED®)</i> .....	0,5	1	△	1280,00	160,00	22,00	5,50
PA 828 <i>prolifera</i> ( <i>helodoxa, smithiana</i> ),  50 cm, golden, powdery throat, V-VI, Z5-8 .....	1	1	△	960,00	120,00	16,00	4,00
PA 878 <i>x pubescens</i> ,  Garden Auricula, 20 cm, rich colour mixture, large flowering, IV-VI, Z4-8 <i>(see also GOLD NUGGET SEED®)</i> .....	1	9	△ ✕	980,00	128,00	16,00	4,00
PA 880 <i>x pubescens 'Kaleidoscope'</i> ,  Garden Auricula, 20 cm, brilliant colour mixture of selected mother stock with yellow, velvety-red, blue-lilac, creamy white and bicoloured variations, large flowering, valuable and durable border perennial, IV-VI, Z4-8 <i>(see also GOLD NUGGET SEED®)</i> .....	1	9	△ ✕ ⚡	–	384,00	48,00	5,40
PA 884 <i>pulverulenta</i> ,  50 cm, purple-carmine, powdered, V-VI, Z5-8 <i>(s. also GOLD NUGGET SEED®)</i> .....	1	9	–	768,00	96,00	12,00	4,00
PA 890 <i>rosea 'Gigas'</i> ,  20 cm, carmine pink, large bright blossoms, III-IV, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> .....	0,5	9	❀ △ ⚡	1536,00	192,00	24,00	4,80
PA 891 <i>saxatilis</i> - see <i>cortusoides hort.</i>							
PA 892 <i>saxatilis</i> var. <i>pubescens</i> - see <i>polneura</i>							
PA 896 <i>secundiflora</i> , 40 cm, rose-purple, V-VI, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> .....	1	16	△ ❀	1536,00	192,00	24,00	6,00
PA 898 <i>sieboldii</i> ,  25 cm, white, pink or purple, pale green, early dormant foliage, V-VI, Z4-7 <i>(see also GOLD NUGGET SEED®)</i> .....	1	1	△ ✕	–	–	42,00	7,00
PA 899 <i>sikkimensis</i> ,  50 cm, yellow, fragrant, VI-VII, Z5-8 .....	1	16	△ ❀	–	224,00	28,00	7,00
PA 902 <i>sinopurpurea</i> ( <i>chionantha</i> ssp. <i>sinopurpurea</i> ), 50 cm, pale violet-red, the white form is always included, farinose leaves, V-VI, Z4-8 <i>(see also GOLD NUGGET SEED®)</i> .....	1	1	△	–	168,00	22,00	4,00
PA 910 <i>veris</i> ( <i>officinalis</i> ),  Cowslip, 20 cm, yellow, III-V, Z4-8 <i>(s. also GOLD NUGGET SEED®)</i> <i>(see also Organic-Seeds)</i> .....	5	9	‡ ✕ ⚡	120,00	20,00	3,40	2,00
PA 914 <i>veris</i> ssp. <i>columnae</i> , 20 cm, golden yellow, leaves densely white hairy underneath, III-V, Z4-8 .....	3	1	△ ‡	–	52,00	6,80	3,40
PA 915 <i>veris</i> ssp. <i>macrocalyx</i> , Tall Meadow Cowslip, 25 cm, yellow, large flowering, funnel-like calyx-leaves, III-V, Z4-8 .....	3	8	✖ ‡ △ ⚡	–	52,00	6,80	3,40
PA 916 <i>veris</i> 'Sunset Shades', 20 cm, yellow, ochre-colored, orange and red shades, III-V, Z4-8 <i>(see also GOLD NUGGET SEED®)</i> .....	3	9	△ ✕	–	76,00	9,00	4,50
PA 918 <i>vialii</i> [ <i>Miracle, Red Hot Poker</i> ],  30 cm, red-violet blossom candles, VI-VII, Z6-8 .....	0,25	15	⊗ ❀	–	396,00	48,00	7,80
PA 922 <i>vinciflora</i> - see <i>OPHALOGRAMMA</i>							
PA 922 <i>viscosa</i> ( <i>latifolia</i> ), 10 cm, violet, V-VI, Z4-8 .....	0,5	1	△ ⚡	–	138,00	17,00	4,00
PA 926 <i>vulgaris</i> ( <i>acaulis</i> ), wild form,  20 cm, yellow, rarely white, IV, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> .....	3	1	△ ‡ ⚡	1296,00	144,00	16,00	5,40

continued on the following page



PRIMULA x pubescens 'Kaleidoscope'



PRIMULA veris



PRIMULA veris ssp. columnae



PRIMULA vialii



PRIMULA vulgaris, wild form


*PRIMULA vulgaris ssp. sibthorpii*

*PULSATILLA albana*

*PULSATILLA alpina ssp. sulphurea*

*PRUNELLA grandiflora 'Freelander Mixed'*

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>PRIMULA continuation</b>								
PA 927	vulgaris ssp. sibthorpii (sibthorpii, woronowii), AGM, Carnival Primrose, 20 cm, rosy-red, II-IV, Z5-8 (see also GOLD NUGGET SEED®)	4	1	△	–	216,00	24,00	6,00
PA 928	waltonii, 40 cm, violet, nodding flowers, VI-VII, Z5-8 wilsonii var. anisodora - see anisodora	1	16	△	–	192,00	24,00	6,00
<b>PRITZELAGO</b> - see <b>HUTCHINSIA</b>								
<b>PROMETHEUM</b> - see <b>ROSULARIA</b>								
<b>PRUNELLA</b> (Lamiaceae, Labiateae)								
PA 940	grandiflora, 20 cm, violet-blue, abundant flowers, VI-VIII, Z4-8							
PA 941	grandiflora 'Alba', 20 cm, white, VI-VIII, Z4-8							
PA 942	grandiflora 'Light Blue', 20 cm, VI-VIII, Z4-8							
PA 943	grandiflora 'Rubra', 20 cm, carmine-red, VI-VIII, Z4-8							
PA 944	grandiflora Mixture [Pagoda], 20 cm, violet, pink, white, VI-IX, Z4-8							
PA 937	grandiflora 'Bella Blue', 15 cm, brilliant blue-violet, reliable flowering in the 1. year, V-IX, Z4-8							
PA 938	grandiflora 'Bella Deep Pink', 15 cm, brilliant deep pink, reliable flowering in the first year, V-IX, Z4-8							
PA 945	grandiflora 'Freelander Mixed', FS, 15 cm, blue, pink and white colors, reliable first year flowering, V-IX, Z4-8							
PA 946	lacinata, 20 cm, white, rarely lilac, fine feathered foliage, basal leaves similar to <i>P. vulgaris</i> , VI-VIII, Z5-8 <i>vulgaris</i> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed	3	15	vvv	–	32,00	4,00	2,20
<b>PSEPHELLUS dealbatus</b> - see <b>CENTAUREA dealbata</b>								
<b>PSEUDOFUMARIA</b> - see <b>CORYDALIS</b>								
<b>PSEUDOLYSIMACHION</b> - see <b>VERONICA</b>								
<b>PTIOTRICHUM</b> (Cruciferae)								
PA 963	pyrenaicum, 15 cm, white, large flowering, dense clusters, grey-green foliage, V-VII, Z5-8 ...	3	9	△	–	–	–	7,00
PA 964	spinosum (ALYSSUM), 30 cm, white to pink, thorny, V-VI, Z6-9 ...	3	16	△△	–	192,00	24,00	4,50
<b>PTIOSTEMON</b>								
	diacantha - see <b>CIRSIUM diacanthum</b>							
	echinocephalum - see <b>CIRSIUM echinocephalum</b>							
<b>PULMONARIA officinalis (ssp. obscura)</b> - s. Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								

		Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
	<b>PULSATILLA (ANEMONE) (Ranunculaceae)</b>								
PA 970	<i>albana</i> , Caucasus Pasque Flower, 15 cm, violet or lilac, seldom yellow or white, fine feathered foliage, IV-V, Z4-8, . . . . .	pure seed	6	9	△	–	72,00	9,00	4,50
PA 972	<i>alpina</i> , 35 cm, white, V-VIII, Z5-8, . . . . .	pure seed	20	1	△	208,00	26,00	3,20	2,40
PA 974	<i>alpina</i> ssp. <i>sulphurea</i> ( <i>apiifolia</i> ), <small>(AGM)</small> , 35 cm, sulphur yellow, V-VIII, Z5-8, . . . . .	pure seed	20	1	△ Ca	208,00	26,00	3,20	2,40
NEW! PA 967	<i>ambigua</i> , 20 cm, blue-violet, nodding flowers, finely feathered foliage, IV-VI, Z5-8, . . . . .	pure seed	3	9	△	960,00	120,00	15,00	5,00
PA 975	<i>aurea</i> , 30 cm, bright golden yellow, V-VII, Z5-8, . . . . .	pure seed	10	9	△	–	–	–	6,00
PA 976	<i>grandis</i> ( <i>vulgaris</i> ssp. <i>grandis</i> ), 30 cm, light-lilac, very large flowers, III-IV, Z5-8, . . . . .	pure seed	5	9	△	320,00	40,00	5,00	2,50
PA 978	<i>halleri</i> , <small>(AGM)</small> , 25 cm, violet, VII-VIII, Z5-8, . . . . .	pure seed	5	1	△	320,00	40,00	5,00	2,50
PA 979	<i>halleri</i> ssp. <i>taurica</i> , 15 cm, purple-violet, white-woolly foliage, V-VI, Z5-8, . . . . .	pure seed	10	9	△	400,00	50,00	6,20	4,70
PA 982	<i>montana</i> , 20 cm, dark violet, IV-V, Z6-8, . . . . .	pure seed	15	1	△	–	26,00	3,20	2,00
PA 983	<i>occidentalis</i> , 25 cm, white to creamy-white, V-VI, Z4-8, . . . . .	pure seed	10	1	△	528,00	66,00	8,20	4,10
PA 984	<i>patens</i> , Eastern Pasque Flower, 20 cm, blue-violet, white woolly new growth, early flowering, II-IV, Z4-8, . . . . .	pure seed	5	9	△ Ca	960,00	120,00	15,00	5,00
PA 985	<i>pratensis</i> ssp. <i>nigricans</i> , 20 cm, dark purple, nodding flowers, IV-VI, Z4-8, <i>(see also Organic-Seeds)</i> , . . . . .	pure seed	3	9	△ \$	1150,00	144,00	18,00	6,00
PA 981	<i>tatewakii</i> , 20 cm, purple, nodding flowerheads, golden seed pots, rare, IV-VI, Z5-8, . . . . .	pure seed	3	9	△	–	–	18,00	6,00
PA 986	<i>vernalis</i> , <small>(AGM)</small> , 15 cm, white, outside lilac, IV, Z4-8 <i>(see also GOLD NUGGET SEED®)</i> , pure seed	pure seed	10	9	△ Ca	–	72,00	9,00	4,50

continued on the following page



PULSATILLA ambigua



PULSATILLA grandis



PULSATILLA occidentalis



PULSATILLA vernalis



PULSATILLA vulgaris 'Heiler-Hybr.'



PULSATILLA vulgaris 'Perlen Glocke'

**Production – Breeding – Seed Technology**

				Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>PULSATILLA continuation</b>										
PA 988	<b>vulgaris</b> , <small>[AGM]</small> , Pasque Flower, 30 cm, lilac to blue-violet, III-IV, Z5-8 <i>(see also GOLD NUGGET SEED® + Organic-Seeds)</i> ,	.....	pure seed	5	9	△ \$ ⚡ ☀	224,00	28,00	3,50	2,00
PA 990	<b>vulgaris 'Alba'</b> [Weiße Glocke, White Bells, White Swan], <small>[AGM]</small> , 30 cm, white, III-IV, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> ,	.....	pure seed	5	9	△ ☀ ☀	384,00	48,00	6,80	3,40
PA 989	<b>vulgaris 'Blaue Glocke'</b> [Violet Bells], <small>[JEL]</small> , 30 cm, dark-violet, III-IV, Z5-8, <i>(see also GOLD NUGGET SEED®)</i> ,	.....	pure seed	5	9	△ ☀ ☀	384,00	48,00	6,80	3,40
PA 980	<b>vulgaris 'Perlen Glocke'</b> [Pearl Bells], <small>[JEL]</small> , 30 cm, softest pink bellflowers, large flowering, III-IV, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> ,	.....	pure seed	5	9	△ ☀ ☀	384,00	48,00	6,80	3,40
PA 991	<b>vulgaris 'Rosen Glocke'</b> [Rose Bells], <small>[JEL]</small> , 30 cm, radiant cerise pink bellflowers, large flowering, III-IV, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> ,	.....	pure seed	5	9	△ ☀ ☀	384,00	48,00	6,80	3,40
PA 992	<b>vulgaris 'Rote Glocke'</b> [Red Bells, Röde Klokke], 30 cm, bright red, III-IV, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> ,	.....	pure seed	5	9	△ ☀ ☀	384,00	48,00	6,80	3,40
PA 994	<b>vulgaris 'Heiler-Hybr.'</b> , 30 cm, from dark red to bright red, pink, violet, blue, cream to pure white – a magnificent color range, III-IV, Z5-8, <i>(see also GOLD NUGGET SEED®)</i> ,	.....	pure seed	5	9	△ ☀ ☀	224,00	28,00	3,50	2,00
PA 800	<b>vulgaris 'Prima Papagena'</b> , <small>[JEL]</small> , 30 cm, fringed to semi-double flowers, pure white with cream tones and bright pink to dark reds and light blue to violet colors, distinct improvement over 'Papageno', intensive fringed flowers from the first year on, decorative seed heads for flower arrangements, III-IV, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> ,	.....	pure seed	5	9	△ ☀ ☀	384,00	48,00	6,80	3,40
<b>PUNICA</b> (Lythraceae, Punicaceae)										
PA 996	<b>granatum var. nana</b> , <small>[AGM]</small> , 40 cm, Dwarf Pomegranate, scarlet-red, floriferous even as young plant, popular container-plant, VI-VIII, Z8-11 .....	35	20	□ □ & \$	112,00	16,00	2,40	2,40		
<b>PYCNANTHEMUM</b> (Lamiaceae, Labiateae)										
PA 997	<b>muticum</b> , 80 cm, pink, silver-velvety bracts, especially decorative, variable, VII-IX, Z4-8 .....	1	16	☒ ☀	–	112,00	14,00	5,00		
PA 998	<b>pilosum</b> , American Mountain Mint, 70 cm, pale purple, aromatic foliage, VI-IX, Z4-8 <i>(see also Organic-Seeds)</i> .....	3	16	☒ \$	320,00	40,00	5,00	2,50		
PA 999	<b>tenuifolium</b> , 60 cm, pale purple, narrow lanceolate leaves, very decorative, VII-IX, Z5-8 .....	1	16	☒ ☀	–	52,00	6,40	3,20		
<b>PYRETHRUM</b> - see <b>TANACETUM coccineum</b>										
<b>RAMONDA</b> (Gesneriaceae)										
RA 010	<b>myconi (pyrenaica)</b> , <small>[AGM]</small> , 10 cm, violet-blue, rarely pink and white, plate-like leaves, lime-loving, V-VI, Z6-8 .....	0,125	4/9	△	–	520,00	65,00	6,50		
RA 011	<b>myconi var. alba</b> , 10 cm, mostly pure white, lime-loving, V-VI, Z6-8 .....	0,125	4/9	△	–	–	92,00	9,20		
RA 012	<b>myconi 'Rosea'</b> , 10 cm, mostly soft pink, V-VI, Z6-8 .....	0,125	4/9	△	–	–	92,00	9,20		
RA 015	<b>serbica</b> , 10 cm, light blue with yellow eye, bell-shaped flowers, plate-like rosettes, IV-V, Z6-8 .....	0,125	4/9	△	–	–	65,00	6,50		


**PULSATILLA vulgaris 'Rosen Glocke'**

**PULSATILLA vulgaris 'Prima Papagena'**

**PYCNANTHEMUM muticum**

**RAMONDA myconi**

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>RANUNCULUS</b> (Ranunculaceae)								
RA 020	<i>aconitifolius</i> , 50 cm, white, V-VI, Z5-9 . . . . .	5	2	△ ≈≈	–	96,00	12,00	4,80
RA 022	<i>acris f. citrinus [Sulphureus]</i> , 40 cm, creamy white, richly branched, VI-IX, Z4-8 . . . . .	3	2	–	–	–	–	5,20
RA 030	<i>buchananii</i> , 25 cm, white, very large flowering, blue-green foliage, V-VI, Z7-10 . . . . .	4	2	△	–	184,00	24,00	6,00
RA 029	<i>cortusifolius</i> , Canaries-Buttercup, 60 cm, golden, large blossoms in dense umbels, large, leathery basal leaves, VI-VII, Z8-10 . . . . .	2	9	× ≈	768,00	96,00	12,00	4,00
RA 031	<i>flammmula</i> , 30 cm, yellow, VI-X, Z4-9 . . . . .	2	9	≈≈ ×	–	–	12,00	4,00
RA 032	<i>glacialis</i> , 15 cm, pure white, VII-VIII, Z3-8 . . . . .	0,5	2	△ ≈≈	–	144,00	18,00	6,00
RA 036	<i>gramineus</i> ,  30 cm, bright yellow, easily grown, V-VI, Z6-9 (see also GOLD NUGGET SEED®) . . . . .	8	2	△	–	72,00	9,00	4,50
RA 037	<i>haastii ssp. piliferus</i> , 20 cm, yellow, wax like blue foliage, V-VII, Z7-9 . . . . .	6	2/3	△ ≈	–	276,00	34,00	9,80
RA 038	<i>insignis</i> , 50 cm, large, golden, poppy-like flowers, leathery leaves, VI-VII, Z7-10 . . . . .	6	2/3	△	–	144,00	18,00	6,00
RA 040	<i>iyallii</i> , 50 cm, large, white, poppy-like flowers, leathery dark green leaves, VI-VIII, Z6-9 . . . . .	6	2/3	△	896,00	112,00	14,00	5,20
RA 044	<i>parnassifolius</i> , 8 cm, white, outside reddish, V-VI, Z4-9 . . . . .	10	2	△	–	–	–	9,80
RA 052	<i>thora</i> , 15 cm, golden, VI-VII, Z4-8 . . . . .	10	2	△ ×	–	112,00	14,00	7,00
<b>RAOULIA</b> (Asteraceae, <i>Compositae</i> )								
RA 053	<i>australis</i> , 2 cm, dense, flat, silver-white carpets forming, inconspicuous yellow flowers, VII-VII, Z6-9 . . . . .	0,1	16	△ ↗	–	1560,00	196,00	4,20
RA 057	<i>tenuicaulis</i> , 3 cm, large white everlasting flowers, the only scented variety, forms silvery-grey mats, vigorous, good carpet for bulbs, VI-VIII, Z6-9 . . . . .	0,1	16	△ ↗ ↗	–	–	78,00	4,20



RANUNCULUS acris f. citrinus



RANUNCULUS buchananii



RANUNCULUS cortusifolius



RANUNCULUS glacialis



RANUNCULUS gramineus



RANUNCULUS haastii ssp. piliferus



RAOULIA australis

## Production – Breeding – Seed Technology

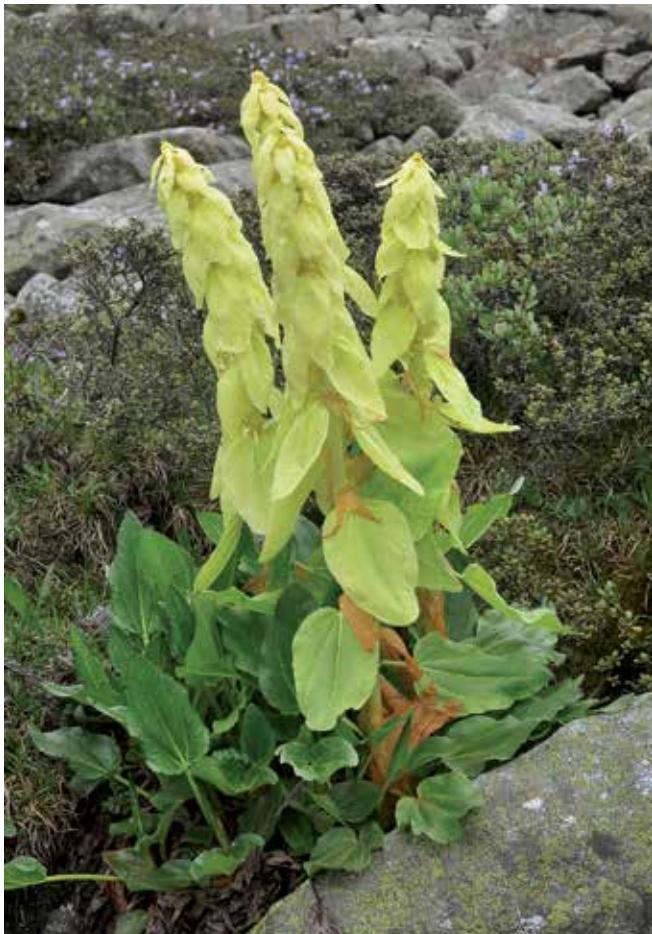
		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>RATIBIDA</b> (Asteraceae, Compositae)								
RA 060	<b>columnifera</b> , 70 cm, yellow, VII-X, Z3-8 . . . . .	5	15	⊗ ⊗	115,00	16,00	2,40	2,00
RA 064	<b>columnifera f. pulcherrima</b> , 70 cm, red with yellow, VII-X, Z3-8 . . . . .	5	15	⊗ ⊗	115,00	16,00	2,40	2,00
RA 065	<b>columnifera f. pulcherrima 'Red Midget'</b> , 45 cm, red-brown flowers with yellow tips, dwarf habit, VII-X, Z3-8 . . . . .	2	15	⊗ ⊗ △	180,00	24,00	3,40	2,00
RA 066	⊗ <b>mexicana</b> , 60 cm, golden ray flowers, grey-green foliage, branching upright habit, perennial species, VI-VIII, Z6-9 . . . . .	4	16	△ ☀	520,00	62,00	7,20	3,60
RA 068	⊗ <b>pinnata (RUDBECKIA)</b> , 120 cm, light yellow with brown disk, VII-IX, Z3-8 . . . . .	5	15	⊗	72,00	12,00	2,00	2,00
<b>REHMANNIA</b> (Scrophulariaceae)								
RA 072	⊗ <b>elata (angulata) [Rufus]</b> , <small>[AGM]</small> , 100 cm, carmine-red, yellow throat, spotted, V-VII, Z7-10 . . . . .	0,5	15	⊗ △	1536,00	192,00	24,00	8,00
<b>RESEDA</b> - see <b>Organic Seed</b>								
<b>RHAZYA</b> - see <b>AMSONIA</b>								
<b>RHEUM</b> (Polygonaceae)								
RA 077	⊗ <b>alexandrae</b> , Alexander's Rhubarb, 80 cm, magnificent yellow bracts, glossy green basal foliage, a rarity for moist and cool locations, V-VII, Z4-7 . . . . .	20	15	⊗ △	980,00	128,00	16,00	8,00
RA 080	<b>austrole (emodii)</b> , 250 cm, amaranth-red, V-VI, Z4-8 . . . . .	30	15	Sol \$	224,00	28,00	3,60	3,60



RATIBIDA mexicana



RATIBIDA pinnata



RHEUM alexandrae



RHEUM nobile



REHMANNIA elata



RHEXIA virginica

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>RHEUM</b> <i>continuation</i>								
RA 078 <i>nobile</i> , Tibetan Rhubarb, 120 cm, attractive yellow-ochre coloured bracts, broad foliage, for cool and moist locations, VI-VIII, Z4-7 . . . . .		30	15	CAN △ \$	720,00	92,00	12,00	9,60
officinale - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>								
<i>palmatum</i> var. <i>tanguticum</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>								
<i>rhabarbarum</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
<i>rhaponticum</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>								
<b>RHEXIA</b> (Melastomataceae)								
RA 088 <i>virginica</i> , 40 cm, purple-rose, VI-VIII, Z3-8 . . . . .		0,5	9	***	-	112,00	14,00	7,00
<b>RHINANTHUS</b> (Scrophulariaceae)								
RA 096 <i>minor</i> , Yellow Rattle, 30 cm, yellow, decorative, rattling seed heads, V-VIII, Z4-8 . . . . .		10	1	○ &	180,00	26,00	3,80	2,00
<b>RHODIOLA (SEDMUM)</b> (Crassulaceae)								
RA 092 <i>integrifolia</i> ssp. <i>atropurpurea</i> , 30 cm, brilliant purple-red, IV-VI, Z2-7 . . . . .		0,5	1	△ ***	-	324,00	36,00	6,00
RA 089 <i>rhodantha</i> , 25 cm, rosy-red flower clusters, upright, V-VI, Z3-8 . . . . .		0,5	9	△ ✗	-	-	-	6,20
RA 090 <i>rosea</i> , Rose Root, 25 cm, yellowish umbel, dried root is rose-scented, V-VI, Z1-8 (see also <b>GOLD NUGGET SEED®</b> ). . . . .		0,5	1	△ \$	-	198,00	22,00	4,40
RA 094 <i>semenowii</i> , 40 cm, green-white, cylindrical flower racemes, VI-VII, Z5-8 . . . . .		0,5	9	△ ✗	-	-	-	6,20
<b>RHODODENDRON</b> (Ericaceae)								
RA 100 <i>ferrugineum</i> , Alpine Rose, 100 cm, pink, V-VI, Z3-8 . . . . .		1	1	‡△✿✖	480,00	60,00	7,60	3,80
<b>RHODOPHIALA</b> (Amaryllidaceae)								
RA 106 <i>bifida</i> var. <i>spathacea</i> , 25 cm, brilliant dark pink, IV-V, Z8-10 . . . . .		10	15	△	-	-	12,00	8,00
<b>RICINUS</b> - see <b>Organic Seed</b>								
<b>RODGERSIA</b> (Saxifragaceae)								
RA 110 <i>aesculifolia</i> , , 100 cm, white, VI-VII, Z4-8 . . . . .		0,25	4/15	✖	2300,00	288,00	36,00	6,00
RA 114 <i>Henrici-Hybr.</i> , 90 cm, pink-red, fruit-stalk bright red, green foliage with a hint of bronze, VI-VII, Z5-8 . . . . .		0,25	4/16	✖	1540,00	192,00	24,00	4,80
RA 116 <i>New Hybrids</i> , 80 cm, white, yellow to pink flowers, dark green to bronze colored leaves, VI-VIII, Z5-8 . . . . .		0,25	4/16	✖ Sol	-	192,00	24,00	4,80
RA 118 <i>pinnata</i> , 80 cm, pink-white, VI-VII, Z5-8 . . . . .		0,25	4/15	✖	-	192,00	24,00	6,00
<i>pinnata 'Superba'</i> - see <i>Henrici-Hybr.</i>								
RA 126 <i>sambucifolia</i> , 80 cm, white, elder-like foliage, VII-VIII, Z5-8 . . . . .		0,25	4/15	-	-	-	-	6,00
<i>tabularis</i> - see <i>ASTILBOIDES tabularis</i>								



**RODIOLIA integrifolia** ssp. *atropurpurea*



**RHINANTHUS minor**



**RODIOLIA rhodantha**



**RODGERSIA aesculifolia**



**RODGERSIA Henrici-Hybr.**



ROMNEYA coulteri



ROSCOEAE cautleyoides



RUDBECKIA fulgida var. deamii



RUDBECKIA fulgida var. speciosa

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>ROMNEYA</b> (Papaveraceae)							
RA 136 ☼ coulteri, (AGM), 100 cm, silver-white blossoms, 12 cm Ø, VII-IX, Z6-9 . . . . .	2	5	Sol ↘	768,00	96,00	12,00	6,00
<b>ROSCOEAE</b> (Zingiberaceae)							
RA 140 ☼ alpina, 15 cm, pink, small blooms, VII-VIII, Z5-8 . . . . .	10	10/9	△	–	–	8,00	6,00
RA 142 ☼ auriculata, 40 cm, brilliant purple, VII-IX, Z5-8 . . . . .	10	20	△	384,00	48,00	6,00	4,00
RA 144 ☼ cautleyoides, (AGM), 50 cm, light yellow, VI, Z5-8 . . . . .	10	20	△	–	–	8,00	6,00
<b>ROSMARINUS officinalis</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<b>ROSULARIA</b> (Crassulaceae)							
RA 152 ☼ rechingeri (PROMETHEUM), 5 cm, creamy white, bluish green rosettes, VI-IX, Z5-9 . . . . .	0,25	1	△	–	–	74,00	4,80
<b>RUCOLA silvatica</b> - see <b>Organic Seed</b>							
<b>RUDBECKIA</b> (Asteraceae, Compositae)							
RA 160 ☼ fulgida var. deamii, (AGM), 80 cm, yellow, hairy foliage, drought tolerant, VII-IX, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	3	9	✗	520,00	62,00	7,20	3,60
RA 162 ☼ fulgida var. fulgida, 80 cm, yellow-orange with dark center, later flowering than 'Goldsturm', IX-XI, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	3	9	✗✗	520,00	62,00	7,20	3,60
RA 190 ☼ fulgida var. speciosa (neumannii), (AGM), 60 cm, golden with black center, narrow foliage, VII-X, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	3	9	✗✗	520,00	62,00	7,20	3,60
RA 164 ☼ fulgida var. sullivantii 'Goldsturm', (AGM) (PPA), 70 cm, golden with dark center, VII-X, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	3	9	✗✗	480,00	58,00	7,20	3,60
RT 164 ☼ fulgida var. sullivantii 'Goldsturm', heat-treated seed is virtually Septoria free, but secondary infection is still possible, please prevent! . . . . .			JET®- heat-treated seed	640,00	80,00	9,80	4,20
RA 156 ☼ grandiflora 'Sundance', (AAS), 120 cm, golden, large rayflowers with black-brown spherical cones, elegant upright and sturdy habit, healthy intensive green foliage, VII-X, Z4-8 . . . . .	4	15	✗⊗ Sol	768,00	96,00	12,00	3,80
RA 178 ☼ hirta 'Autumn Colors', (FS), 50 cm, red-brown colors, stable, VII-IX, Z4-8							
RA 163 ☼ hirta 'Cappuccino', (FS), 80 cm, bronze-brown with yellow tips, sturdy and large flowering, VI-X, Z4-8 . . . . .							
RA 159 ☼ hirta 'Denver Daisy', (AAS) (PS), 50 cm, golden with intensive brown-reddish eye, rich and large flowering, sturdy, VI-IX, Z4-9 . . . . .	2	15	✗⊗ ⊙	–	396,00	44,00	6,20
RA 177 ☼ hirta 'Maya', (FS), 45 cm, extremely double, golden flowers, richly branched, VII-IX, Z4-8 . . . . .							
RA 179 ☼ hirta 'Prairie Sun', (AAS) (PS), 70 cm, light yellow with green center, large flowering and stable, VII-IX, Z4-9 . . . . .							
RA 170 ☼ hirta 'Sonora', 45 cm, golden with mahogany colored disc, well-branched, VII-IX, Z4-8 . . . . .							
RA 167 ☼ hirta 'Goldilocks', (FS), 60 cm, golden, large double and semidouble flowers with deep black center, VII-IX, Z4-8 . . . . .	2	15	✗⊗ ⊙	–	88,00	9,60	4,80
RA 165 ☼ hirta 'Indian Summer', (AAS) (AGM), 80 cm, golden, very large flowering, VII-IX, Z4-8 . . . . .							
RA 169 ☼ hirta 'Marmelade', 60 cm, brilliant deep golden, stable, VII-IX, Z4-8 . . . . .							
RA 171 ☼ hirta 'Toto Gold', 30 cm, golden, 5 cm large and round flowers, branched habit, as border and pot plant, VII-IX, Z4-8 . . . . .	1	15	△⊗⊗	–	396,00	44,00	6,20
RA 175 ☼ hirta 'Toto Rustic', (FS), 30 cm, bronze-yellow variant of 'Toto Gold', VII-IX, Z4-8 . . . . .							
RA 168 ☼ laciiniata, 150 cm, light yellow, VIII-IX, Z3-8 . . . . .	5	16	✗⊗	256,00	32,00	4,00	3,00
RA 172 ☼ maxima, 200 cm, large yellow flowers, ovate, blue-green leaves, VIII-IX, Z5-9 . . . . .	15	15	✗ Sol	384,00	48,00	6,00	6,00
RA 173 ☼ missouriensis, 40 cm, golden with black center, delicate habit, narrow lanceolate foliage, VII-IX, Z3-8 <i>(see also GOLD NUGGET SEED®)</i> . . . . .	3	9	△✗	576,00	72,00	8,00	4,00
RA 176 ☼ occidentalis [Green Wizard], 100 cm, grey-green foliage, tall black flowering cones, petals barely visible, best bee plant, for flower arrangements, VII-IX, Z5-9 . . . . .	8	15	✗✗	240,00	30,00	3,80	2,00
purpurea - see <b>ECHINACEA purpurea</b>							
RA 194 ☼ subterminalis, 80 cm, golden, VII-IX, Z3-8 . . . . .	8	15	–	240,00	30,00	3,80	2,00
RA 198 ☼ triloba, (AGM), 100 cm, yellow, darker towards the center, variable, VI-X, Z3-8 . . . . .	5	8	⊖✗	256,00	32,00	4,00	2,00
RA 199 ☼ triloba 'Blackjack Gold', (AAS), 100 cm, round and golden flowers with black cone, compact habit, richly branched flowering stalks, first year flowering, sturdy and long lived strain, valuable late bloomer, VII-X, Z3-8 . . . . .	3	15	✗⊗⊗	768,00	96,00	12,00	3,80
RA 197 ☼ triloba 'Prairie Glow', 100 cm, yellow with bright red eye, fading orange-red to bronze, richly branched flowering stalks, valuable late bloomer, VII-X, Z3-8 . . . . .	3	15	✗⊗	1650,00	198,00	26,00	7,00



RUDBECKIA fulgida var. sullivantii 'Goldsturm'



RUDBECKIA grandiflora 'Sundance'



RUDBECKIA hirta 'Autumn Colors'



RUDBECKIA maxima



RUDBECKIA missouriensis



RUDBECKIA triloba 'Blackjack Gold'



RUDBECKIA triloba 'Prairie Glow'



RUELLIA humilis



RUMEX flexuosus



RUSCUS aculeatus



SALVIA argentea



SALVIA azurea

		Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>RUELLIA</b> (Acanthaceae)								
RA 202 ☼ <i>humilis</i> , 40 cm, pale blue-violet, large flowering, very interesting perennial, VII-IX, Z4-8 <i>(see also GOLD NUGGET SEED®)</i> .....		15	1	△	–	144,00	16,00	7,80
<b>RUMEX</b> (Polygonaceae)								
acetosa - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
acetosella - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
RA 216 ☼ <i>flexuosus</i> , 25 cm, bronze to copper coloured, lanceolate foliage, remarkable foliage plant, VI-VII, Z6-9 .....		1	15	△ *	620,00	78,00	9,60	3,20
RA 220 <i>hydrolapathum</i> , 150 cm, reddish, bronze-red foliage in fall, V-VIII, Z5-8 .....		15	15	***	256,00	32,00	3,60	3,60
<i>sanguineus</i> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<i>scutatus</i> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>RUSCUS</b> (Ruscaceae, Liliaceae)								
RA 300 ☼ <i>aculeatus</i> , Butcher's Broom, 100 cm, greenish, evergreen small shrub, red berries, III-IV, Z7-9 .....		400	6/10	‡ × ✕ &	82,00	12,00	2,00	9,80
<b>RUTA</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>SABATIA</b> (Gentianaceae)								
SA 004 <i>angularis</i> , 40 cm, pink, VII-VIII, Z5-9 .....		0,5	9	△ ⊙	–	–	–	6,15
<b>SAGINA</b> (Caryophyllaceae)								
SA 010 <i>subulata</i> [ <i>Crispy, Puzta</i> ], 5 cm, white, dense carpets, VI-VIII, Z4-9 .....		0,25	4/15	△ ⊖	1300,00	154,00	18,00	3,00
<b>SALVIA</b> (Lamiaceae, Labiateae)								
SA 028 <i>amplexicaulis</i> , 80 cm, violet, similar to <i>S. nemorosa</i> but larger, VI-VIII, Z4-8 .....		2	15	✗ ✕	–	40,00	5,00	2,50
SA 030 ☼ <i>argentea</i> [ <i>Artemisia</i> ], [AGM CPS], Silver Sage, 65 cm, white with yellow, flat grey-woolly leaf rosettes, VII-VIII, Z5-8 .....		10	15	△ ☘ ⊙	208,00	26,00	3,60	3,60
SA 029 ☼ <i>azurea</i> , Prairie Sage, 120 cm, bright azure blue, IX-XI, Z5-8 .....		10	15	✗ ✕	–	96,00	12,00	7,20
SA 033 ☼ <i>bulleyana</i> ( <i>flava v. megalantha</i> ), 60 cm, yellow with red-brown lip, unusual, VI-VIII, Z6-8 .....		10	15	✗ ✕	–	96,00	12,00	7,20
NEW! SA 016 ☼ <i>candidissima</i> ( <i>albida</i> ), Wooly White Sage, 50 cm, white, compact, white wooly leaf-rosettes, V-VII, Z6-9 .....		10	15	✗ ☘	–	–	12,00	7,20
<i>baumgartenii</i> - see <i>transsylvania</i>								
SA 024 <i>cyanescens</i> , 50 cm, brilliant blue-lilac, attractive silver-grey foliage, VI-VIII, Z6-9 .....		10	8	△ ☘	384,00	48,00	6,80	4,20
SA 026 ☼ <i>daghستانica</i> [ <i>Platinum®</i> ], [PS], 15 cm, brilliant blue, silver-grey foliage, low cushion forming, a rarity for dry and warm locations, V-VI, Z5-8 .....		5	8	△ ^ ☘	–	216,00	24,00	7,80
SA 022 <i>farinacea</i> 'Victoria Blue', [AGM], 40 cm, blue flower panicles, uniform habit, VII-IX, Z8-10 .....		3	15	△ ⊖ ⊙	720,00	90,00	12,00	4,00

continued on the following page



SALVIA bulleyana (flava v. megalantha)



SALVIA candidissima



SALVIA daghestanica



SALVIA jurisicii



SALVIA lyrata 'Purple Knockout'



SALVIA nutans



SALVIA pachyphylla

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>SALVIA continuation</b>								
SA 023	<i>farinacea</i> 'Victoria White',  40 cm, white flower panicles, uniform habit, VII-IX, Z8-10...	3	15		720,00	90,00	12,00	4,00
SA 034	<i>glutinosa</i> , 80 cm, light yellow, VII-IX, Z6-8 . . . . .	5	16		144,00	18,00	2,40	2,00
SA 053	<i>hians</i> , 60 cm, large grey felt-like foliage, light blue, VI-VI, Z5-8. . . . .	10	15		192,00	24,00	3,00	2,30
	<i>hispanica</i> - see <b>Organic Seed</b>							
SA 052	 <i>jurisicii</i> , 25 cm, feathery grey-green leaves, light-lilac, seldom pink and white, unpretentious, V-IX, Z5-8 . . . . .	2	15	  	320,00	40,00	5,00	2,50
SA 041	<i>lavandulifolia</i> ( <i>officinalis</i> var. <i>lavandulifolia</i> ), Spanish Sage, 40 cm, blue-violet, grey-green narrow foliage, aromatic, VI-VII, Z4-10 . . . . .	20	15	  	152,00	19,20	2,60	2,60
SA 044	 <i>lyrata</i> 'Purple Knockout' [ <i>Purple Vulcano</i> , <i>Purple Prince</i> , <i>Burgundy Bliss</i> ],  40 cm, flowers inconspicuous, wide and very decorative foliage, bronze-purple-red, V-VII, Z5-8. . . . .	3	16	  	260,00	32,00	4,20	2,10
	<i>miltiorrhiza</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>							
	<i>moorcroftiana</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
SA 049	<i>napulifolia</i> [ <i>Baby Blue</i> ], 60 cm, purple-violet, rich flowering, attractive foliage, V-VIII, Z5-8 . . . . .	3	15		380,00	46,00	5,80	3,20
SA 066	<i>nemorosa</i> 'Blaukönigin' [ <i>Blue Queen</i> ], 40 cm, blue-violet, compact, V-IX, Z4-8 . . . . .	3	15	  	780,00	96,00	12,00	4,80
SA 075	<i>nemorosa</i> 'Merleau Blue',  30 cm, brilliant blue-violet, very rich flowering, compact, well branched habit, first year flowering, V-IX, Z4-8, . . . . .			<b>approx. 800 seeds = 1g</b>				
SA 076	<i>nemorosa</i> 'Merleau Rose',  30 cm, brilliant rosy-red, very rich flowering, compact, well branched habit, first year flowering, V-IX, Z4-8, . . . . .	3	15	 	-	396,00	44,00	7,80
SA 078	<i>nemorosa</i> 'Merleau White',  30 cm, pure white, very rich flowering, compact, well branched habit, first year flowering, V-IX, Z4-8, . . . . .	3	15	 	-	396,00	44,00	7,80
SA 067	<i>nemorosa</i> 'Rosakönigin' [ <i>Rose Queen</i> , <i>Rosenwein</i> ], 60 cm, pink, V-IX, Z4-8 . . . . .	3	15	 	780,00	96,00	12,00	4,80
SA 036	<i>nemorosa</i> 'Violettköönigin' [ <i>Violet Queen</i> , <i>West-Friesland</i> ], 60 cm, violet, V-IX, Z4-8 (see also <b>Organic-Seeds</b> ) . . . . .	3	15	  	192,00	24,00	3,00	2,00
SA 039	 <i>nutans</i> , Nodding Sage, 100 cm, bright violet-blue, nodding flowerheads, VI-IX, Z5-8 . . . . .	3	15	 	24,00	-	3,00	2,00
	<i>officinalis</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>	5	16	 	-	-	24,00	7,20
SA 074	 <i>pachyphylla</i> ,  Blue Sage, Mojave Sage, 60 cm, blue-violet with purple bracts, grey aromatic foliage, semi-evergreen, VII-IX, Z5-10 . . . . .	10	15	 	-	-	16,00	6,20
SA 045	<i>patens</i> 'Blue Angel', 60 cm, ultramarine blue, loose panicles, hairy foliage, VI-X, Z7-10 . . . . .	10	15		476,00	56,00	7,20	5,80
SA 046	<i>pratensis</i> , 60 cm, blue, VI-VIII, Z3-8 (see also <b>Organic-Seeds</b> ) . . . . .	5	15		48,00	8,00	2,00	2,00
<b>pratensis Ballet-Series</b> , 50 cm, dense flower heads, rich flowering, very striking colours, VI-VIII, reblooms after dead heading, IX-X, Z3-8								
SA 050	 'Rose Rhapsody',  pale pink shades							
SA 064	 'Sky Dance',  light blue							
SA 047	 'Swan Lake',  white							
SA 063	 'Sweet Esmeralda',  intensive dark pink							
SA 061	 'Twilight Serenade',  blue-violet							
SA 062	 'Meadow Ballet Blend',  blue, violet, white and pink . . . . .	5	15	  	192,00	24,00	3,00	2,50
SA 056	 <i>recognita</i> , 100 cm, whitish-rose with red marked lip, large grey-green leaves, VII-VIII, Z5-8 . . . . .	20	9		358,00	45,00	5,60	5,60



SALVIA pratensis 'Rose Rhapsody'



SALVIA pratensis 'Swan Lake'



SALVIA pratensis 'Sweet Esmeralda'



SALVIA pratensis 'Twilight Serenade'



SALVIA pratensis 'Sky Dance'

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>SALVIA continuation</b>								
SA 054	[S] <i>ringens</i> , 60 cm, blue-lilac, VI-VIII, Z6-9 . . . . .	15	9	△	480,00	60,00	8,20	8,20
SA 065	[S] <i>roemeriana 'Arriba'™ [Hot Trumpets, Prairie Fire, Red Dwarf]</i> , [JEL AGM], 30 cm, brilliant scarlet red flowers, dense panicles, compact growth, round, aromatic foliage, flowers the first year, V-IX, Z7-10 . . . . .	3	15	① ② ③ △	432,00	48,00	6,20	4,20
SA 071	[S] <i>scabra 'Good Hope' [Saffina]</i> , [JEL], 40 cm, brilliant pink, dense flowering spikes, rich flowering, healthy and leathery foliage, flowers the first year until frost, V-IX, Z8-11 . . . . .	3	16	△ ① ②	–	128,00	16,00	6,00
SA 059	<i>scclarea</i> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
SA 059	<i>scclarea</i> var. <i>turkestanica</i> 'Vatican Pink', 75 cm, very large, white-pink bracts, compact and more attractive than the species, VI-VII, Z4-8 ( <i>see also Organic-Seeds</i> ) . . . . .	10	15	◎	144,00	18,00	2,40	2,00
SA 060	[S] <i>scclarea</i> var. <i>turkestanica</i> 'Vatican White', 75 cm, pure white flowers, large white bracts, compact and very attractive, VI-VII, Z4-8 . . . . .	10	15	◎	144,00	18,00	2,40	2,00
	x <i>superba</i> - see <i>nemorosa</i>							
SA 068	[S] <i>transsylvanica (baumgartenii) [Blue Spires, Blue Cloud]</i> , 80 cm, blue, VI-VIII, Z3-8 . . . . .	15	15	× ◎	256,00	32,00	4,00	2,00
SA 070	<i>verticillata</i> , 50 cm, lilac-blue, VII-IX, Z4-8 . . . . .	5	15	◎	192,00	24,00	3,00	2,00
SA 072	<i>verticillata</i> 'Alba' [White Rain], [JEL], 50 cm, pure white, VII-IX, Z4-8 . . . . .	5	15	◎	384,00	48,00	6,00	3,00
<b>SANGUINARIA (Papaveraceae)</b>								
SA 090	[S] <i>canadensis</i> , 20 cm, white, IV, Z3-8 . . . . .	15	1/6	✗ △ \$	–	72,00	7,80	4,00



SALVIA pratensis 'Meadow Ballet Blend'



SALVIA recognita



SALVIA ringens



SALVIA scabra 'Good Hope'



SALVIA roemeriana 'Arriba'™



SALVIA sclarea var. turk. 'Vatican White'



SALVIA transsylvanica



SALVIA ringens



SANGUINARIA canadensis



SANGUISORBA parviflora



SAPONARIA caespitosa



SAPONARIA ocymoides



SAPONARIA ocymoides 'Snow Tip'



SAPONARIA pumilio

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>SANGUISORBA</b> (Rosaceae)							
SA 094 <i>hakusanensis</i> , 60 cm, dark pink, arching flower spikes, grey-green foliage, VI-VIII, Z4-8 . . . . .	6	9	✗	–	–	–	4,20
SA 095 <i>menziesii</i> , 80 cm, brilliant black-red spikes, blue-grey feathered leaves, VI-VII, Z4-8 . . . . .	10	9	✗	–	–	9,80	5,40
minor - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
SA 093 <i>officinalis</i> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
SA 093 <i>parviflora</i> , 160 cm, white drooping spikes, tall pinnatifid foliage, VII-X, Z3-8 . . . . .	5	9	Sol ✗	–	128,00	16,00	5,40
SA 097 <i>tenuifolia</i> var. <i>tenuifolia f. alba</i> , 120 cm, white nodding flower spikes, feathered foliage, VII-IX, Z3-8 . . . . .	5	9	Sol ✗	608,00	76,00	9,60	4,30
<b>SANICULA europaea</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>SANTOLINA</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>SAPONARIA</b> (Caryophyllaceae)							
SA 134 <i>caespitosa</i> , 8 cm, pink, cushions, V-VI, Z6-8 . . . . .	1	1	△ △ ⚡	1152,00	144,00	18,00	9,00
SA 140 <i>lutea</i> , 7 cm, light yellow, V-VI, Z5-8 . . . . .	1	1	△ Ca	768,00	96,00	12,00	6,00
SA 148 <i>ocymoides</i> ,  30 cm, pink, V-VII, Z3-8 . . . . .	5	15	△ § ①	170,00	25,00	3,20	2,40
SA 150 <i>ocymoides</i> 'Snow Tip',  25 cm, pure white flowers, dark green foliage, VI-VII, Z3-8 (see also GOLD NUGGET SEED®).	5	9	△ § ①	320,00	40,00	5,00	3,50
SA 152 <i>officinalis</i> - see GOLD NUGGET SEED® + Perennial Herbs + Organic Seed							
SA 152 <i>pumilio</i> , 5 cm, pink, dense cushions, V-VI, Z5-8 (see also GOLD NUGGET SEED®) . . . . .	3	1	△ △ Ca	–	–	–	9,80
<b>SAPOSHNIKOVIA</b> - see Perennial Herbs - Culinary, Teas and Medicinal							
<b>SARRACENIA</b> (Sarraceniaceae)							
SA 159 <i>flava</i> , Yellow Pitcher Plant, 50 cm, bright yellow, light green pitcher leaves, IV-VI, Z5-8 . . . . .	2	8	*** ✗ *	–	420,00	46,00	6,80
SA 160 <i>purpurea</i> , Common Pitcher Plant, 30 cm, dark red-brown nodding blossoms, green-red pitcher-leaves, VII-VIII, Z2-9 . . . . .	2	1	*** Ca	–	320,00	36,00	6,80
SA 161  species 'New Hybrids', Pitcher Plants, 20-40 cm, redbrown to yellow blossoms, upright and flat growing pitcher-leaves with variable markings, Hybrids of cultivars and their species, VII-VIII, Z3-10 . . . . .	2	1	*** ✗ Ca *	–	360,00	46,00	6,80
<b>SARUMA</b> (Aristolochiaceae)							
SA 162 <i>henryi</i> , 40 cm, brilliant sulphur yellow flowers, heart shaped hairy leaves, related to ASARUM, permanent flowering, IV-IX, Z5-8 . . . . .	8	19	△ Ⓢ	768,00	96,00	12,00	6,00
<b>SATUREJA</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>SAXIFRAGA</b> (Saxifragaceae)							
SA 180 <i>aizoides</i> , 6 cm, yellow-orange, mat-like, VI-VIII, Z4-7 . . . . .	0,25	1	△	–	–	8,00	3,00
saizoon - see paniculata							
SA 196 <i>x arendsi 'Blütenteppich'</i> [Floral Carpet], 20 cm, bright pink, variable, V, Z3-7							
SA 200 <i>x arendsi 'Purpurteppich'</i> [Purpurmantel, Purple Robe], 20 cm, purple-carmine, variable, V, Z3-7							
SA 202 <i>x arendsi 'Schneeteppech'</i> [Frühlingsschnee, Snow Carpet], 25 cm, white, produces mossy mats, V, Z3-7							
SA 206 <i>aspera</i> , 10 cm, cream-yellow, mat-forming, VII-VIII, Z5-8 . . . . .	0,25	1	△ △ Ca	–	–	16,00	4,00
SA 214 <i>biflora</i> , 5 cm, purple, 2-3 blossoms on numerous stems, V-VI, Z5-8 . . . . .	0,25	1	△	–	–	24,00	4,00
SA 224 <i>cochlearis</i> , Spoon-Leaved Saxifrage, 15 cm, pure white, green rosettes, VI-VII, Z5-8 . . . . .	0,25	1	△ △	–	–	26,00	4,00
SA 230 <i>cotyledon 'Pyramidalis'</i> , 60 cm, pyramidal, white blossom panicles, V-VI, Z5-8 . . . . .	0,25	1	✗ △ Ca	320,00	40,00	5,00	2,50
<b>NEW!</b> SA 236 <i>cymbalaria</i> , Celandine Saxifrage, 10 cm, golden yellow florets, rich flowering, mostly short lived, V-VIII, Z6-9 . . . . .	0,1	1	△ w>	–	–	–	3,80
SA 238 <i>exarata</i> , 10 cm, white, cushions, V-VI, Z3-6 . . . . .	0,5	9	△	–	–	24,00	6,00
SA 242 <i>granulata</i> , 30 cm, white, V-VI, Z3-8 . . . . .	0,5	1	△	480,00	60,00	7,60	3,20
SA 248 <i>hostii</i> , 40 cm, white, rosettes, V-VII, Z3-8 . . . . .	0,5	1	△ D	–	96,00	12,00	2,00
SA 256 <i>longifolia</i> , 20 cm, white, only 1 rosette, blossom panicle up to 70 cm, VII, Z5-8 . . . . .	0,25	1	△	–	–	92,00	9,80
SA 260 <i>manschuriensis</i> , 40 cm, white, VI-VII, Z4-7 . . . . .	0,25	1	△	–	–	24,00	6,00
SA 262 <i>marginata</i> , 5 cm, white, V-VI, Z6-9 . . . . .	0,25	1	△	–	288,00	36,00	6,00
SA 268 <i>oppositifolia</i> , 5 cm, pink - wine-red, flat cushions, almost stemless, blooms after snow melts, III-V, Z2-7 . . . . .	0,25	1	△ D	–	–	42,00	6,00
SA 188 <i>paniculata</i> ( <i>saizoon</i> ), 20 cm, white, silver-grey rosettes, V-VI, Z2-7 . . . . .	0,25	1	△	–	–	36,00	4,50
SA 192 <i>paniculata</i> ssp. <i>brevisolia</i> ( <i>saizoon minor</i> ), 15 cm, white, very small rosettes, V-VI, Z2-7 . . . . .	0,25	9	△	768,00	96,00	12,00	4,00
SA 280 <i>rotundifolia</i> , 35 cm, white, semi-shade, V-VI, Z4-8 . . . . .	0,5	16	△	–	–	–	3,20
SA 294 <i>umbrosa</i> ( <i>x urbium</i> ) 'Elliott's Variety',  30 cm, pink, compact, V-VI, Z6-9 . . . . .	0,5	1	△	512,00	64,00	8,00	4,00

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>SCABIOSA</b> (Dipsacaceae)								
SB 236	<i>canescens</i> , 50 cm, light blue, pinnatifid foliage, VII-XI, Z5-8.....	10	15	① ✕ ♂	320,00	40,00	5,00	2,50
SB 240	<i>caucasica 'Fama Deep Blue'</i> , 50 cm, intense blue, darkest of all, VI-IX, Z4-8 .....	35	15	② ✕	840,00	90,00	12,00	9,80
SB 241	<i>caucasica 'Fama White'</i> , 50 cm, pure white, large flowering, VI-IX, Z4-8 .....	35	15	③ ✕	840,00	90,00	12,00	9,80
ST 244	<i>caucasica 'Perfecta' [Blue Perfection]</i> , 50 cm, lavender blue, VI-IX, Z4-8, .....	35	20	JET® - rubbed seed	256,00	32,00	4,00	4,00
ST 246	<i>caucasica 'Perfecta Alba' [White Perfection]</i> , 50 cm, white, VI-IX, Z4-8, .....	35	20	JET® - rubbed seed	256,00	32,00	4,00	4,00
ST 247	<i>caucasica 'Isaac House Hybr.' [Spielarten]</i> , 60 cm, white and blue shades, VII-IX, Z4-8, .....	35	20	JET® - rubbed seed	224,00	28,00	3,60	3,60
SB 252	<i>columbaria</i> , 60 cm, light blue, VI-IX, Z5-8 .....	10	15	✖ ✕ ♂	144,00	18,00	2,50	2,50
SB 251	⊗ <i>columbaria f. nana [Pincushion Blue]</i> , 25 cm, blue, VI-IX, Z5-8 .....	5	15	△ ⚡ ④	320,00	42,00	5,80	3,20
SB 250	⊗ <i>columbaria f. nana 'Pincushion Pink'</i> , JEL, 25 cm, soft pink, VI-IX, Z5-8 .....	5	15	△ ⚡ ⑤	320,00	42,00	5,80	3,20
SB 249	<i>columbaria 'Misty Butterflies'</i> , JEL, 25 cm, soft pink to lavender blue, large flowering, compact, VI-IX, Z5-8 .....	5	15	△ ⚡ ⑥	240,00	36,00	5,20	2,90
SB 253	<i>graminifolia [Powder Pink]</i> , 35 cm, light lilac, wiry stems, lanceolate foliage, VI-IX, Z6-9 .....	30	15	✖ ✕ △	384,00	48,00	6,20	6,20
SB 254	<i>japonica</i> var. <i>alpina [Blue Star]</i> , 25 cm, violet-blue, VI-X, Z5-8 .....	5	15	③ △ ⚡	320,00	42,00	5,80	3,20
SB 261	⊗ <i>japonica</i> var. <i>alpina 'Ritz Blue'</i> , 20 cm, sky blue, rich flowering, compact habit, very vigorous, first year flowering from seed, VI-IX, Z5-8 .....	3	15	④ ⚡ △	-	192,00	24,00	6,00

continued on the following page



SARRACENIA flava



SARRACENIA purpurea



SARRACENIA species 'New Hybrids'



SARUMA henryi



SAXIFRAGA longifolia



SCABIOSA columbaria f. nana



SCABIOSA columbaria 'Pincushion Pink'



SCABIOSA jap. var. alpina 'Ritz Blue'



SCABIOSA jap. var. alpina 'Ritz Rose'

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	N°. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>SCABIOSA continuation</b>								
SB 263		japonica var. alpina 'Ritz Rose'	20 cm, pink, rich flowering, compact habit, very vigorous, first year flowering from seed, VI-IX, Z5-8 . . . . .	3	15		–	192,00
SB 256		Iachnophylla 'Blue Horizon'	, JEL, 60 cm, violet-blue, abundant flowering until first frost, upright and sturdy habit, leathery pinnatifid foliage, VII-X, Z4-9 . . . . .	7	15		580,00	72,00
SB 258		ochroleuca ( <i>columbaria</i> ssp. <i>ochroleuca</i> )	, 80 cm, light yellow, VI-X, Z5-8 <i>(see also Organic-Seeds)</i> . . . . .	10	16		256,00	32,00
SB 257		ochroleuca 'Moon Dance' [Pixie Yellow]	, JEL, 40 cm, light yellow, pincushion like flowers, abundant flowering, compact, dwarf habit, fine pinnatifid foliage, an outstanding selection by the University of Georgia, VI-X, Z5-8 . . . . .	5	16		–	44,00
<b>SCHIVERECKIA</b> (Brassicaceae, Cruciferae)								
SB 269		doerfleri (DRABA)	, 5-10 cm, white, dense blossom racemes, mat-forming, IV-V, Z5-8 . . . . .	0,5	9		–	–
<b>SCHIZOSTYLIS</b> (Iridaceae)								
NEW! SB 272		coccinea (HESPERANTHA)	, Kaffir Lily, 70 cm, brilliant pink to red colors, VII-IX, Z7-9 . . . . .	2	16		–	–
<b>SCILLA</b> (Hyacinthaceae, Liliaceae)								
SB 275		hyacinthoides	, 60 cm, purple, vigorous foliage, V-VI, Z3-9 . . . . .	20	15		96,00	14,00
		non-scripta	- see HYACINTHOIDES non-scripta					2,00
<b>SCLERANTHUS</b> (Ilecebraceae, Caryophyllaceae)								
SB 277		biflorus ssp. uniflorus	, Knawel Cushion, 5 cm, small inconspicuous flowers, dense, compact, mosslike cushions, VII-VIII, Z5-9 . . . . .	1	9		1152,00	144,00
<b>SCOPOLIA</b> (Solanaceae)								
SB 278		carniolica	, 60 cm, brownish-violet, IV-V, Z4-8 . . . . .	5	1		512,00	64,00
<b>SCROPHULARIA</b> (Scrophulariaceae)								
SB 293		macrantha	, PS, Red Birds in a Tree, 60 cm, showy crimson tubular flowers, shrubby habit, rich green serrated foliage, V-IX, Z4-9 . . . . .	1	15		–	–
SA 300		alpina	, 25 cm, upper lip blue, lower lip white, VI-VIII, Z5-8 . . . . .	2	9		–	96,00
SA 303		alpina 'Arcobaleno'	, JEL, 25 cm, color display of blue-violet, light blue, white, rose and light yellow flowers, VI-IX, Z5-8 . . . . .	2	9		448,00	56,00
SA 302		alpina 'Moonbeam'	, JEL, 25 cm, light yellow with golden lip, abundant flowering cushions, V-VIII, Z5-8 . . . . .	2	9		536,00	68,00
SA 304		altissima	, 70 cm, blue-violet, VI-VII, Z5-8 . . . . .	2	16		–	40,00
								5,00
								2,50



SCABIOSA lachnophylla 'Blue Horizon'



SCABIOSA ochroleuca 'Moon Dance'



SCROPHULARIA macrantha



SCHIZOSTYLIS coccinea



SCILLA hyacinthoides

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>SCUTELLARIA continuation</b>									
SA 308	baicalensis [Oriental Blue, Siberian Magic] (see also Organic-Seeds)	30 cm, blue, VII-IX, Z4-8	5	9	△ \$ Ⓛ	400,00	48,00	6,00	3,00
SA 311	galericulata, Swamp Skullcap, 40 cm, violet-blue, VI-IX, Z4-7	1	2	⌘ Ⓛ	256,00	32,00	4,00	3,20	
SA 312	incana, 80 cm, large light blue flowers, upright habitat, VIII-IX, Z5-8	4	8		–	62,00	7,00	3,50	
SA 313	integerrifolia, Hyssop leaved Skullcap, 40 cm, blue-violet with white lip, rich flowering, upright branched panicles, lanceolate foliage, V-VIII, Z5-8	3	8	△ \$ Ⓛ	300,00	48,00	8,00	3,20	
SA 314	orientalis, Oriental Skullcap, 20 cm, yellow, low cushions, very variable, VI-VIII, Z5-8	2	9	△	–	76,00	9,60	4,80	
SA 316	orientalis var. pinnatifida, 15 cm, yellow, green feathery foliage, VII-IX, Z5-8	2	9	△	–	192,00	24,00	5,20	
SA 319	pontica, 15 cm, red-purple, grey leaved, VI-VIII, Z6-8	2	9	△	256,00	32,00	4,00	2,00	
SA 318	resinosa 'Smoky Hills', (PS) Prairie Scullcap, 20 cm, blue-violet, rich flowering, bushy habit, VI-IX, Z4-8	2	16	△ D	1540,00	192,00	24,00	5,20	
SA 317	suffrutescens 'Cherry Skullcap', (PS), 15 cm, cherry-red blossoms, abundant flowering, forms dense cushions, VII-IX, Z6-9	2	16	△	–	256,00	32,00	7,20	
<b>SECURIGERA (Papilionaceae, Leguminosae)</b>									
CA 644	varia (CORONILLA), 40 cm, pink-white, abundant flowers, climbing, V-IX, Z4-9	pure seed	10	16/10	vv> Ⓛ	32,00	8,00	2,00	2,00



SCLERANTHUS biflorus ssp. uniflorus



SCOPOLIA carniolica



SCUTELLARIA alpina 'Arcobaleno'



SCUTELLARIA baicalensis



SCUTELLARIA incana



SCUTELLARIA integrifolia



SCUTELLARIA pontica



SCUTELLARIA resinosa 'Smoky Hills'



*SCUTELLARIA suffrutescens 'Cherry Skullcap'*



*SEDMUM forsterianum 'Silver Stone'*



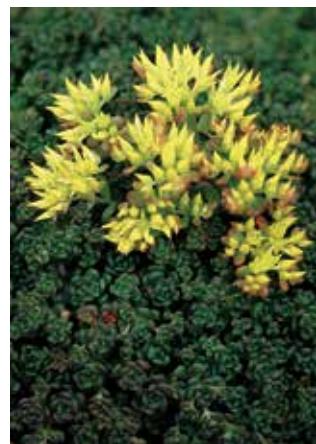
*SEDMUM hispanicum*



*SEDMUM acre 'Oktoberfest'*



*SEDMUM hybridum 'Czar's Gold'*



*SEDMUM middendorffianum var. striatum*

*SEDMUM oreganum*

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>SEDUM</b> (Crassulaceae)							
SA 320 acre [Golden Carpet], Wallpepper, 6 cm, yellow, mat-forming, VI-VII, Z4-8 . . . . .	0,5	4/15	△ w> \$ *	336,00	42,00	5,40	2,70
SA 322 acre 'Oktoberfest', [JEL], 6 cm, bright cream-white starflowers, fresh green cushions, mat-forming, VI-VIII, Z4-8 . . . . .	0,25	4/15	△ w>	768,00	96,00	12,00	4,00
SA 324 aizoon, 40 cm, yellow with brown, abundant flowers, VII-VIII, Z6-9 . . . . .	0,5	4/15	△ ✕	368,00	46,00	5,80	2,90
SA 328 album, 10 cm, white umbel panicles, VI-VIII, Z4-8 . . . . .	0,25	4/15	△ w> *	420,00	54,00	7,00	3,50
SA 368 ellacombianum (selskianum hort.) [Selsie, Spirit, Yellow Stars], [AGM], 10 cm, yellow, VI-VIII, Z4-9 . . . . .	0,5	4/15	△ ✕ *	336,00	42,00	5,40	2,70
SA 348 floriferum, 10 cm, golden, evergreen, crenate foliage, VII-VIII, Z6-9 . . . . .	0,5	4/15	△ w>	680,00	86,00	10,00	5,00
SA 349 forsterianum ssp. elegans 'Silver Stone', [JEL], 25 cm, bright yellow starry-flowered corymbs, attractive, soft, blue-green foliage, often tinged pinkish, tight rosettes, VI-VIII, Z4-9 . . . . .	0,25	4/16	* △ w>	768,00	96,00	12,00	4,00
SA 363 glaucophyllum (nevii), 10 cm, white umbel-racemes, early flowering, blue-green cushions, also for partial shady places, IV-VI, Z5-8 . . . . .	0,25	16	△ ✕	–	–	36,00	6,00
SA 350 hispanicum, 10 cm, whitish-pink, grey-green cushions, fast growing, often short lived, V-VI, Z6-10 . . . . .	0,25	15	△ □ ✕	1150,00	144,00	18,00	4,50
SA 352 hybridum 'Czar's Gold', [JEL], 15 cm, golden, rich flowering, reddish stems, growing evergreen carpets, outstanding groundcover, V-VIII, Z3-8 . . . . .	0,25	16	w> △	512,00	64,00	8,00	4,00
SA 356 kamtschaticum, [AGM], 15 cm, orange-yellow, VIII-IX, Z4-9 . . . . .	0,5	4/16	△ ✕	768,00	96,00	12,00	4,00
kamtschaticum var. ellacombianum - see ellacombianum							
SA 358 lanceolatum, 10 cm, yellow, foliage sometimes powdery, bronze color in fall, VIII-X, Z5-8 . . . . .	0,5	4/16	△ w>	–	–	36,00	6,00
SA 353 middendorffianum var. middendorffianum, 25 cm, golden, reddish seedheads, narrow foliage, dense clumps, vigorous, VII-IX, Z4-9 . . . . .	0,25	4/16	△ ✕	448,00	74,00	12,00	4,00
SA 357 middendorffianum var. striatum, 10 cm, golden, reddish seed heads, forms dense cushions, very narrow bronze-green foliage, evergreen, VII-VIII, Z6-9 . . . . .	0,25	15	△ ✕	–	324,00	36,00	6,20
SA 355 montanum, 20 cm, golden, mostly dark green needle-like foliage, VI-VIII, Z6-9 . . . . .	0,5	4/15	△ w>	768,00	96,00	12,00	4,00
SA 354 montanum ssp. orientale, 20 cm, golden, blue-grey needle-like foliage, VI-VIII, Z6-9 . . . . .	0,5	4/15	△ ✕	960,00	120,00	15,00	5,00
SA 351 obtusifolium var. listoniae, 10 cm, brilliant pink, flat leaf-rosettes, VII-VIII, Z6-9 . . . . .	0,25	4/16	△ □	–	288,000	36,00	6,00
SA 367 ochroleucum (anopetalum), 25 cm, creamy-white flower umbels, compact blue-green foliage, VI-VIII, Z5-9 . . . . .	0,25	4/16	△ w> ✕	–	120,00	15,00	5,00
SA 360 oreganum, 5 cm, yellow, forms cushions, red-brown in sunlight, VI-VIII, Z5-8 . . . . .	0,5	4/8	△ □ ✕	1400,00	176,00	22,00	4,00
SA 362 populifolium (HYLOTELEPHIUM), 30 cm, white umbels with pink tinge, strongly-toothed wide leaves, VII-VIII, Z2-8 . . . . .	0,1	4/15	* △	–	–	36,00	6,00
SA 359 pulchellum [Seastar], 10 cm, brilliant pink, rich flowering, lush green foliage, tolerates shade and moist places, short lived, V-VII, Z6-10 . . . . .	1	4/16	△ w> ♀	576,00	72,00	9,00	4,50
SA 364 reflexum (rupstre), Stone Orpine, 30 cm, yellow, grey leaves, VI-VIII, Z4-9 (see also Organic-Seeds) . . . . .	0,5	4/15	△ w> N \$ *	336,00	42,00	5,40	2,70
rhodanthum - see RHODIOLA rhodantha							
roseum - see RHODIOLA rosea							
SA 387 rubens 'Lizard', 10 cm, pink-white, dense cushions, interesting structure plant, annual, VI-VII, Z6-10	0,2	4/15	△ ✕	2260,00	252,00	28,00	6,00
SA 366 sediforme, Pale Stonecrop, 40 cm, straw-coloured umbels, upright habit, grey-blue foliage, leaf shoots thicker than S. reflexum, VI-VIII, Z6-10 . . . . .	0,25	4/16	△ w> ✕	768,00	96,00	12,00	4,00

continued on the following page



SEDUM pulchellum



SEDUM selskianum 'Goldilocks'



SEDUM spurium 'Summer Snow'



SEDUM spurium 'Summer Glory'



SEDUM stenopetalum



**SEDUM ussuricense**



**SELINUM wallichianum**



**SEMPERVIVUM arachnoideum**



**SEMPERVIVUM montanum**

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>SEDUM continuation</b>							
SA 369 <b>selkianum hort.</b> - see <b>ellacombianum</b>							
SA 369 <b>selkianum (true) 'Goldilocks'</b> , , 20 cm, golden, rich flowering, narrow leaves, clump forming, fine hairs cover the entire plant, flowering the first year from seed, VIII-IX, Z4-8	0,25	4/15	△	512,00	64,00	8,00	4,00
semenowii - see <b>RHODIOLA semenowii</b>							
SA 371 <b>sexangulare</b> , 8 cm, lemon yellow, dense sweet tasting foliage, VII-VIII, Z4-9	0,25	4/9		480,00	62,00	7,80	3,90
SA 376 <b>spurium var. coccineum [Splendens, Purple Carpet]</b> , 15 cm, dark pink, VII-IX, Z5-9	0,5	4/16	△	420,00	54,00	7,00	3,50
SA 374 <b>spurium 'Summer Glory'</b> , , 15 cm, intense dark pink flowers, fresh green, healthy foliage, very vigorous, VII-IX, Z5-9	0,5	4/16	△	576,00	72,00	9,00	4,50
SA 375 <b>spurium 'Summer Snow'</b> , , 15 cm, pure white with pink stamens, fresh green healthy foliage, very vigorous, VII-IX, Z5-9	0,5	4/16	△	576,00	72,00	9,00	4,50
SA 377 <b>spurium 'Voodoo'</b> , , 15 cm, neon-pink, intense deep red foliage, round habit, variable, VII-IX, Z5-9	0,25	9	△	-	882,00	98,00	5,00
SA 381 <b>stenopetalum</b> , 15 cm, pale yellow umbels, glossy green foliage with reddish tinge, flower stalks with numerous adventitious buds, VI-VIII, Z5-8	0,5	4/16	△	768,00	96,00	12,00	4,00
SA 378 <b>stoloniferum</b> , 20 cm, pink, starshaped flowers, red stems, groundcover for shady places, VI-VII, Z6-9	0,25	9	△	576,00	72,00	9,00	4,50
SA 379 <b>takesimense</b> , 40 cm, golden umbels, large flowering, strong leaf-rosettes with fresh-green serrate foliage, evergreen, VII-IX, Z6-9	0,2	4/15	△	980,00	148,00	22,00	7,20
SA 380 <b>telephium ssp. maximum</b> , 40 cm, yellowish-white umbels, green foliage, VIII-X, Z4-9	0,25	1		768,00	96,00	12,00	4,00
SA 382 <b>telephium 'Emperor's Waves'</b> , , 40 cm, dense purple-red umbels, mostly dark stemmed, strong blue-green foliage, VIII-IX, Z4-9	0,25	16		-	480,00	62,00	4,80
SA 386 <b>ternatum</b> , 8 cm, white, cushion-forming, attractive foliage, not invasive, also for shade, early flowering, V-VI, Z5-9	0,25	4/8		-	-	92,00	4,80
SA 388 <b>ussuriense [Pink Beacon]</b> , 35 cm, carmine-red umbels, dark green, later bronze coloured foliage, VII-X, Z4-9	0,25	4/16	△	-	176,00	22,00	5,00
SA 390 <b>Mixture</b> of many nice varieties, also for roof gardens, up to 40 cm, V-IX, Z5-8	0,25	4/16	△	336,00	42,00	5,40	2,70
<b>SELINUM (Apiaceae, Umbelliferae)</b>							
SA 396 <b>wallichianum (CORTIA) (tenuifolium)</b> , 120 cm, white umbels, fine feathered foliage, red stems, VI-VIII, Z6-9	5	16		736,00	92,00	12,00	6,00
<b>SEMPIAQUILEGIA (Ranunculaceae)</b>							
SA 398 <b>ecalcarata</b> , 20 cm, violet-purple, VI-VII, Z4-8	2	8	△	992,00	124,00	16,00	8,00
<b>SEMPERVIVUM (Crassulaceae)</b>							
SA 402 <b>arachnoideum</b> , , 12 cm, red, small rosettes, silvery webbed, VII-VIII, Z3-8	0,25	9	△	-	384,00	48,00	6,00
heuffelii - see <b>JOVIBARBA heuffelii</b>							
SA 403 <b>montanum</b> , 10 cm, green rosettes, dull red flowers, VI-VIII, Z4-8	0,5	9	△	-	368,00	46,00	6,00
SA 404 <b>tectorum</b> , , 25 cm, dull purple flowers, large rosettes, VI-VIII, Z3-8	0,5	9	△	-	342,00	38,00	5,00
SA 400 <b>hybridum winter hardy varieties</b> , 25 cm, abundant mixture of small and large rosette types and cultivars, VI-VIII, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> )	0,5	9	△	2320,00	272,00	32,00	4,50
<b>SENECIO (Asteraceae, Compositae)</b>							
SA 412 <b>doria</b> , 80 cm, golden umbel-clusters, attractive blue-green foliage, leathery, up to 40 cm long, VII-IX, Z5-8	3	9		-	42,00	6,00	3,00
SA 415 <b>incanus</b> , 10 cm, egg yolk yellow umbels, grey feltlike leaves, VI-VIII, Z4-8	1	9	△	-	-	-	5,00
SA 411 <b>integrifolius ssp. capitatus</b> , 25 cm, orange-red flower umbels, grey-white woolly leaves, VI-VII, Z6-8	3	9	△	-	-	-	4,50
SA 416 <b>nemorensis ssp. fuchsii</b> , 100 cm, yellow flowers, red-brown stems, VII-IX, Z5-8	2	16		192,00	24,00	3,00	2,00
SA 418 <b>polyodon</b> , 40 cm, lilac-rose, abundant flowering, VII-IX, Z6-9	1	16		512,00	64,00	8,00	4,00
<b>SENNA - see CASSIA</b>							
<b>SERRATULA tinctoria</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>							
<b>SESELI (Apiaceae, Umbelliferae)</b>							
SA 421 <b>elatum ssp. osseum</b> , Mountain Fennel, 80 cm, white umbels, evergreen clumps, aromatic, monocarpic, VI-VII, Z6-9	5	16		520,00	62,00	7,20	3,60
SA 424 <b>gracile</b> , 50 cm, yellow umbels, dense fennel like compact habit, IV-VI, Z5-8	3	16		-	24,00	3,20	3,20
SA 422 <b>gummiferum [Moon Carrot]</b> , , 80 cm, large white umbels, blue-grey leaves, very good cut flower, short living, VII-VIII, Z5-8	5	16	△	540,00	64,00	8,00	4,00

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	N° of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>SIBBALDIA</b> (Rosaceae)								
SA 430	<b>procumbens</b> , Creeping Glow Wort Sibbaldia, 5 cm, yellow umbels, three parted foliage, VII-VIII, Z1-6 .....	2	16	△ ↗	–	–	24,00	3,20
<b>SIDA</b> (Malvaceae)								
SA 432	<b>hermaphrodita</b> , Virginia Mallow, 250 cm, white, mallow-shaped foliage, upright bushes, bio-energy-plant, V-VIII, Z4-9 ( <i>see also GOLD NUGGET SEED®</i> ) .....	20	9	Sol Ⓢ	160,00	28,00	4,80	4,80
<b>SIDALCEA</b> (Malvaceae)								
SA 434	<b>candida 'Bianca'</b> , ☼, 90 cm, white, VI-VIII, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	10	1	✗	288,00	36,00	4,60	3,50
SA 436	<b>Malviflora-Hybr. 'Partygirl' [Rosanna]</b> , 100 cm, carmine-rose, VII-IX, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	10	9	⊗ ✗	196,00	24,00	3,20	2,40
SA 437	<b>Malviflora-Hybr. 'Rosaly'</b> , ☼, 120 cm, soft pink, VII-IX, Z5-8 ( <i>s. a. GOLD NUGGET SEED®</i> ) .....							
SA 440	<b>malviflora 'Starks Hybr.'</b> , 100 cm, rosy-red, VII-IX, Z5-8 .....							
<b>SIDERITIS</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>SIEGESBECKIA</b> - see Perennial Herbs - Culinary, Teas and Medicinal								
<b>SILENE</b> see also <b>LYCHNIS</b> (Caryophyllaceae)								
SA 450	<b>acaulis</b> , 10 cm, pink, V-VI, Z2-7 .....	1	15	△	–	320,00	40,00	7,00
SA 454	<b>alba (latifolia)</b> , 45 cm, white, V-X, Z5-8 ( <i>see also Organic-Seeds</i> ) .....	5	15		48,00	8,00	2,00	2,00
SA 458	<b>alpestris (HELIOSPERMA alpestre)</b> , 15 cm, white, VI-VIII, Z4-8 .....	0,5	15	△	992,00	124,00	16,00	4,00
	atropurpurea - see LYCHNIS viscaria ssp. atropurpurea							
	baccifer - see CUCUBALUS baccifer							
SA 463	<b>caroliniana ssp. wherryi [Hot Pink, Celina]</b> , 15 cm, pink, rich-flowering, cushion forming, V-VII, Z4-8 .....	3	15	⊗ △	1024,00	128,00	16,00	3,20
	chalcedonica - see LYCHNIS							
	coronaria - see LYCHNIS							
SA 466	<b>dioica (MELANDRIUM rubrum)</b> , 80 cm, light purple-red, V-IX, Z5-8 ( <i>see also Organic-Seeds</i> ) .....	5	15		48,00	8,00	2,00	2,00
SA 468	<b>elisabethae</b> , Elisabeth's Catchfly, 15 cm, bright rosy-red, large blossoms, glossy green leaf-rosettes, VII-VIII, Z6-9 .....	1	8	△ ⊕	–	–	–	9,80
	flos-cuculi - see LYCHNIS							
	flos-jovis - see LYCHNIS							
	maritima - see uniflora							
SB 452	<b>nutans</b> , Nottingham Catchfly, 40 cm, white nodding flowers, VI-VIII, Z5-8 .....	3	16		72,00	12,00	2,00	2,00
SB 454	<b>orientalis (compacta)</b> , 75 cm, dark pink blossom clusters, VI-IX, Z5-8 .....	0,5	15	✗ ⊖	256,00	32,00	4,00	2,00
	pendula - see caroliniana ssp. wherryi							
SB 460	<b>regia</b> , 50 cm, carmine, VI-VIII, Z4-8 .....	2	15		–	96,00	12,00	4,00
SB 464	<b>schafta 'Persian Carpet'</b> , ☼, 15 cm, brilliant dark pink, horizontal cushions, more compact and richer flowering than 'Splendens', VII-IX, Z4-8 .....	2	15	△ ⊕	–	–	18,00	4,20

*continued on the following page*

**SENECON polyodon**

**SESELI gracile**

**SESELI gummiferum**

**SIDALCEA candida 'Bianca'**

**SILENE acaulis**



SILENE regia



SILENE uniflora 'Weiße Kehlchen'



SILENE schafta 'Shell Pink'



SILPHIUM mohrii



SISYRINCHIUM idahoense var. macounii 'Moody Blues'



SISYRINCHIUM angustifolium f. album



SISYRINCHIUM californicum

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nr. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>SILENE continuation</b>								
SB 465		schafta 'Shell Pink', , 15 cm, brilliant soft pink, rich flowering, light green foliage, compact habit, horizontal cushions, VII-IX, Z4-8 . . . . .	1	15	△ ☀	–	–	18,00 4,20
SB 466		schafta 'Splendens' [ <i>Rosy Gem, Moss Champion</i> ], , 20 cm, pink, abundant flowers, VIII-IX, Z4-8 . . . . .	2	15	△ ☀	480,00	62,00	7,80 3,90
		suecica - see LYCHNIS alpina						
SB 475		tatarica, 60 cm, white starflowers, rich flowering, fragrant, lanceolate foliage, VI-VIII, Z4-9 . . . . .	1	15	❀	140,00	18,00	2,40 2,00
SB 482		uniflora 'Compacta', , 10 cm, light pink, grey-green foliage, compact cushions, rich flowering, VI-VIII, Z3-8 . . . . .	2	16	⊗ △ ⚡	320,00	40,00	5,00 2,50
SB 450		uniflora (maritima) 'Weißeckchen' [ <i>Icecups, Robin White Breast</i> ], 20 cm, white, single, abundant flowers, VI-VIII, Z3-8 . . . . .	2	16	⊗ △ ⚡	480,00	62,00	7,80 3,90
		viscaria - see LYCHNIS						
SB 470		vulgaris, 60 cm, white, rarely pink, V-IX, Z2-8 . . . . .	5	16	△	48,00	8,00	2,00 2,00
SB 478		zawadskii, 20 cm, white panicled racemes, glossy green leaf rosettes, VI-VIII, Z4-8 . . . . .	2	9	△	240,00	30,00	3,80 2,00
<b>SILPHIUM (Asteraceae, Compositae)</b>								
SA 490		integrifolium, 120 cm, large yellow flowers, clump forming, VII-IX, Z5-8 . . . . .	40	9	Sol	192,00	24,00	3,00 5,00
SA 494		laciniatum, Compass Plant, 200 cm, yellow, flowers always turn eastwards, deeply pinnatifid leaves, VII-IX, Z4-8 . . . . .	40	9	Sol ✕	160,00	20,00	2,00 5,00
SA 495		mohrii, 160 cm, brilliant creamy yellow blossoms, rich flowering, sturdy branched stems, healthy hirsute foliage, clumping habit, VII-XI, Z4-8 . . . . .	30	9	Sol ✕	384,00	48,00	6,40 5,20
SA 496		perfoliatum, , 200 cm, yellow, large flowering, branched inflorescence, bio-energy-plant, VII-IX, Z4-8 . . . . .	50	9	Sol ⚡	120,00	16,00	2,00 5,00
SA 498		terebinthinaceum, 150 cm, yellow flowers, striking leaves resemble elephant ears, approx. 60 cm, VII-IX, Z4-8 . . . . .	50	9	Sol	192,00	24,00	3,00 5,00
<b>SILYBUM marianum</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>SISYRINCHIUM (Iridaceae)</b>								
SA 510		angustifolium ( <i>bermudianum</i> ), 20 cm, violet, V-VI, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	9	△	240,00	30,00	4,00 2,00
SA 511		angustifolium f. album, 20 cm, white with yellow eye, V-VI, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	9	△	240,00	30,00	4,00 2,00
SA 514		bellum, 20 cm, blue-violet, V-VI, Z7-10 . . . . .	5	9	△ ☀	192,00	24,00	3,00 2,00
SA 522		californicum (brachypus) [ <i>Yellow Stone</i> ], 30 cm, golden, V-VII, Z6-10 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	9	△ ☀	–	64,00	8,20 4,10
NEW! SA 530		idahoense var. macounii 'Moody Blues', , 15 cm, brilliant violet-blue with yellow eye, large flowering, narrow foliage, densely compact leaf clumps, V-VII, Z4-9 . . . . .	5	16	△ ☀ ⚡	320,00	42,00	5,40 2,80
SA 534		striatum, 65 cm, light yellow panicles, VI-VII, Z6-10 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	9	✖ △	360,00	46,00	6,00 3,00
<b>SMILACINA (MAIANTHEMUM) (Convallariaceae, Liliaceae)</b>								
SA 550		racemosa, , 90 cm, blossom panicles 15 cm, soft yellow, rich flowers, very decorative, ivory colored berries at first, maturing to light red, V-VI, Z3-8 . . . . .	100	19	❖	72,00	12,00	2,00 4,60
SA 552		stellata, Star Flower, 40 cm, white flower panicles, lanceolate leaves, VI-VIII, Z2-8 . . . . .	40	1	❖	180,00	24,00	3,00 7,20
<b>SMYRNIMUM (Apiaceae, Umbelliferae)</b>								
SA 554		olusatum, Black Lovage, Alexanders, 120 cm, greenish-yellow umbels, substitute for Celery, V-VII, Z7-10 . . . . .	80	1	⊖ ✕ ⚡	60,00	8,00	2,00 4,00
SA 555		perfoliatum, 60 cm, large, green-yellow bracts, mostly monocarpic, IV-V, Z5-8 . . . . .	25	1	⊖ ✕	192,00	28,00	4,00 4,00
<b>SOLANUM (Solanaceae)</b>								
SA 558		dulcamara, Bittersweet, 100 cm, violet, red berries, woody, VI-VIII, Z3-8 . . . . .	3	8	❖ \$ ⚡ ⚡	192,00	24,00	3,00 2,00
<b>SOLDANELLA (Primulaceae)</b>								
SA 560		alpina, 10 cm, light blue, IV-V, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	1	9	△ □	–	240,00	30,00 5,00
SA 562		montana, 15 cm, violet, V-VI, Z5-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	2	9	Ca △ D	–	380,00	48,00 6,00
SA 564		pusilla, 5 cm, purple, evergreen, IV-V, Z4-8 . . . . .	1	9	Ca △ D	–	–	42,00 5,00
<b>SOLIDAGO (Asteraceae, Compositae)</b>								
SA 570		canadensis 'Golden Baby' [ <i>Goldkind, Yellow Springs</i> ], 60 cm, golden, VII-IX, Z2-8 . . . . .	0,25	16	❀ ✕ ☀	480,00	68,00	9,80 3,60
SA 572		canadensis 'Little Miss Sunshine', , 30 cm, golden, richly branched umbels, compact and dwarf habit, reliable first year flowering, especially suitable for container production, does not spread uncontrolled, VII-X, Z2-9 . . . . .	0,25	15	⊗ ① ✕ △	780,00	98,00	12,00 4,20



SISYRINCHIUM striatum

SMYRNIMUM perfoliatum

SOLANUM dulcamara

SOLDANELLA montana



SOLIDAGO canad. 'Little Miss Sunshine'



SOLIDAGO cutleri



STACHYS byzantina 'Silky Fleece'



SOLIDAGO rigida 'Golden Rockets'



SPAERALCEA coccinea



STACHYS byzantina



STACHYS macrantha



SUCCISELLA inflexa 'Frosted Pearls'



STACHYS macrantha 'Morning Blush'



STELLERA chamaejasme



## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>SOLIDAGO continuation</b>							
SA 571 <i>cutleri (virgaurea var. alpina)</i> , 15 cm, golden, densely tufted habit, VII-IX, Z3-9 . . . . .	0,5	15	△	384,00	48,00	6,20	3,10
SA 574 <i>glomerata</i> , 100 cm, yellow panicles with very large single blossoms, standing freely over large leaves, VIII-X, Z5-8 . . . . .	2	15	✗	384,00	48,00	6,00	3,00
SA 578 <i>rigida (OLIGONEURON)</i> , 150 cm, yellow umbel racemes, grey felty leaves, VIII-IX, Z3-8 . . . . .	2	16	✗	240,00	30,00	4,00	2,00
SA 580 <i>rigida ssp. humilis 'Golden Rockets'</i> , , 60 cm, densely golden flower umbels, dwarf and compact habit, sturdy stems, decorative broad foliage, selected border perennial, VII-IX, Z3-8 . . . . .	2	16	✗ △	–	76,00	9,60	4,20
SA 579 <i>roanensis (monticola)</i> , 80 cm, abundant golden flowers, tight upright habit, VIII-IX, Z4-8 . . . . .	1	15	✗	–	–	8,00	4,00
SA 582 <i>speciosa</i> , 90 cm, golden, attractive, VIII-IX, Z4-8 . . . . .	1	9	✗	195,00	25,00	3,50	2,00
virgaurea - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
virgaurea var. alpina - see cutleri							
SA 590 <i>virgaurea ssp. minuta</i> , 25 cm, yellow, VII-IX, Z4-8 . . . . .	2	15	△	–	98,00	12,00	4,00
<b>SPARGANIUM</b> - see Ornamental Grasses							
<b>SPERGULARIA</b> (Caryophyllaceae)							
SA 600 <i>rubra (ARENARIA)</i> , Sandspurry, 10 cm, pink, grey-green foliage, dense carpets, V-IX, Z5-8 . . . . .	0,5	4/15	✗  △	–	128,00	16,00	4,00
<b>SPAERALCEA</b> (Malvaceae)							
SA 605 <i>coccinea</i> , 30 cm, orange-red, grey leaves, VI-VII, Z5-9 . . . . .	6	8	△	184,00	23,00	2,90	2,90
remota, rivularis - see ILIAMNA							
<b>SPILANTHES</b> - see ACMELLA - see Perennial Herbs - Culinary, Teas and Medicinal							
<b>STACHYS</b> (Lamiaceae, Labiateae)							
SA 618 <i>byzantina (olympica, lanata) [Pure Cotton, Simba]</i> , 40 cm, lilac, white woolly leaves, VII-IX, Z4-7 . . . . .	5	15	✗	160,00	24,00	3,60	2,40
SA 620 <i>byzantina 'Silky Fleece'</i> , , 25 cm, lilac-plum colored, small white-woolly foliage, horizontal only 5 cm high foliage, cushions forming, excellent groundcover, VII-VIII, Z4-7 . . . . .	3	15	✗  △	360,00	46,00	5,80	2,90
SA 612 <i>discolor (nivea)</i> , 25 cm, soft yellow flower heads, narrow lanceolate foliage, VI-VIII, Z4-7 . . . . .	10	8	△	624,00	78,00	9,60	9,60
SA 610 <i>macrantha (grandiflora)</i> , 45 cm, purple-rose, VII-VIII, Z4-7 ( <i>see also GOLD NUGGET SEED®</i> )	15	8	✗	256,00	32,00	4,00	4,00
SA 611 <i>macrantha 'Morning Blush'</i> , , 40 cm, softly pink flushed white flower clusters, large flowering, dark green crenated and heart-shaped leaves, dense foliage clumps, VII-VIII, Z4-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	10	1	△	–	86,00	9,60	9,60
officinalis - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
SA 624 <i>recta</i> , 40 cm, light yellow, lanceolate foliage, VI-X, Z4-7 . . . . .	4	15		96,00	12,00	2,00	2,00
<b>STATICHE</b> - see LIMONIUM + GONIOLIMON							
<b>STELLERA</b> (Thymelaeaceae)							
SA 635 <i>chamaejasme</i> , Himalayan Stellera, 30 cm, mostly white flowering clusters, dense clumps, rare, V-VII, Z4-8 . . . . .	5	9	△	–	–	–	9,80
<b>STEMMACANTHA</b> - see LEUZEA							
<b>STEVIA</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>STOKESIA</b> (Asteraceae, Compositae)							
SA 640 <i>laevis [Blue Star]</i> , 30 cm, lilac, VII-X, Z5-9 . . . . .	15	16	✗ △	480,00	60,00	7,50	7,50
SA 642 <i>laevis alba 'Träumerei' [White Star]</i> , , 30 cm, white with pink touch, VII-X, Z5-9 . . . . .	15	16	✗ △	715,00	84,00	9,80	9,80
SA 644 <i>laevis 'Omega Skyrocket'</i> , , 90 cm, lilac, erect upright habit, VII-X, Z6-9 . . . . .	15	16	✗	580,00	70,00	8,80	8,80
<b>STYLOPHORUM</b> (Papaveraceae)							
SA 660 <i>diphyllum</i> , 40 cm, golden, VI-VIII, Z4-8 . . . . .	5	8	△	–	72,00	9,00	4,50
SA 666 <i>lasiocarpum</i> , 50 cm, yellow flowers, clustered to 5-6, VI-VIII, Z6-9 . . . . .	2	8	△	–	34,00	4,20	2,00
<b>SUCCISA</b> (Dipsacaceae)							
SA 670 <i>pratensis</i> , 50 cm, violet, VII-X, Z4-7 . . . . .	5	1	✗	256,00	32,00	4,00	2,40
<b>SUCCISELLA</b> (Dipsacaceae)							
SA 674 <i>inflexa 'Frosted Pearls'</i> , , 80 cm, innumerable white flower heads with light blue anthers, buds with soft pink flush, richly branched, bushy habit, VI-IX, Z4-7 . . . . .	5	9	✗	384,00	48,00	6,00	4,50



STOKESIA laevis



STOKESIA laevis alba 'Träumerei'



SYMPHYTANDRA pendula



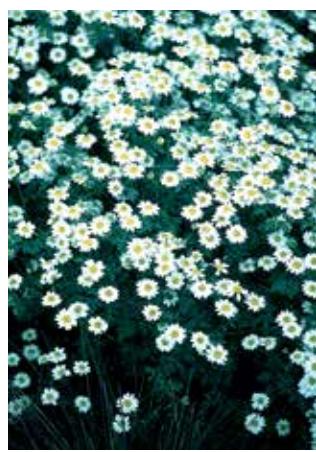
SYMPHYTANDRA zanzegura

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>SWERTIA</b> (Gentianaceae)							
SA 680 <i>perennis</i> , 35 cm, steel-blue, for moist, marshy locations, VII-IX, Z4-8 . . . . .	1	1	vvv Ca	–	–	56,00	7,00
<b>SYMPHYANDRA (CAMPANULA)</b> (Campanulaceae)							
SA 694 <i>hofmannii</i> , 60 cm, ivory white, VII-IX, Z3-8 . . . . .	1	15	△ ⊖	160,00	20,00	2,50	2,00
SA 698 <i>pendula</i> , 60 cm, cream-colored, highly recommended, V-VIII, Z5-8 . . . . .	1	15	△ ⊖	128,00	16,00	2,20	2,00
SA 702 <i>wanneri [Violet Belle]</i> , 25 cm, violet-blue bells, rich flowering, V-VII, Z6-9 . . . . .	1	16	⊗ △	–	–	–	3,00
SA 704 <i>zanzegura</i> , 25 cm, light violet, broadly bell-shaped flowers, abundant flowering, perennial, VI-VIII, Z5-8 . . . . .	1	16	⊗ △ 2	–	64,00	8,00	3,00
<b>SYMPHYOTRICHUM</b> - see <b>ASTER</b>							
<b>SYMPHYTUM officinale</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<b>TAGETES</b>							
<i>lucida</i> - see <b>Organic Seed</b>							
<i>patula/erecta</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<b>TALINUM</b> (Portulacaceae)							
TA 002 <i>calycinum</i> , 10 cm, intense neon-pink, large flowering, succulent foliage, VII-VIII, Z6-9 . . . . .	0,5	8	⊗ △ ⊖	3890,00	432,00	48,00	6,00
<i>paniculatum</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal</b>							
<b>TANACETUM</b> (Asteraceae, <i>Compositae</i> )							
<i>balsamita</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<i>cinerariifolium</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
CA 400 <i>coccineum 'Robinson Pink'</i> , 90 cm, VI-VIII, Z3-7 . . . . .	5	15	×	168,00	24,00	3,00	2,20
CA 398 <i>coccineum 'Robinson Red'</i> , 90 cm, VI-VIII, Z3-7 . . . . .	2	15	×	320,00	40,00	5,00	3,80
CA 402 <i>coccineum 'Robinson Giant Mixture'</i> , 90 cm, VI-VIII, Z3-7 . . . . .	3	16	×	32,00	4,00	2,00	2,00
CA 388 <i>coccineum 'Super Duplex'</i> , 80 cm, extensive colour mixture with semi-double and single flowers, white, soft pink, pink, red, dark red, VI-VII, Z3-7 . . . . .	5	15	×	36,00	4,20	2,00	
CA 408 <i>corymbosum (CHRYSANTHEMUM)</i> , 80 cm, white umbels, V-VII, Z5-7 . . . . .	0,5	15	⊗ ⊖	256,00	32,00	4,00	2,00
CA 434 <i>macrophyllum (CHRYSANTHEMUM)</i> , 120 cm, white bouquets, modest, VI-VII, Z5-7 . . . . .	2	15	⊗ ⊖	246,00	34,80	4,60	4,60
TB 320 <i>niveum 'Jackpot' [Million Blooms]</i> , 50 cm, numerous white flowers, attractive and richly branched perennial, grey leaved, VII-IX, Z5-8 . . . . .	2	15	⊗ ⊖	96,00	12,00	2,00	2,00
<i>partenium</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<i>vulgare</i> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<b>TARAXACUM</b> - see <b>Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed</b>							
<b>TECOMA</b> (Bignoniaceae)							
TA 016 <i>stans</i> , up to 200 cm, yellow bell shaped blossoms, bushy, VII-X, Z9-11 . . . . .	30	20	□	246,00	34,80	4,60	4,60
<b>TELEKIA</b> (Asteraceae, <i>Compositae</i> )							
TA 010 <i>speciosa (BUPHANTHEMUM)</i> , 200 cm, yellow, VI-VIII, Z4-8 . . . . .	2	15	⊗ *	–	–	–	–



TALINUM calycinum



TANACETUM niveum 'Jackpot'



TELLIMA grandiflora



TETRAGONOLOBUS maritimus



TEUCRIUM hircanicum

### Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>TELLIMA</b> (Saxifragaceae)									
TA 020 ☼ <i>grandiflora</i> , 60 cm, greenish-white, for understory plantings, V-VI, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> .....		1	9	vv	256,00	32,00	4,00	2,00	
<b>TETRAGONOLOBUS (LOTUS)</b> (Papilionaceae, Leguminosae)									
TA 027 ☼ <i>maritimus</i> , 25 cm, light yellow, large flowering, blue-green foliage, V-VII, Z5-8 .....		12	9	△	96,00	14,00	2,00	2,00	
<b>TEUCRIUM</b> (Lamiaceae, Labiate)									
TA 029 <i>chamaedrys</i> , 30 cm, pink, mostly with runners, VII-VIII, Z4-8 .....		5	8	* N	220,00	26,00	3,80	2,00	
chamaedrys hort. - see Perennial Herbs - Culinary, Teas and Medicinal									
TA 035 ☼ <i>hircanicum [Purple Tails]</i> , Wood Sage, 45 cm, red-purple, VIII-IX, Z5-8 .....		2	16	△ ✕ ⊗	324,00	36,00	4,00	2,00	
TA 037 ☼ <i>montanum</i> , 15 cm, light yellow, evergreen cushions, VI-VIII, Z5-8 .....		3	8	△ vv	310,00	39,00	4,80	2,40	
<b>NEW!</b> TA 040 ☼ <i>orientale (nivale)</i> , Oriental Germander, 40 cm, dark blue, dense blossom panicles, rich flowering, reblooming after deadheading, fine dissected foliage, VI-IX, Z6-9.....		5	16	△ ✕ ✕	-	64,00	8,20	4,60	
TA 038 <i>polium</i> , 15 cm, yellowish to pink, VII-VIII, Z6-9 .....		3	16	△ vv	320,00	40,00	5,00	2,50	
TA 042 <i>scorodonia</i> , 50 cm, yellow, decorative foliage, VII-VIII, Z5-8 .....		5	16	* \$	72,00	12,00	2,00	2,00	
<b>THALICTRUM</b> (Ranunculaceae)									
adiantifolium - see minus 'Adiantifolium'									
TA 048 <i>alpinum</i> , Alpine Meadow Rue, 20 cm, blueish filaments, pinnatifid foliage, VI-VIII, Z4-8 .....		5	16	* △	-	72,00	9,00	4,50	
TA 050 ☼ <i>aquilegiifolium [Spielarten, Spiky Dots, Fluffy]</i> , 120 cm, pink and white, V-VII, Z5-8 .....		pure seed	10	9	✖	480,00	60,00	7,60	3,80
TA 054 <i>aquilegiifolium 'Album'</i> , 120 cm, pure white, V-VII, Z5-8 .....		pure seed	10	9	✖	-	86,00	9,60	4,80
TA 058 <i>aquilegiifolium 'Purpureum'</i> , 120 cm, rosy-red, V-VII, Z5-8 .....		pure seed	10	9	✖	-	86,00	9,60	4,80
TA 066 <i>delavayi (dipterocarpum hort.)</i> , (AGM), 100 cm, lilac-rose, seldom white, VII-VIII, Z5-8 .....		10	9	✖	-	86,00	9,60	4,80	
TA 067 ☼ <i>delavayi 'Album' [Sternenhimmel, Blizzard]</i> , 100 cm, pure white flowers, lime-green foliage, VII-VIII, Z5-8 .....		5	9	✖	-	96,00	12,00	6,00	
TA 072 ☼ <i>flavum ssp. <i>glaucum</i></i> , (AGM), 150 cm, yellow, panicles leaves blue-grey, VI-VII, Z5-8 .....		10	9	* ✕	-	48,00	6,00	3,00	
TA 078 <i>foetidum</i> , 50 cm, yellow, VI-VIII, Z5-8 .....		10	9	✖	144,00	21,00	3,00	2,00	
TA 080 <i>lucidum</i> , 80 cm, yellow, fern-like foliage, VI-VII, Z5-8 .....		10	9	✖	200,00	25,00	3,20	2,00	
TA 084 <i>minus 'Adiantifolium'</i> , 60 cm, greenish-yellow, fern-leaved, V-VI, Z5-8 .....		10	9	* △	384,00	48,00	6,00	3,00	
TA 086 <i>minus ssp. minus</i> , 90 cm, greenish-yellow, hanging stamens, VI-VII, Z5-8 .....		10	9	✖	128,00	18,00	2,60	2,60	
TA 082 <i>petaloideum</i> , 30 cm, pure white, delicate umbels, blue-green pinnatifid foliage, very attractive, VI-VII, Z4-8 .....		5	9	* △	960,00	128,00	16,00	8,00	
TA 087 ☼ <i>polygamum (pubescens)</i> , 200 cm, white, wide panicles, VII-IX, Z4-8 .....		5	9	Sol	580,00	72,00	9,00	4,50	
TA 088 ☼ <i>rochebrunianum [Lavender Mist]</i> , 150 cm, reddish-lilac, VII-VIII, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> .....		10	9	✖	840,00	98,00	12,00	6,00	
<b>NEW!</b> TA 089 ☼ <i>rochebrunianum var. <i>grandisepalum</i></i> , 180 cm, lavender-blue, large flowering variety, dense umbels, rich flowering, reblooming after deadheading until frost, VII-IX, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> .....		10	9	Sol ✕	980,00	120,00	16,00	7,20	



TEUCRIUM montanum



TEUCRIUM orientale



THALICTRUM aquilegiifolium



THALICTRUM delavayi 'Album'



THALICTRUM flavum ssp. glaucum



*THALICTRUM polygamum*



*THALICTRUM rochebrunianum*



*THALICTRUM rochebrunianum var. grandisepalum*



*THERMOPSIS chinensis*



*THLASPI rotundifolium*



*THALICTRUM rochebrunianum var. grandisepalum*



*THYMUS comosus*



*THYMUS longiflorus*



*THYMUS praecox*



*THYMUS serpyllum 'Magic Carpet'*



*TRADESCANTIA x andersoniana 'Blanca'*



*TRADESCANTIA x anders. 'Carmine-Red'*



*TRICYRTIS hirta*



*TRICYRTIS Hirta-Hybr. 'Miyazaki'*

**Production – Breeding – Seed Technology**

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					from 100 g	from 10 g	from 1 g	Portion	
<b>THERMOPSIS</b> (Papilionaceae, Leguminosae)									
TA 096	<i>caroliniana (villosa)</i> , 125 cm, yellow flower clusters, VI-VII, Z5-8 <i>(see also GOLD NUGGET SEED®)</i> .....	20	10		128,00	16,00	2,00	2,00	
TA 098	<i>chinensis [Sunrise]</i> , 60 cm, brilliant yellow flower panicles, early flowering, stable, without runners, V-VI, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ).....	20	10		176,00	22,00	3,00	3,00	
TA 104	<i>lanceolata</i> , 75 cm, light yellow, VI-VIII, Z3-8.....	20	10	W>	96,00	12,00	2,00	2,00	
<b>THLASPI</b> (Brassicaceae)									
TA 124	<i>rotundifolium</i> , 10 cm, pale purple, round leaves, V-VI, Z5-8.....	2	9	△	–	–	48,00	6,00	
<b>THYMUS</b> (Lamiaceae, Labiateae)									
TA 116	<i>comosus</i> , Tufted Thyme, 10 cm, purple-crimson, large flowers, dense matforming, V-IX, Z5-7. <i>fragrantissimus</i> - see Organic Seed	0,5	15	△ W> ♂	–	–	28,00	4,80	
NEW! TA 125	<i>longiflorus</i> , 20 cm, purplish pink, rich flowering, grey, narrow, aromatic foliage, VI-IX, Z5-9....	0,5	16	△ ♂	–	82,00	9,80	3,90	
TA 126	<i>masticina</i> , Mastic Thyme, Spanish Wood Marjoram, 30 cm, white, grey-green aromatic foliage, V-VIII, Z6-9.....	1	16	⊗ ♂ ⚡	–	82,00	9,80	3,90	
TA 127	<i>polytrichus</i> ssp. <i>britannicus</i> ( <i>praecox</i> ssp. <i>arcticus</i> ), English Thyme, 10 cm, lilac-pink, rich flowering, stems solely hairy on two sides, groundcovering habit, V-IX, Z4-8 .....	0,5	16	△ W> ♂	–	–	24,00	4,80	
TA 128	<i>praecox</i> , 10 cm, pink, low cushions, V-IX, Z4-8 .....	0,5	16	△ W> ♂	240,00	30,00	4,00	2,00	
	<i>pulegioides</i> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
	<i>serpyllum</i> hort. - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
TA 135	<i>serpyllum 'Magic Carpet'</i> , 5 cm, carmine-pink, green aromatic foliage, forms very low carpets, V-VIII, Z4-8 .....	1	16	△ W> ♂	882,00	98,00	12,00	4,00	
	<i>vulgaris</i> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
	<i>zygis</i> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>TIARELLA</b> (Saxifragaceae)									
TA 138	<i>polypylla 'Filigran'</i> , 30 cm, white, reddish stems, reblooms, IV-IX, Z6-8 .....	1	1	△ Ca	–	144,00	18,00	4,50	
TA 140	<i>wherryi (collina)</i> [ <i>Silverado, Sugar Scoop</i> ], 20 cm, white with pink touch, delicately fragrant, V-VI, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	1	1	△ Ca	–	176,00	22,00	4,50	
<b>TOLMIEA</b> (Saxifragaceae)									
TA 160	<i>menziesii</i> , Pickaback Plant, 25 cm, brownish, V-VI, Z6-8 .....	1	9	W> ♀	–	96,00	12,00	3,00	
<b>TRADESCANTIA</b> (Commelinaceae)									
TA 180	<i>x andersoniana 'Mix' [Shimmer Mixed]</i> , 70 cm, blue, light-blue, red shades, and white, variable, V-X, Z4-9 .....	7	20	♂	240,00	30,00	3,80	2,90	
TA 182	<i>x andersoniana 'Blanca'</i> , 70 cm, white, V-X, Z4-9 .....	7	20	♂	–	54,00	7,20	5,40	
TA 181	<i>x andersoniana 'Blue'</i> , 70 cm, V-X, Z4-9 .....	7	20	♂	–	54,00	7,20	5,40	
TA 183	<i>x andersoniana 'Carmine-Red'</i> , 70 cm, V-X, Z4-9 .....	7	20	♂	–	54,00	7,20	5,40	
	<i>virginiana</i> - see <i>x andersoniana</i>								
<b>TRICYRTIS</b> (Convallariaceae, Liliaceae)									
TA 190	<i>hirta</i> , 50 cm, soft lilac with large purple spots, VIII-X, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	1	1	✗	1400,00	175,00	22,00	4,20	
TA 191	<i>hirta 'Alba' [White Towers]</i> , 50 cm, pure white, VIII-X, Z4-8 .....	1	1	✗	–	–	64,00	6,80	
TA 192	<i>Hirta-Hybr. 'Miyazaki'</i> , 80 cm, numerous orchid-like blossoms, white-lilac marked axillary up the stem, shade, IX-XI, Z4-8 ( <i>see also GOLD NUGGET SEED®</i> ) .....	1	9	✗	2700,00	340,00	42,00	6,80	
TA 194	<i>latifolia (bakeri)</i> , 50 cm, yellow with brown spots, VI-VII, Z4-8 ( <i>s. also GOLD NUGGET SEED®</i> ) .....	2	9	✗	–	198,00	22,00	4,20	
TA 195	<i>macrantha</i> ssp. <i>macranthopsis</i> , 40 cm, yellow with brown spots, very large flowering, widely arching growth, IX-X, Z4-8 .....	1	1	△ ✗	–	–	72,00	7,80	
<b>TRIFOLIUM</b> (Papilionaceae, Leguminosae)									
TA 210	<i>alpinum</i> , 10 cm, light red, cushion forming, VI-VIII, Z2-8, .....	pure seed	15	8	Ca △ ♂	–	48,00	6,00	4,80
TA 211	<i>badium</i> , Brown Trefoil, 20 cm, golden ball flowers, turning shiny brown, VII-VIII, Z3-8, .....	pure seed	2	8	✿ △ ⚡	–	45,00	5,60	2,30
TA 212	<i>ochroleucum</i> , 40 cm, brilliant light yellow, bushy clumps, VI-VII, Z4-8, .....	pure seed	10	15	✿ ✗	224,00	28,00	3,60	2,70
TA 214	<i>rubens</i> [ <i>Red Feathers</i> ], 60 cm, bright purple-red, large blossoms, very decorative, VI-VIII, Z4-8, .....	pure seed	7	15	✿ ✗ ⚡	288,00	36,00	4,80	2,80
TA 215	<i>rubens f. album 'Frosty Feathers'</i> , 60 cm, brilliant white selection, dense flowers, vivid green foliage, reblooms after dead heading, VI-IX, Z4-8, .....	pure seed	5	16	✿ ✗ ⚡	–	42,00	5,40	3,60
TA 216	<i>trichocephalum</i> , 40 cm, clear light yellow, golden-brown fading, upright habit, grey-leaved, VI-VIII, Z4-8, .....	pure seed	10	9	✿ ✗ △	256,00	32,00	4,60	2,30


**TRICYRTIS** latifolia

**TRICYRTIS** macr. ssp. macranthopsis

**TRIFOLIUM** badium

**TRIFOLIUM** rubens

Production – Breeding – Seed Technology

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					from 100 g	from 10 g	from 1 g	Portion
<b>TRIGLOCHIN</b> (Juncaginaceae)								
TA 220	<b>maritimum</b> , Arrow Grass, 30 cm, greenish-purple spikes, grass-like foliage, VI-VIII, Z5-8.....	3	8	*** ✕	–	32,00	4,00	2,00
<b>TRIGONELLA</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed								
<b>TRIOSTEUM</b> (Caprifoliaceae)								
TA 226	⊗ <b>himalayanum (erythrocarpum)</b> , Feverwort, 60 cm, green-brown flowers, striking brilliant red berries, bushy habit, VI-VII, Z6-9.....	120	1	❖	320,00	48,00	6,00	9,80
<b>TRITOMA</b> - see <b>KNIPHOFIA</b>								
<b>TROLLIUS</b> (Ranunculaceae)								
TA 232	<b>altaicus</b> , Siberian Globe Flower, 50 cm, bright orange-yellow with black-reddish stigmas, very large cup-shaped blossoms, V-VII, Z3-7 .....	5	2	✖ △	–	–	16,00	6,20
TA 238	<b>asiaticus</b> , 60 cm, brilliant orange, V-VI, Z4-7 .....	5	2	✖	384,00	48,00	6,00	3,00
TA 242	⊗ <b>chinensis 'Morning Sun'</b> , 50 cm, yellow-orange bowl-shaped blossoms, rich and large flowering, compact habit, strong and vigorous foliage, VI-VIII, Z3-7 ( <i>s. a. GOLD NUGGET SEED®</i> )	3	1	△ ✕	–	120,00	15,00	6,20
TA 240	<b>chinensis (ledebourii) 'Golden Queen'</b> [ <b>Goldkönigin</b> ], AGM, 80 cm, golden, VII-VIII, Z4-7 (see also <b>GOLD NUGGET SEED®</b> ). ....	5	2	✖	320,00	40,00	5,00	2,50



TRIFOLIUM rubens f. album 'Frosty Feathers'



TRIFOLIUM trichocephalum



TRIOSTEUM himalayanum



TROLLIUS chinensis 'Morning Sun'



TROLLIUS x cultorum 'New Hybrids'

TROLLIUS x cultorum 'New Moon'

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	N° of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>TROLLIUS continuation</b>							
TA 244 ☼ <i>x cultorum</i> 'New Moon', ☼, 60 cm, brilliant creamy-yellow blossoms, large flowering, dark green, strong foliage, vigorous habit, IV-VI, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	2	⊗⊗	768,00	96,00	12,00	6,00
TA 248 ☼ <i>x cultorum</i> 'New Hybrids', 60 cm, orange, yellow and light yellow shades, variable, IV-VI, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	2	⊗	442,00	52,00	6,00	3,00
TA 256 ☼ <i>europaeus</i> , 60 cm, yolk-yellow globe blossoms, V-VI, Z4-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	5	2	⊗⊗⊗	320,00	40,00	5,00	2,50
TA 257 ☼ <i>europaeus f. compactus</i> 'Lemon Supreme', ☼, 30 cm, brilliant lemon yellow bowl-shaped blossoms, rich and large flowering, compact habit, very vigorous, reliable flowering the first spring after sowing year, V-VI, Z4-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	3	2	⊗⊗△	960,00	120,00	15,00	6,20
TA 258 ☼ <i>laxus</i> var. <i>albiflorus</i> , 30 cm, pure white, bowl-shaped blossoms, V-VII, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	3	2	△	896,00	112,00	15,00	5,00
TA 260 ☼ <i>pumilus</i> , 20 cm, golden, VI-VII, Z4-7 ( <i>see also GOLD NUGGET SEED®</i> ) . . . . .	3	9	△⊗	960,00	120,00	15,00	5,00
<b>TROPAEOLUM majus</b> - see Organic Seed							
<b>TULIPA</b> (Liliaceae)							
TA 270 ☼ <i>sprengeri</i> , ☼, 40 cm, scarlet red, V-VI, Z3-9 . . . . .	15	1	△	–	37,00	4,60	3,50
TA 272 <i>sylvestris</i> , Florentine Tulip, 40 cm, golden, IV-V, Z5-8 . . . . .	15	1	–	–	–	9,80	5,00
TA 273 <i>tarda</i> , ☼, 15 cm, yellow with white center, starlike, III-V, Z4-7 . . . . .	15	1	△	–	37,00	4,60	3,50
<b>TUNICA saxifraga</b> - see <b>PETRORHAGIA saxifraga</b>							
<b>TUSSILAGO</b> - see Organic Seed							
<b>TYPHA</b> - see Ornamental Grasses							
<b>URTICA</b> - see Organic Seed							
<b>VACCINUM</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>VALERIANA</b> (Valerianaceae)							
VA 022 ☼ <i>montana</i> , Mountain Valerian, 30 cm, pink-white umbels, lanceolate foliage, compact, IV-VI, Z4-7 . . . . .	3	16	△	–	112,00	14,00	3,50
<b>officinalis</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
<b>VANCOUVERIA</b> (Berberidaceae)							
NEW! VA 033 <i>hexandra</i> , 30 cm, distinctive white flowers, evergreen, gracile foliage, best in shady areas, V-VII, Z5-9 . . . . .	10	19	↔	–	64,00	8,20	4,10
<b>VERATRUM</b> (Melanthiaceae, Liliaceae)							
VA 030 <i>album</i> , ☼, 150 cm, greenish-white, large blossoms, VII-VIII, Z4-7 . . . . .	15	1	Sol \$⊗	192,00	24,00	3,00	3,00
VA 034 ☼ <i>californicum</i> , 250 cm, blossoms ivory-white to greenish-white in immense, branched panicles, VII-VIII, Z4-9 . . . . .	20	1	Sol⊗	280,00	32,00	4,20	4,20
VA 036 <i>maackii</i> , 60 cm, dark purple, dwarf, VII-VIII, Z5-8 . . . . .	10	1	△ Sol⊗	–	64,00	8,00	6,00
VA 038 ☼ <i>nigrum</i> , ☼, 100 cm, black-purple, easily grown, very decorative, VII-VIII, Z5-8 . . . . .	20	1	Sol⊗	220,00	28,00	3,60	3,60
NEW! VA 042 <i>viride</i> , 175 cm, greenish-yellow spikes, VII-VIII, Z4-9 . . . . .	15	1	△\$⊗Sol	–	32,00	4,20	4,20



TROLLIUS europaeus



TROLLIUS europ. f. comp. 'Lemon Supreme'



TROLLIUS laxus var. albiflorus



TROLLIUS pumilus



TULIPA sprengeri



VALERIANA montana



VERATRUM californicum



VERATRUM nigrum

## Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:					
					from 100 g	from 10 g	from 1 g	Portion		
<b>VERBASCUM</b> (Scrophulariaceae)										
VA 048		<b>blattaria f. albiflorum</b> [ <i>White Blush</i> ], 100 cm, large white flowers with purple stamens, pinnatifid ground rosettes, VI-VIII, Z5-9 . . . . .	1	15		72,00	12,00	2,00	2,00	
VA 050		<b>bombyciferum</b> [ <i>Polar Summer, Silver Lining</i> ], 160 cm, light yellow, silver-woolly leaves, nice woolly seed heads, VII-VIII, Z5-8 ( <i>see also Organic-Seeds</i> ) . . . . .	1	15		720,00	90,00	12,00	3,00	
VA 054		<b>chaixii</b> , 100 cm, yellow or pure white with purple filaments, VII-VIII, Z4-8 . . . . .	1	15		240,00	30,00	3,80	2,00	
VA 056		<b>chaixii 'Sixteen Candles'</b> ,  100 cm, golden flowers with violet filaments, richly branched flower stems, perennial, VI-VIII, Z4-8 . . . . .	1	15		320,00	40,00	5,00	2,50	
VA 058		<b>chaixii f. album 'Wedding Candles'</b> [ <i>Milkshake</i> ],  100 cm, pure white flowers with violet filaments, multi branched flower stems, perennial, VI-VIII, Z4-8 . . . . .	1	15		320,00	40,00	5,00	2,50	
		<b>densiflorum (thapsiforme)</b> - see <b>Herbs - Culinary, Teas and Medicinal + Organic Seed</b>								
VA 063		<b>hybridum 'Southern Charm'</b> , 60 cm, unique blend of creamy yellow, soft lavender and peachy rose shades, with purple stamens, low growing leaf rosettes, flowers the first year, VI-IX, Z6-9 . . . . .	<b>pelleted seed</b>	1,5	15		-	-	120,00	9,80
VA 074		<b>nigrum, wild form</b> , 120 cm, yellow, VI-IX, Z4-8 ( <i>see also Organic-Seeds</i> ) . . . . .	0,5	20		72,00	12,00	2,00	2,00	
VA 075		<b>nigrum var. album</b> , 100 cm, pure white with purple filaments, little branched, VII-VIII, Z4-8 . . . . .	1	15		224,00	28,00	3,50	2,00	
VA 078		<b>olympicum</b> , 180 cm, yellow, woolly foliage, VI-VIII, Z5-8 . . . . .	1	15		128,00	16,00	2,00	2,00	



VERBASCUM blattaria f. albiflorum



VERBASCUM bombyciferum



VERBASCUM chaixii 'Wedding Candles'



VERBASCUM chaixii 'Sixteen Candles'



VERBASCUM olympicum f. album



VERBASCUM phoeniceum, wild form



VERBASCUM phoeniceum 'Flush of White'



VERBASCUM phoeniceum 'Rosetta'



VERBENA hastata 'Blue Spires'

## Production – Breeding – Seed Technology

	Gram to get 1000 plants	N° of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>VERBASCUM continuation</b>							
VA 079 ☼ <i>olympicum f. album</i> , White Mullein, 160 cm, creamy white, woolly foliage, VI-VIII, Z5-9 . . . . .	0,25	15	☺ Sol ☺	–	–	12,00	3,20
VA 064 <i>phlomoides 'Spica' [Snow Maiden]</i> , ☼, 180 cm, grey felty leaves, large, pure white blossoms, VI-VIII, Z5-9 . . . . .	1	15	☺ Sol	480,00	60,00	7,60	3,80
VA 066 <i>phlomoides 'Wega' [Banana Custard]</i> , ☼, 180 cm, large, yellow blossoms, grey felty leaves, VI-VIII, Z5-9 . . . . .	1	15	☺ Sol	480,00	60,00	7,60	3,80
VA 080 ☼ <i>phoeniceum, wild form</i> , Purple Mullein, 100 cm, purple-violet, flat leaf rosettes, VI-VIII, Z4-9. . . . .	1	15	☺ ☺	148,00	24,00	4,00	2,00
VA 087 ☼ <i>phoeniceum 'Flush of White' [White Bride]</i> , 60 cm, pure white, V-VIII, Z5-8 . . . . .	1	15	☺ ☺	256,00	32,00	4,00	2,00
VA 088 ☼ <i>phoeniceum 'Rosetta' [Antique Rose]</i> , ☼, 60 cm, intense dark pink, V-VIII, Z5-8 . . . . .	1	15	☺ ☺	256,00	32,00	4,00	2,00
VA 089 <i>phoeniceum 'Violetta'</i> , ☼, 90 cm, dark purple-violet candles, fresh green leaf rosettes, reblooming after dead heading, V-VIII, Z5-8. . . . .	1	15	☺ ☺	256,00	32,00	4,00	2,00
VA 086 <i>phoeniceum Mixed Colours [Roman Candles]</i> , 90 cm, violet, red, pink, white, V-VIII, Z5-8 . . . . .	1	15	☺ ☺	72,00	12,00	2,00	2,00
VA 092 <i>roripifolium</i> , 100 cm, abundant yellow flowers, deeply serrated, almost feathery foliage, VI-VIII, Z5-8 <i>thapsus</i> - see Organic Seed	1	15	❀	72,00	12,00	2,00	2,00
<b>VERBENA (Verbenaceae)</b>							
VA 100 <i>bonariensis [Buenos Aires, Finesse, Purple Top]</i> , ☼, 100 cm, bright violet-blue, good for cutting, moderately winter hardy, VII-X, Z7-9 (s. also GOLD NUGGET SEED®+ Organic-Seeds)	1	8	☒ ☺	416,00	52,00	6,40	3,20
VA 112 ☼ <i>hastata 'Blue Spires'</i> , 120 cm, dark blue, VI-IX, Z3-8 }	2	8	☒ ☺	384,00	48,00	6,00	3,00
VA 113 ☼ <i>hastata 'Pink Spires'</i> , 120 cm, brilliant pink, VI-IX, Z3-8 } (see also GOLD NUGGET SEED®).	2	8	☒ ☺	384,00	48,00	6,00	3,00
VA 114 ☼ <i>hastata 'White Spires'</i> , 120 cm, pure white, VI-IX, Z3-8 } officinalis - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed	3	16	☒ ☺	160,00	20,00	2,50	2,00
VA 105 <i>rigida</i> , ☼, 30 cm, lilac-blue, VI-X, Z7-10 . . . . .	2	9	❀ ☺	346,00	40,00	4,80	2,40
VA 106 <i>stricta</i> , 60 cm, purple-lavender, grey-green leaves, VII-VIII, Z3-8 . . . . .	1	8	☒ ☺	160,00	20,00	2,50	2,00
VA 108 <i>tenuisecta</i> , Moss Verbena, 50 cm, blue shades, VI-VIII, Z7-10 . . . . .	3	16	☒ ☺	160,00	20,00	2,50	2,00
<b>VERBESINA (Asteraceae, Compositae)</b>							
VA 110 ☼ <i>alternifolia 'Goldstrahl'</i> , 180 cm, yellow umbel panicles, VIII-X, Z4-9 . . . . .	10	9	☒	512,00	64,00	8,00	6,00
VA 111 <i>helianthoides</i> , Yellow Crownbeard, 100 cm, golden rayflowers, winged stems, VI-VIII, Z4-9 . . . . .	10	9	☒ Sol	240,00	30,00	4,20	4,20
<b>VERNONIA (Asteraceae, Compositae)</b>							
VA 120 <i>crinita</i> , 200 cm, purple-violet, IX-XI, Z3-8 (see also GOLD NUGGET SEED®) . . . . .	3	9	☒	–	80,00	10,00	5,00
VA 122 <i>fasciculata</i> , 100 cm, purple, flat umbels, VII-IX, Z3-8 . . . . .	3	9	☒	–	64,00	8,00	4,00
VA 123 ☼ <i>lettermannii</i> , Narrow-leaf Ironweed, 140 cm, bright purple-violet, narrow leaves, variable, VIII-IX, Z4-9 . . . . .	3	9	☒ Sol	–	–	24,00	7,80
VA 124 <i>noveboracensis</i> , 200 cm, purple flowering heads, VIII-XI, Z4-8 (see also GOLD NUGGET SEED®) . . . . .	3	9	☒	480,00	60,00	7,60	3,80
VA 156 ☼ <i>noveboracensis 'White Lightning'</i> , ☼, 200 cm, unique white umbels, upright habit, decorative seed heads, VIII-XI, Z4-8 . . . . .	3	9	☒ Sol	–	192,00	24,00	7,80



VERBENA hastata 'Pink Spires'



VERBENA hastata 'White Spires'



VERNONIA lettermannii



VERBESINA alternifolia 'Goldstrahl'



VERNONIA noveborac. 'White Lightning'



VERONICA armena



VERONICA gentianoides 'Little Blues'



VERONICA beccabunga



VERONICA incana



VERONICA orchidea 'Blue Fingers'



VERONICA porphyriana



VERONICA repens



VERONICA schmidtiana



VERONICASTRUM sibiricum



VERONICASTRUM virginicum f. albiflorum



VERONICASTRUM virginicum f. caeruleum



VINCETOXICUM fuscum

**Production – Breeding – Seed Technology**

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>VERONICA</b> (Scrophulariaceae)							
VA 126 ☼ <i>armena</i> , Armenian Speedwell, 10 cm, violet-blue flower panicles, rich flowering, cushion plant, V-VII, Z3-7 . . . . .	2	15	△ □	–	198,00	24,00	4,80
<i>austriaca</i> - see <i>teucrium</i>							
NEW! VA 128 ☼ <i>beccabunga</i> , European Speedwell, 10 cm, heavenly blue, very vigorous, excellent groundcover for damp areas, V-VIII, Z5-8 . . . . .	0,25	15	❀ ↗	–	32,00	5,40	2,20
VA 134 <i>fruticans (saxatilis)</i> , 10 cm, intense azure blue, V-VI, Z4-9 . . . . .	0,5	9	△ ☾	–	50,00	6,20	3,10
VA 138 <i>fruticulosa</i> , 20 cm, pink, mat-forming, VI-VII, Z3-8 . . . . .	0,5	9	△	–	–	5,00	2,50
VA 142 ☼ <i>gentianoides [Ramona, Blue Streak]</i> , (AGM), 50 cm, blue, V-VI, Z3-7 . . . . .	1	15	△	720,00	92,00	12,00	4,50
VA 143 ☼ <i>gentianoides 'Little Blues'</i> , (EL), 15 cm, short bright light blue flowering spikes, compact evergreen foliage, IV-VI, Z3-7 . . . . .	1	15	△ ☽ ↗	–	288,00	32,00	6,00
VA 146 ☼ <i>incana (spicata ssp. incana)</i> , 40 cm, blue, silver-grey mats, VI-VII, Z3-9 . . . . .	0,5	15	△ ↗	768,00	96,00	12,00	4,00
VA 148 <i>incana 'Silbersee'</i> , (EL), 20 cm, deep violet-blue, especially silvery-grey, VI-VII, Z3-9 . . . . .	0,5	15	△ ↗	–	192,00	24,00	5,00
VA 150 <i>longifolia (maritima)</i> , 80 cm, deep blue, VI-VIII, Z4-9 . . . . .	0,5	15	✖ *	176,00	22,00	3,20	2,00
VA 152 <i>longifolia 'Alba'</i> , 80 cm, pure white, VI-VIII, Z4-9 . . . . .							
VA 153 <i>longifolia 'Blue Shades'</i> , (EL), 80 cm, brilliant, light- to dark-blue colours, VI-VIII, Z4-9 . . . . .	0,5	15	✖	–	96,00	12,00	4,20
<i>officinalis</i> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed							
VA 183 ☼ <i>orchidea (spicata ssp. orchidea) 'Blue Fingers'</i> , (EL), 45 cm, brilliant medium blue flowering spikes, wide glossy foliage, first year flowering, VI-VIII, Z4-9 . . . . .	0,5	15	△ ☽ ✖	–	198,00	24,00	6,00
VA 155 <i>pinnata 'Blue Feathers'</i> , (EL), 30 cm, soft blue flowering racemes, filigreed feathery foliage, very unusual, V-VIII, Z3-8 . . . . .	0,5	15	△ ✖ *	1024,00	128,00	16,00	4,00
VA 157 ☼ <i>porphyriana</i> , 30 cm, brilliant blue-violet racemes, strong dark green foliage, VII-IX, Z3-8 . . . . .	0,5	15	△ ↗	320,00	40,00	5,00	2,50
VA 158 <i>prostrata</i> , (AGM), 15 cm, light blue, rarely pink, V-VI, Z3-8 . . . . .	1	15	△ ↗	–	–	24,00	4,80
VA 162 ☼ <i>repens</i> , 5 cm, bluish-white, V-VI, Z5-8 . . . . .	0,5	15	△ ↗	–	288,00	32,00	6,00
VA 164 ☼ <i>schmidtiana</i> , 20 cm, blue-purple, rarely pink and white, dark veined, pinnatifid leaves, VI-VIII, Z4-7 . . . . .	0,5	9	△	768,00	96,00	12,00	4,00
<i>sibiricum</i> - see <b>VERONICASTRUM sibiricum</b>							
VA 166 <i>spicata</i> , 60 cm, blue, abundant flowers, VII-IX, Z3-8 . . . . .	0,5	15	✖ ✖	768,00	96,00	12,00	4,00
<i>spicata ssp. incana</i> - see <i>incana</i>							
VA 168 <i>spicata 'Alba'</i> , 60 cm, pure white, VII-IX, Z3-8 . . . . .							
VA 172 <i>spicata 'Pink Goblin' [Rosenrot]</i> , 40 cm, intense rosy-red, dwarf, compact, VII-IX, Z3-8 . . . . .							
VA 173 <i>spicata 'Sightseeing'</i> , 60 cm, white, pink and blue, VI-VIII, Z3-8 . . . . .							
VA 174 <i>spicata f. nana 'Blaupeppich' [Blue Carpet]</i> , (EL), 15 cm, bright blue, groundcover, VI-VIII, Z3-8 . . . . .	0,5	15	✖ △ ✖	–	192,00	22,00	4,80
VA 186 <b>Spicata-Hyb.</b> 'Blue Bouquet', 50 cm, intense blue flower panicles, dark green glossy foliage, flowering the first year, VI-VIII, Z5-9 . . . . .	1,5	16	✖ ✖ ☽	–	–	72,00	9,80
VA 177 <b>Subsessilis-Hyb.</b> 'Blue Pyramid', (EL), 50 cm, shiny leathery leaves, bright blue blossoms, VI-IX, Z5-9 . . . . .	0,5	15	△ ☽ ✖	896,00	112,00	14,00	3,50
VA 176 <i>teucrium 'Royal Blue'</i> [Königsblau], (AGM), 40 cm, VI-VIII, Z4-8 . . . . .	1	15	✖ *	176,00	22,00	3,20	2,00
<i>virginica</i> - see <b>VERONICASTRUM virginicum</b>							
<b>VERONICASTRUM (LEPTANDRA)</b> (Scrophulariaceae)							
VA 191 ☼ <i>sibiricum</i> , 160 cm, blue-lilac, wide-lanceolate leaves in whorls, VIII-IX, Z3-8 <i>(see also GOLD NUGGET SEED®)</i>	0,5	9	✖ Sol	540,00	68,00	8,40	4,20
VA 180 ☼ <i>virginicum f. albiflorum</i> , Black Root, Physic Root, 175 cm, white, rarely light blue, VII-IX, Z3-8 <i>(see also GOLD NUGGET SEED®)</i>	0,5	9	✖ \$	540,00	68,00	8,40	4,20
NEW! VA 181 ☼ <i>virginicum f. caeruleum</i> , 175 cm, blue-violet, richly branched blossom panicles, whorled foliage, VII-IX, Z3-8 ( <i>see also GOLD NUGGET SEED®</i> )	0,5	9	Sol ✖	540,00	68,00	8,40	4,20
<b>VIGUIERA</b> (Asteraceae, Compositae)							
VA 188 <i>multiflora</i> , 60 cm, yellow, resembles HELIANTHUS, VII-IX, Z6-11 . . . . .	5	8	✖ △	160,00	20,00	2,60	2,60
<b>VINCETOXICUM</b> (Asclepiadaceae)							
VA 185 ☼ <i>fuscatum (CYNANCHUM)</i> , 80 cm, brownish red, bushy habit, V-VII, Z4-8 . . . . .	15	9	✖ ✖ △ \$	240,00	30,00	3,80	3,80
VA 187 <i>hirundinaria (CYNANCHUM)</i> , White Swallowwort, 50 cm, white-yellowish flower clusters, VI-VIII, Z3-6 . . . . .	15	8	✖ ✖ △ \$	164,00	20,00	2,50	2,50
<b>VIOLA</b> (Violaceae)							
<i>cornuta (x williamsii) - large flowering varieties</i> , VI-VIII, Z5-9							
VA 190 'Admiration', 20 cm, dark blue . . . . .							
VA 192 'Aprikosenfarbe' [Chantreyland], 15 cm, yellow/orange . . . . .							
VA 200 'Blue Perfection', 20 cm, large flowers, light blue . . . . .							
VA 206 'Lutea Splendens', 20 cm, golden . . . . .							
VA 216 'Rubin' [Arkwright Ruby], 20 cm, dark wine-red . . . . .							
VA 218 'White Perfection', 20 cm, white . . . . .							
VA 220 'Yellow Perfection', 20 cm, pure yellow . . . . .	3	15	✖ △ ☽	192,00	24,00	3,00	2,00
VA 221 <i>bertolonii</i> , 20 cm, violet, long spurs, V-VII, Z7-9 . . . . .	3	1	△	–	56,00	7,00	3,50
VA 229 <i>calcarata</i> , Spurred Violet, 10 cm, blue-violet, large flowering, V-VII, Z4-7 . . . . .	3	9	△	–	–	14,00	4,80
VA 256 <i>cornuta 'Alba Minor'</i> [Cornetto], (EL) (AGM), 15 cm, pure white, compact, IV-X, Z4-9 . . . . .	3	16	△ ☽ 2	–	–	–	4,80
VA 236 ☼ <i>cornuta 'Bowles Black'</i> , 15 cm, black-violet, V-IX, Z5-9 . . . . .	3	9	△ ☽	–	64,00	8,00	4,00
VA 203 <i>cornuta 'Helen Mount'</i> [Johnny Jump Up, Karpatenfrühling], 20 cm, three-colored: lavender, yellow, violet, very popular small flowering variety, VI-VIII, Z5-9 . . . . .	3	15	✖ △ ☽	192,00	24,00	3,00	2,00
VA 255 <i>cornuta 'Minor'</i> , (AGM), 15 cm, light violet, compact, IV-X, Z4-9 . . . . .	3	16	△ ☽ 2	384,00	48,00	6,80	3,40
VA 260 ☼ <i>corsica [Little Gem]</i> , (PS), Corsican Violet, 20 cm, violet, abundant flowering, V-VII, Z4-10 . . . . .	3	16	△	–	64,00	8,00	4,00
VA 262 ☼ <i>elatior</i> , Tall Violet, 45 cm, soft violet, upright habitat, VI-VII, Z4-8 . . . . .	4	8	△	320,00	40,00	5,00	2,50
<i>(see also GOLD NUGGET SEED®)</i>							
VA 234 <i>labradorica</i> hort. 'Purpurea', 15 cm, china blue, decorative dark foliage, IV-VI, Z2-8 . . . . .	3	8	△ ☽	512,00	64,00	8,00	4,00
<i>(see also GOLD NUGGET SEED®)</i>							
VA 233 ☼ <i>mandshurica</i> , 20 cm, mostly blue with dark veins, rarely white, triangular leaves, IV-VI, Z6-9 . . . . .	2	9	△	720,00	90,00	12,00	6,00
VA 251 <i>mandshurica 'Fuji Dawn'</i> , 15 cm, purple-violet, in spring white-pink-green variegated foliage, III-V, Z6-9 . . . . .	3	8	△ ☽	–	510,00	68,00	9,80
<i>nigra</i> - see <i>cornuta 'Bowles Black'</i>							

*continued on the following page*

**Production – Breeding – Seed Technology**

			Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:			
						from 100 g	from 10 g	from 1 g	Portion
<b>VIOLA continuation</b>									
VA 261	<b>odorata</b> 'Reine de Neiges' [ <i>Schneekönigin, Eismeer</i> ], 15 cm, white, pale blue at first, III-IV, Z5-9								
VA 238	<b>odorata</b> 'Königin Charlotte', Sweet Violet, 20 cm, blue, III-IV + VIII-X, Z5-9								
VA 257	<b>odorata</b> 'Royal Wedding', 20 cm, pure white form of 'Königin Charlotte', strongly fragrant, III-IV + VIII-X, Z5-9								
VA 239	<b>odorata f. rubra</b> , 15 cm, purplish red, III-IV, Z5-9								
VA 240	<b>odorata</b> var. <i>sulfurea</i> [ <i>Irish Elegance</i> ], 15 cm, apricot-yellow, III-IV, Z5-9								
VA 243	<b>pedatifida</b> , 8 cm, violet, leaves palmately divided into narrow segments, IV-VI, Z2-7								
VA 267	<b>pumila</b> , 10 cm, soft blue, delicate cushions, IV-VI, Z4-8								
VA 241	<b>reichenbachiana</b> ( <i>sylvestris</i> ), 15 cm, pale violet, IV-VI, Z6-9								
	<i>riviniana</i> 'Purpurea Group' - see <b>labradorica</b> hort. 'Purpurea'								
VA 249	<b>rupestris</b> 'Rosea' [ <i>Teesdale</i> ], 5 cm, dark pink, rich flowering, often reblooming, V-VII, Z6-9								
VA 245	<b>sororia</b> (papilionacea), 15 cm, mostly blue with light eye, IV-V, Z3-8								
VA 246	<b>sororia</b> 'Albiloba' [ <i>Emperor White</i> ], , 15 cm, pure white, with dark eye, IV-V, Z3-8 (see also GOLD NUGGET SEED®)								
VA 252	<b>sororia</b> 'Dark Freckles', 15 cm, light blue with violet speckles, IV-V, Z3-8 (see also GOLD NUGGET SEED®)								
VA 248	<b>sororia</b> 'Freckles', 15 cm, white, china-blue speckled, IV-V, Z3-8 (see also GOLD NUGGET SEED®)								
VA 247	<b>sororia</b> 'Rubra' [ <i>Emperor Magenta Red</i> ], 15 cm, ruby-red, IV-V, Z3-8 (see also GOLD NUGGET SEED®)								
VA 263	<b>sororia</b> 'Sorority Sisters', , 15 cm, mixture of a wide range of colours from white, light blue, dark blue, red to violet, including speckled variants, IV-V, Z3-8 (see also GOLD NUGGET SEED®)								
VA 269	<b>triloba</b> , 20 cm, blue-violet, cordate to dissected foliage, upright, IV-V, Z4-9								
<b>VISCARIA</b>	<b>alpina</b> - see <b>LYCHNIS</b> alpina								
	<b>vulgaris</b> - see <b>LYCHNIS</b> viscaria								
<b>VITEX agnus-castus</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed									
<b>WAHLENBERGIA</b> (Campanulaceae)									
WA 006	<b>akaroa</b> , 15 cm, china blue, rich flowering, flat cushions, VI-VIII, Z5-9	0,25	16			–	–	–	6,00
WA 004	<b>albomarginata</b> ( <i>saxicola</i> ), 10 cm, light blue to white, often dark veined, VI-VII, Z5-9	0,25	8			–	288,00	36,00	6,00


**VIOLA cornuta 'Bowles Black'**

**VIOLA corsica**

**VIOLA elatior**

**VIOLA mandshurica**

**VIOLA odorata 'Royal Wedding'**

Production – Breeding – Seed Technology

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>WULFENIA</b> (Scrophulariaceae)								
WA 012	<b>carinthiaca</b> , 30 cm, blue, V-VIII, Z5-8 . . . . .	0,25	9	△ Ca	–	–	–	6,00
WA 013	<b>carinthiaca 'Alba'</b> , 30 cm, white, V-VIII, Z5-8 . . . . .	0,25	9	△ Ca	–	–	–	8,00
<b>WYETHIA</b> (Asteraceae, <i>Compositae</i> )								
WA 016	<b>amplexicaule</b> , Mulesear, 60 cm, yellow, broad basal leaves, VI-VIII, Z4-8 . . . . .	40	1	△ *	120,00	16,00	2,40	2,40
<b>XEROPHYLLUM</b> (Melanthiaceae, <i>Liliaceae</i> )								
XA 010	<b>tenax</b> , Bear Grass, 150 cm, grass-like Liliaceae, white racemes, violet filaments, protect from winter-wet, propagation only from seed, V-VII, Z5-9 . . . . .	5	1	Sol ✕	280,00	36,00	4,60	2,30
<b>YUCCA</b> (Agavaceae)								
YA 008	<b>baccata</b> , Broad Leaved Yucca, 50 cm, creamy white, reddish violet bracts, IV-VII, Z5-9 . . . . .	100	15	△	192,00	24,00	3,40	7,20
YA 012	<b>filamentosa</b> , <small>(AGM)</small> , 150 cm, white, completely winter hardy, VII-IX, Z5-9 . . . . .	80	20	Sol \$	184,00	24,00	3,40	3,40
YA 010	<b>glaucia</b> , 150 cm, white, branched flower stems, very narrow leaves, VII-IX, Z4-9 . . . . . <b>parviflora</b> - see <b>HESPERALOE</b>	100	20	~ \$	82,00	12,00	2,00	5,20



VIOLA odorata f. rubra



VIOLA sororia



VIOLA sororia 'Albiflora'



VIOLA sororia 'Dark Freckles'



VIOLA sororia 'Freckles'



VIOLA sororia 'Rubra'



VIOLA sororia 'Sorority Sisters'



VIOLA triloba



WYETHIA amplexicaule



**YUCCA** filamentosa



**YUCCA** glauca



**ZIGADENUS** elegans



**ZINNIA** grandiflora



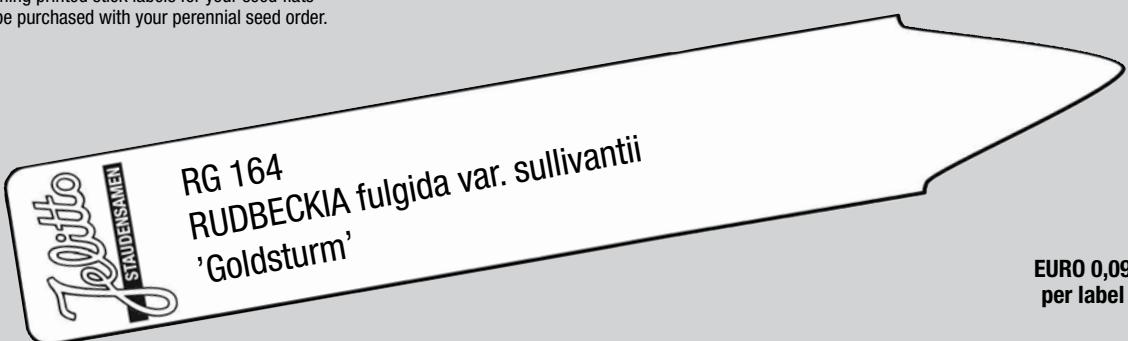
**ZIZIA** aptera

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	from 100 g	Prices in EURO net per: from 10 g	from 1 g	Portion
<b>ZIGADENUS</b> (Melanthiaceae, Liliaceae)								
ZA 004 ☼ elegans, 90 cm, star-shaped blossoms, yellowish-white with greenish center spots, VI-VIII, Z3-7 ( <i>see also GOLD NUGGET SEED®</i> ).....		5	1	✗ ≈	512,00	64,00	8,00	4,00
<b>ZINNIA</b> (Asteraceae)								
ZA 010 ☼ grandiflora, Rocky Mountain Zinnia, 15 cm, golden, rich flowering, narrow needle-like foliage, good hardy perennial in well drained soils, VII-X, Z4-9,.....	pure seed	5	16	△ 2 Ⓛ	1440,00	180,00	24,00	9,80
<b>ZIZIA</b> (Apiaceae, Umbelliferae)								
ZA 012 ☼ aptera, Golden Alexander's, 40 cm, golden umbels, shiny, dark green, cordate foliage, V-VI, Z3-8 .....		5	8	✗	252,00	34,00	4,20	2,10
ZA 013 aurea, 60 cm, yellow umbels, lanceolate foliage, IV-VI, Z3-9.....		5	8	✗ ≈	192,00	24,00	3,00	2,00

## PRINTED STICK IN LABELS?

Item code No. YY004 - Custom printing by Jelitto!

Matching printed stick labels for your seed flats  
can be purchased with your perennial seed order.



Label order must be purchased as a set (1 set = 1 label per variety ordered). More than one set of labels can be purchased for each seed order.

Production – Breeding – Seed Technology				Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>ACHNATHERUM</b> (Poaceae, Gramineae)										
	brachytrichium - see <b>CALAMAGROSTIS brachytrichia</b>									
ZA 024	calamagrostis (STIPA), <small>[AGM]</small> , Silver Spike Grass, 80 cm, VI-IX, Z5-8, . . . . .	pure seed	2	8	×	–	256,00	32,00	6,20	
ZA 025	hymenoides 'Rimrock' (ORYZOPSIS), Indian Rice Grass, 50 cm, graceful golden spikes, very drought tolerant, VIII-IX, Z5-8 . . . . .		10	1	△ ⓘ	32,00	8,00	2,00	2,00	
ZA 022	splendens (STIPA), Chee Grass, 200 cm, loose rose-violet flower panicles, clump forming, VI-VIII, Z6-9 . . . . .		3	15	Sol	580,00	64,00	9,20	3,10	
<b>ACORUS</b> - see Perennial assortment										
<b>AGROPYRON magellanicum</b> - see <b>ELYMUS magellanicus</b>										
<b>AMMOPHILA</b> (Poaceae, Gramineae)										
ZA 026	arenaria, Marram Grass, 100 cm, dense spikes, grey-green leaves, VII-VIII, Z4-10 . . . . .		20	16	ⓘ	196,00	28,00	4,00	4,00	
<b>AMPELODES莫斯</b> (Poaceae, Gramineae)										
ZA 028	mauritanicus, 200 cm, impressive flower heads, VII-XII, Z7-10 . . . . .		10	20	Sol ×	256,00	32,00	4,00	4,00	
<b>ANDROPOGON</b> (Poaceae, Gramineae)										
ZA 030	gerardii, 150 cm, red tinged stalks, VIII-X, Z3-8, . . . . .	pure seed	5	15	Sol ×	160,00	20,00	2,60	2,00	
ZA 031	glomeratus, Bushy Beardgrass, 80 cm, densely clustered spikes, upright clumps with orange fall colour, moist locations, IX-X, Z5-9, . . . . .	pure seed	1	9	⌘⌘ ⓧ	768,00	96,00	12,00	4,00	
ZA 029	hallii, Sand Bluestem, 140 cm, blue-green foliage, often yellowish-green stems, VIII-X, Z3-8, . . . . .	pure seed	5	16	Sol ×	240,00	34,00	4,90	3,20	
ZA 034	scoparius (SCHIZACHYRIUM), 120 cm, beautiful fall colors, variable, VIII-X, Z3-9, . . . . .	pure seed	5	16	×	160,00	20,00	2,60	2,00	
ZA 032	scoparius 'Blaze', 100 cm, silvery spikes, sturdy selection with green foliage, reddish fall and winter colours, VIII-X, Z3-9, . . . . .	pure seed	3	15	✗ ⚡	240,00	34,00	4,90	3,20	
ZA 027	scoparius 'Camper', 100 cm, silver spikes, grey-green foliage, beautiful fall colors, for dry locations, VIII-X, Z3-9, . . . . .	pure seed	3	15	✗ ⚡	240,00	34,00	4,90	3,20	
ZA 033	scoparius 'Prairie Blues', 100 cm, silvery fluffy seed heads, thin, ribbon-like, greyish-blue foliage, grey-blue foliage clumps, reddish-orange fall color, VIII-X, Z3-9, . . . . .	pure seed	3	15	✗ ⚡	1280,00	160,00	22,00	7,20	
ZA 041	ternarius, Split-beard Bluestem, 60 cm, shiny silver, richly branched spikes, copper-red fall colour, VIII-X, Z5-9, . . . . .	pure seed	3	16	✗	512,00	64,00	8,00	4,00	
<b>ANEMANTHELE</b> (Poaceae, Gramineae)										
ZA 048	lessoniana (AGROSTIS) [Buffalo's Gold, Pheasant Tails, Sirocco], <small>[AGM]</small> , Pheasant's-tail Grass, 60 cm, dense clumps with graceful leaves, delicate fine spikes, golden-orange fall colour, VIII-IX, Z7-10, . . . . .	pure seed	1	15	✗ ⚡	768,00	96,00	12,00	4,00	
<b>ANTHOXANTHUM odoratum</b> - see Perennial Herbs - Culinary, Teas and Medicinal + Organic Seed										
<b>APODASMIA</b> - see <b>LEPTOCARPUS</b>										



ACHNATHERUM hymenoides 'Rimrock'



AMMOPHILA arenaria



AMPELODES莫斯 mauritanicus



ANDROPOGON gerardii



ANDROPOGON glomeratus



ANDROPOGON hallii



ANDROPOGON scoparius 'Blaze'



ANDROPOGON scoparius 'Camper'

Perennials

 Printed Stick  
In Labels

Ornamental Grasses



*ANDROPOGON scoparius 'Prairie Blues'*



*ANDROPOGON ternarius*



*BOUTELOUA gracilis 'Bad River'*



*ANEMANTHELE lessoniana*



*BOLBOSCHOENUS maritimus*



*BRIZA media*



*BRIZA triloba*



*CAREX albula 'Frosted Curls'*



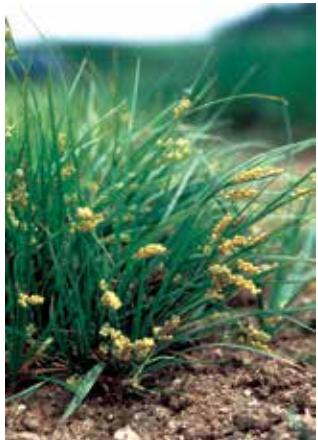
*BUCHLOE dactyloides*



*CAREX appalachica*

Production – Breeding – Seed Technology				Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>BOLBOSCHOENUS</b> (Cyperaceae)										
ZA 336 <b>maritimus</b> ( <b>SCIRPUS</b> ), Sea Club Rush, 120 cm, squared stems, VI-VIII, Z5-10 . . . . .		5	17	❀❀			72,00	12,00	2,00	2,00
<b>BOUTELOUA</b> (Poaceae, <i>Gramineae</i> )										
ZA 044 <b>curtipendula (racemosa)</b> , 80 cm, pendulous culms, spikelets on one side of the upper half, VI-XI, Z4-9, . . . . .	<b>pure seed</b>	3	15	✖️ ⓘ			224,00	28,00	3,60	2,00
ZA 040 <b>gracilis (oligostachya)</b> , 50 cm, 2-3 one-sided spikelets per culm, horizontal standing, VII-IX, Z3-9, . . . . .	<b>pure seed</b>	2	15	✖️ ⓘ			256,00	32,00	4,00	2,00
NEW! ZA 043 <b>gracilis 'Bad River'</b> ,  Mosquito-Grass, 30 cm, countless horizontal flower spikelets, slender foliage clumps, compact habit, reliable first year flowering, best hardiness, VII-XI, Z3-9, . . . . .	<b>pure seed</b>	2	15	⌚⌚✖️⌚⌚			380,00	48,00	6,40	2,80
<b>BRACHYPODIUM</b> (Poaceae, <i>Gramineae</i> )										
ZA 049 <b>pinnatum</b> , Tor Grass, 60 cm, slender spikes, yellow-brown autumn colour, VI-VIII, Z4-8 . . . . .	6	16	ⓘ ✖️ ↗↗				36,00	6,00	2,00	2,00
ZA 050 <b>sylvaticum</b> , 100 cm, fresh green clumps, well suited for shade, VI-IX, Z4-8 . . . . .	10	16	✖️				72,00	12,00	2,00	2,00
<b>BRIZA</b> (Poaceae, <i>Gramineae</i> )										
ZA 061 <b>media [Doddering Dillies]</b> , Quaking Grass, 50 cm, heart-shaped spikelets, for dried arrangements, V-VII, Z4-7, . . . . .	<b>pure seed</b>	1	16	✖️ ⓘ			460,00	58,00	7,20	3,60
ZA 062 <b>triloba (subaristata)</b> , Chilean Quaking Grass, 30 cm, arching spikes, very graceful, VI-VIII, Z6-9 . . . . .	<b>pure seed</b>	2	16	✖️ ⚫			256,00	32,00	4,60	2,30
<b>BUCHLOE</b> (Poaceae, <i>Gramineae</i> )										
ZA 063 <b>dactyloides</b> , Buffalo Grass, 20 cm, grey-green, creeping, for dry locations, Z4-9 . . . . .		30	16	↗↗ ⓘ			48,00	8,00	2,00	2,00
<b>CALAMAGROSTIS</b> (Poaceae, <i>Gramineae</i> )										
arenaria - see <b>AMMOPHILA</b>										
ZA 020 <b>brachytricha</b> ,  , Diamond-Korean Feather Reed Grass, 80 cm, IX-XII, Z4-9, . . . . .	<b>pure seed</b>	2	15	✖️			1920,00	256,00	32,00	6,20
ZA 067 <b>canadensis</b> , Bluejoint Reedgrass, 120 cm, silvery spikes, VI-VII, Z2-8, . . . . .	<b>pure seed</b>	0,5	1/20	↗↗ ❀❀			1400,00	176,00	22,00	5,50
ZA 065 <b>epigejos</b> , Wood Small Reed, 150 cm, brown spikes, runners, VII-VIII, Z3-9, . . . . .	<b>pure seed</b>	0,5	9/20	↗↗			384,00	48,00	6,00	3,00
<b>CALOPSIS</b> (Restionaceae)										
ZA 052 <b>paniculata</b> , Broom-Restio, 250 cm, dense brown spikes, giant horsetail-like stems, VIII-X, Z7-10, . . . . .	<b>pure seed</b>	1	16	Sol ⌂✖️❀❀			-	486,00	54,00	9,00
<b>CANNOMOIS</b> (Restionaceae)										
ZA 053 <b>virgata</b> , Bellreed, to 300 cm, densely branched spikes, bamboolike habit, VIII-X, Z7-10 . . . . .		400	1	Sol ⌂ ✎			220,00	28,00	3,50	14,00
<b>CAREX</b> (Cyperaceae)										
ZA 069 <b>acuta (gracilis)</b> , 80 cm, V-VI, Z3-7 . . . . .		3	9	❀❀			160,00	20,00	2,50	2,00
ZA 070 <b>acutiformis</b> , Swamp Sedge, 70 cm, grey-green, V-VI, Z3-6 . . . . .		5	9	❀❀			132,00	18,00	2,50	2,50
ZA 072 <b>albula 'Frosted Curls' (comans var. stricta, freatalis)</b> , 20 cm, striking silvery foliage, dense clumps, Z6-9 . . . . .		2	16	△ *			960,00	122,00	16,00	4,80
ZA 073 <b>appalachica</b> , Appalachian Sedge, 25 cm, yellow-green loose spikes, dense clumps, graceful narrow foliage, drought tolerating groundcover, V-VII, Z3-8 . . . . .		2	8	△ *			-	-	24,00	6,00
ZA 076 <b>arenaria</b> , Sand-Sedge, 15-50 cm, dark-green carpets, V-IX, Z6-9 . . . . .		5	9	↗↗ ⓘ ⓘ			256,00	32,00	4,00	2,00
ZA 075 <b>aurea</b> , Golden Sedge, 20 cm, yellow-orange berry-like seed pots, loose clumps, III-V, Z3-9 . . . . .		3	8	△ ⓘ			-	46,00	6,80	3,40
ZA 077 <b>berggrenii</b> , 5 cm, green-brown cushions, very small, Z6-9 . . . . .		2	9	△ *			-	-	32,00	6,00
ZA 078 <b>buchananii [Red Rooster]</b> , , 50 cm, brown-red, unpretentious, Z6-9 . . . . .		3	16	❀❀ △ *			768,00	96,00	12,00	4,80
ZA 068 <b>buchananii 'Firefox'</b> ,  60 cm, intensive fox brown to reddish foliage, strictly upright habit, less arching than the typical form and more winterhardy, evergreen (brown) outstanding ornamental grass, VIII-IX, Z5-9 . . . . .		2	16	△ *			-	122,00	16,00	4,80
ZA 079 <b>buchananii f. viridis 'Green Twist'</b> ,  40 cm, olive-green foliage with slightly twisted tips, upright habit, evergreen, Z6-9 . . . . .		2	9	❀❀ △ *			-	128,00	16,00	6,00
ZA 080 <b>comans [Amazon Mist, Frosted Curls (missapplied)]</b> , 30 cm, dense green clumps, with narrow culms, Z6-9 . . . . .		3	16	△			768,00	96,00	12,00	4,80
ZA 081 <b>comans bronze form [Bronco, Bronze Curls, Zora]</b> , 30 cm, brown-red clumps, compact, Z6-9 . . . . .		3	16	△ *			960,00	122,00	16,00	4,80
<b>comans 'Frosted Curls'</b> - see <b>albula 'Frosted Curls'</b>										
<b>comans var. stricta</b> - see <b>albula</b>										
ZA 071 <b>comosa</b> , Bristly Sedge, 60 cm, thick bristly spikes, glossy green foliage, VI-VIII, Z4-10 . . . . .		3	9	✖️ ❀❀			98,00	14,00	2,00	2,00
ZA 088 <b>davalliana</b> , Davall's Sedge, 25 cm, bronze-brown, loose spikes, graceful foliage, clump-forming, V-VII, Z4-8 . . . . .		3	9	△ *			-	-	16,00	4,80

continued on the following page



CAREX aurea



CAREX buchananii 'Firefox'



CAREX buchananii f. viridis 'Green Twist'



CAREX flagellifera bronze form



CAREX comosa



CAREX davalliana



CAREX divisa

	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
				from 100 g	from 10 g	from 1 g	Portion	
<b>CAREX continuation</b>								
NEW! ZA 087 <b>divulsa</b> , 35 cm, dark green foliage clumps, versatile and evergreen ground cover, tolerates dry locations, V-VI, Z4-9 . . . . .	4	9		960,00	122,00	16,00	4,80	
ZA 082 <b>flaccia (glauca)</b> , Blue-green Sedge, 25 cm, IV-V, Z4-8 . . . . .	3	9		160,00	20,00	2,50	2,00	
ZA 085 <b>flagellifera bronze form [Toffee Twist, Bronzita, Auburn]</b> , 40 cm, widely arching clumps, bronze red leaves, VII-VIII, Z6-9 . . . . .	2	16		960,00	122,00	16,00	4,80	
ZA 094 <b>flagellifera 'Kiwi' [Phoenix Green]</b> , , 40 cm, widely arching clumps, olive-green foliage, a selection of Janus Gardens, VII-VIII, Z6-9 . . . . .	2	16		960,00	122,00	16,00	4,80	
ZA 083 <b>flava</b> , 20 cm, yellowish spikes, dense carpets, VI-VII, Z5-8, . . . . .	3	8		240,00	30,00	3,80	2,00	
ZA 084 <b>folliculata</b> , Northern Long Sedge, 40 cm, impressive star-shaped seed heads, more graceful than C. grayi, light-green glossy foliage, VI-VIII, Z5-9, . . . . .	20	9		320,00	46,00	6,80	6,80	
ZA 086 <b>grayi</b> , Morning Star Sedge, 50 cm, decorative seed heads, good cut flower, VI, Z6-9, <b>pure seed</b> . . . . .	35	1		128,00	22,00	2,80	4,50	
ZA 089 <b>lurida</b> , 40 cm, large, nodding spikes, very showy, VI-VIII, Z4-8, . . . . .	3	16		240,00	30,00	3,80	2,00	
ZA 091 <b>macrocephala</b> , 15 cm, solitary flower heads, 4-6 cm long, chestnut brown, V-VII, Z5-8 . . . . .	2	9		–	64,00	8,00	8,00	
ZA 090 <b>muskingumensis</b> , 90 cm, very effective as specimen and on water, VI, Z4-9, . . . . .	3	16		240,00	32,00	4,20	2,00	
ZA 096 <b>paniculata</b> , Greater Tussock Sedge, 60 cm, glossy brown, deep green clumps, V-VI, Z6-9 . . . . .	1	9		160,00	20,00	2,50	2,50	
ZA 098 <b>pendula (maxima) [Fresh Look]</b> , 100 cm, evergreen, VI, Z5-8 . . . . .	3	16		96,00	12,00	2,00	2,00	
ZA 099 <b>petriei</b> , Brown Sedge, 20 cm, bronze-brown clumps, flowerstems remain between the leaves, like a small C. buchananii, varia, VII-VIII, Z6-9 . . . . .	2	9		768,00	96,00	12,00	4,80	
ZA 095 <b>plantaginea 'Blue Ridge'</b> , , 35 cm, golden brown spikes, evergreen shiny broad leaves, very vigorous selection, IV-VI, Z4-8 . . . . .	7	8		792,00	88,00	9,80	4,90	
ZA 102 <b>pseudocyperus</b> , 75 cm, light green, VI, Z3-9 . . . . .	5	9		240,00	30,00	3,80	2,00	
ZA 105 <b>remota</b> , 50 cm, green, V-VII, Z5-9 . . . . .	2	9		280,00	40,00	5,80	3,20	
ZA 104 <b>riparia</b> , Great pond-sedge, 120 cm, V-VI, Z5-9 . . . . .	5	1		112,00	16,00	2,40	2,00	
ZA 106 <b>rosea</b> , Rosy Sedge, Curly-styled Wood Sedge, 25 cm, rosy-red flowering stigmas, loose spikes, dense clumps, graceful narrow foliage, drought tolerating groundcover, V-VI, Z4-8 . . . . .	3	8		280,00	40,00	5,80	3,20	
ZA 103 <b>secta</b> , 30 cm, green leaved clumps, erect growth, V, Z6-10 . . . . .	3	9		512,00	64,00	8,00	4,00	
ZA 122 <b>solandri</b> , New Zealand Woodland Sedge, 45 cm, dark brown arching spikes, dark olive-green foliage, dense clumps, VII-VIII, Z6-9 . . . . .	2	9		512,00	64,00	8,00	4,00	
ZA 119 <b>sparganioides</b> , Bur-reed Sedge, 60 cm, similar to C. muskingumensis, but with hedgehog-like spikes, V-VII, Z4-9, . . . . .	pure seed	1		360,00	46,00	5,80	2,90	
ZA 101 <b>species 'Majken'</b> , 60 cm, thick hanging fruit spikes, VI-VIII, Z5-9 . . . . .	2	9		–	40,00	5,20	2,60	
ZA 108 <b>sylvatica</b> , 60 cm, Forest Sedge, VI, Z5-8 . . . . .	5	9		240,00	32,00	3,80	2,60	
ZA 114 <b>tenuiculmis [Bronzina]</b> , 30 cm, red-bronze coloured foliage, Z6-11 . . . . .	3	9		768,00	96,00	12,00	4,80	
ZA 111 <b>testacea [Orange Sedge, Indian Summer, Prairie Fire]</b> , 45 cm, intense orange-brown clumps, very attractive, Z6-9 . . . . .	3	9		768,00	96,00	12,00	4,80	
ZA 113 <b>trifida</b> , 90 cm, very big brownish-black spikes, strong blue-green foliage, very impressive, VI-VIII, Z6-10 . . . . .	3	1	Sol	240,00	30,00	3,80	2,00	
<b>CHASMANTHIUM (Poaceae, Gramineae)</b>								
ZA 430 <b>latifolium (UNIOLA) [Green Dangles]</b> , Spike Grass, 80 cm, VIII-X, Z4-10, . . . . .	<b>pure seed</b>	10	20		240,00	32,00	4,00	4,00
ZA 431 <b>latifolium 'Little Tickler'</b> , 50 cm, large arching spikes, dwarf and compact, narrower leaves than the species, stable, a selection from Ivy Farms, VIII-X, Z5-10, . . . . .	<b>pure seed</b>	10	20		–	210,00	32,00	7,60
ZA 434 <b>laxum</b> , Slender Wild Oat, 80 cm, reddish-brown slender spikes, clump forming, VII-VIII, Z5-9, . . . . .	<b>pure seed</b>	2	9		624,00	78,00	12,00	4,00
<b>CHIONOCHLOA (Poaceae, Gramineae)</b>								
ZA 038 <b>conspicua</b> , 180 cm, similar to Pampas Grass, cream-white flower spikes, VII-VIII, Z6-9, <b>p. seed</b> . . . . .	2	15	Sol	648,00	72,00	8,00	4,00	
ZA 037 <b>flavicans</b> , 150 cm, golden-silvery flowerspikes, strong clumps, for mild locations, VII-VIII, Z6-9, . . . . .	<b>pure seed</b>	2	9	Sol	–	56,00	7,20	3,60
ZA 042 <b>rigida</b> , Snow Tussock, 120 cm, silvery flowerspikes, upright clumps, for mild locations, VI-VIII, Z6-9, . . . . .	<b>pure seed</b>	5	9	Sol	448,00	56,00	7,20	3,60
ZA 039 <b>rubra ssp. cuprea</b> , Red Tussock Grass, 120 cm, dense arching clumps, green-bronze foliage, for mild locations, VI-VII, Z6-9, . . . . .	<b>pure seed</b>	5	9	Sol	320,00	40,00	5,00	2,50
<b>CHONDROPETALUM (ELEGIA) (Restionaceae)</b>								
ZA 058 <b>tectorum</b> , Cape-Rush, 120 cm, dark green stems with red-brown leaf-sheaths, brown flower heads, dense clumps, VIII-X, Z7-10, . . . . .	<b>pure seed</b>	0,25	1	Sol	–	640,00	72,00	9,00
<b>CHONDROSUM gracile - see BOUTELOUA gracilis</b>								



CAREX comans bronze form



CAREX flagellifera 'Kiwi'



CAREX flava



CAREX grayi



CAREX lurida



CAREX petriei



CAREX pseudocyperus



CAREX plantaginea 'Blue Ridge'



CAREX remota



CAREX secta



CAREX solandri



CAREX sylvatica



CAREX testacea

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>CHRYSTOPOGON</b> (Poaceae, Gramineae)									
ZA 109 <b>gryllus</b> , Goldbeard Grass, 100 cm, VIII-X, Z5-9 . . . . .	nutans - see SORGHASTRUM nutans	10	8	✗ ⓘ	224,00	28,00	3,60	3,60	
<b>CLADIUM</b> (Cyperaceae)									
ZA 118 <b>mariscus</b> , Great Fen Sedge, 150 cm, yellow-brown flower heads, wintergreen, VI-VIII, Z3-10 . . . . .		5	18	✗ ⓘ	180,00	22,00	2,80	2,80	
<b>CORTADERIA</b> (Poaceae, Gramineae)									
ZA 117 <b>fulvida</b> , Kakaho, 200 cm, bronze-silvery, loose arching flower-heads, VI-VIII, Z7-10, . . . . .		pure seed	2	16	✗ Sol	768,00	96,00	12,00	6,00
ZA 115 <b>richardii</b> , <sup>(AGM)</sup> Toe Toe, 250 cm, silvery, loose arching flower-heads, VII-X, Z7-10, . . . . .		pure seed	2	16	✗ Sol	768,00	96,00	12,00	6,00
ZA 110 <b>selloana</b> [ <i>White Feather, White Plume</i> ], Pampas Grass, 200 cm, showy silver-white plumes, IX-X, Z7-10, . . . . .		pure seed	1	15	✗ Sol	460,00	62,00	8,40	3,40
ZA 112 <b>selloana 'Rosea'</b> [ <i>Pink Feather, Pink Plume</i> ], Pampas Grass, 200 cm, long plumes tinged pink, variable, IX-X, Z7-10, . . . . .		pure seed	1	15	✗ Sol	460,00	62,00	8,40	3,40
<b>CORYNEPHORUS</b> (Poaceae, Gramineae)									
ZA 120 <b>canescens [Spiky Blue]</b> , Silver Grass, 25 cm, blue-green cushions, delicate leaves, silvery panicles, often tinged red, tolerates dry, sandy, lightly acidic soil, VI-VIII, Z6-10, . . . . .		pure seed	0,25	15	△ 🍁	-	192,00	24,00	3,80


**CAREX trifida**

**CHASMANTHIUM latifolium**

**CHASMANTHIUM laxum**

**CHIONOCHLOA flavicans**

**CHIONOCHLOA conspicua**

**CHIONOCHLOA rigida**

**CHONDROPETALUM tectorum**

**CHRYSTOPOGON gryllus**

**CORTADERIA fulvida**



**CORTADERIA richardii**



**CORYNEPHORUS canescens**



**DESCHAMPSIA cespitosa 'Pixie Fountain'**



**CYPERUS papyrus**



**DIARRHENA americana**

	Gram to get 1000 plants	Nr. of the sowing directions	Special Hints	Prices in EURO net per:			
				from 100 g	from 10 g	from 1 g	Portion
<b>CYMBOPOGON</b> (Poaceae, <i>Gramineae</i> )							
ZA 126 <b>flexuosus</b> , East Indian Lemongrass, 140 cm, foliage with intensive lemon fragrance, VIII-X, Z8-11, . . . . .	pure seed	1	15	1360,00	160,00	22,00	6,00
<b>CYPERUS</b> (Cyperaceae)							
ZA 130 <b>glaber</b> ( <i>PYCNEUS glaber</i> ), 60 cm, for dry and moist conditions, blooms V-XII (frost), very decorative, excellent for cutting, Z7-10, . . . . .	pure seed	1	16	496,00	62,00	7,80	2,00
ZA 134 <b>longus</b> , Sweet Galingale, 80 cm, rusty brown, attractive bracts, VII-X, Z6-9, . . . . .	pure seed	0,25	16   Sol	–	72,00	9,20	2,20
ZA 136 <b>papyrus</b> ,  Papyrus, 200 cm, very decorative, excellent cut flower, VI-X, Z8-11, . . . . .	pure seed	0,15	4/9	–	–	124,00	7,90
<b>DESCHAMPSIA</b> (Poaceae, <i>Gramineae</i> )							
ZA 140 <b>cespitosa</b> , 150 cm, dense green clumps, VI-IX, Z4-7, . . . . .	pure seed	1	16 Sol	96,00	16,00	2,60	2,00
ZA 139 <b>cespitosus 'Pixie Fountain'</b> ,  60 cm, brilliant silver-green, followed by golden-brown flower spikes, compact habit, dens evergreen foliage clumps, very cold tolerant, VI-IX, Z2-7, . . . . .	pure seed	1	15	360,00	64,00	12,00	4,00
ZA 141 <b>flexuosa</b> , Crinkled Hair Grass, 50 cm, loose clumps, VI-VII, Z4-7, . . . . .	pure seed	2	9	240,00	38,00	6,20	3,20
<b>DESMOSCHOENUS</b> (Cyperaceae)							
ZA 143 <b>spiralis</b> ( <i>FICINIA</i> ), Golden Sand Sedge, Pingao, 60 cm, dark brown, spiraled clusters, yellow-green leathery foliage, dune grass, V-VI, Z7-10 . . . . .	5	9	448,00	56,00	7,20	3,60	
<b>DIARRHENA</b> (Poaceae, <i>Gramineae</i> )							
ZA 146 <b>americana</b> , 80 cm, loose spikes, strong dark green leaf clumps, VII-IX, Z4-8 . . . . .	20	1 Sol	172,00	22,00	3,00	3,00	
<b>DICHANTELUM</b> - see <b>PANICUM</b>							
<b>ELEGIA</b> (Restionaceae)							
ZA 148 <b>capensis</b> , Broom-Reed, Horsetail-Restio, 200 cm, giant slender horsetail-like stems, short brown flower heads, VIII-X, Z7-10, . . . . .	pure seed	1	1 Sol	–	–	54,00	9,00
ZA 149 <b>cuspis</b> , Golden-Curls, 80 cm, dark green stems with red-brown leaf-sheaths, red-golden flower heads, VII-X, Z7-10, . . . . .	pure seed	5	1 Sol	–	288,00	36,00	9,00
ZA 054 <b>elephantina</b> ( <i>CHONDROPETALUM</i> ), Large Cape Rush, 180 cm, brown flower spikes, maroon banded stem sections, VIII-X, Z9-11, . . . . .	pure seed	0,5	1 Sol	–	432,00	54,00	9,00
ZA 152 <b>grandis</b> , 100 cm, golden-brown spikes, blue-green, cylindrical foliage stems, upright habit, VIII-X, Z7-10, . . . . .	pure seed	30	1 Sol	–	162,00	18,00	9,00
<b>ELYMUS</b> (Poaceae, <i>Gramineae</i> )							
ZA 150 <b>arenarius</b> ( <i>LEYMUS</i> ), Lyme Grass, 100 cm, blue-green pruinosed, very drought tolerant, VII-VIII, Z4-9 . . . . .	40	9	120,00	15,00	2,00	2,00	
ZA 154 <b>canadensis 'Icy Blue'</b> , Canadian Wild Rye, 140 cm, nodding blue spikes, blue-grey leaf clumps, VI-X, Z3-8 . . . . .	15	16	148,00	24,00	4,20	4,20	

continued on the following page

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>ELYMUS</b> <i>continuation</i>								
ZA 016	hystricis - see <b>HYSTRIX</b> <i>patula</i>							
ZA 016	<b>magellanicus (AGROPYRON)</b> , Magellan-Bluegrass, 80 cm, straw yellow spikes, intense blue leaf clumps, VI-VII, Z5-8.	15	15	✗ *	-	-	24,00	8,40
<b>ERAGROSTIS</b> (Poaceae, Gramineae)								
ZA 157	<b>curvula [Weeping Love]</b> , 100 cm, nodding flower panicles, VI-IX, Z6-10.	pure seed	1	15		128,00	16,00	2,60
ZA 159	<b>elliottii [Blue Eros, Wind Dancer]</b> , Blue Love Grass, 70 cm, blue-green nodding flower clumps, VI-VIII, Z6-10.	pure seed	0,25	9	Sol ✗ *	-	176,00	22,00
ZA 158	<b>spectabilis</b> , Purple Love Grass, 50 cm, brilliant purple-red flower racemes, dense compact clumps, one of the most attractive late flowering ornamental grasses, need a warm summer to flower, VIII-X, Z5-10.	pure seed	0,25	15	△ ✗ Sol ✗	-	176,00	22,00
ZA 156	<b>trichodes</b> , 120 cm, bronze-purple flower spikes, for sunny locations, VII-IX, Z7-10.	pure seed	1	9	Sol ✗	320,00	40,00	5,00
<b>ERIANTHUS (SACCHARUM)</b> (Poaceae, Gramineae)								
ZA 164	<b>ravennae</b> , Plume Grass, 180 cm, leaves decorated with white ribs, panicles emerge with violet tones, pyramid-shaped, bio-energy-plant, IX-X, Z5-10.	pure seed	3	15	✗ Sol Ⓢ	768,00	96,00	12,00
ZA 165	<b>strictus (baldwinii)</b> , 180 cm, long, narrow panicles, VIII, Z7-9	pure seed	5	16	Sol	320,00	40,00	5,00
								3,80


**ELEAGIA capensis**

**ELEAGIA cuspidata**

**ELYMUS arenarius**

**ELYMUS canadensis 'Icy Blue'**

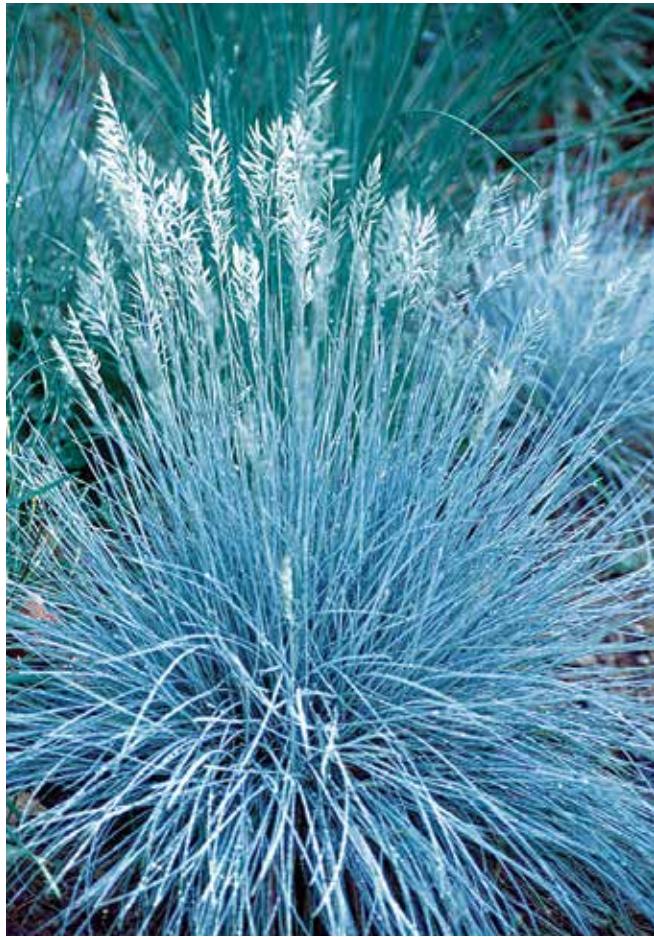
**ERIOPHORUM angustifolium**

**ERIOPHORUM vaginatum**

**ERAGROSTIS spectabilis**

**ERIANTHUS ravennae**

**FESTUCA mairei**



FESTUCA glauca 'Blue Select'



FESTUCA scoparia



FESTUCA valesiaca var. glauantha



GLYCERIA maxima



HIEROCHLOE odorata

		Gram to get 1000 plants	N° of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>ERIOPHORUM</b> (Cyperaceae)									
ZA 166	angustifolium, 40 cm, white cotton heads from June until frost, IV-V, Z3-7, . . . . .	pure seed	3	1	*** Ca	384,00	48,00	6,00	3,00
ZA 168	vaginatum, 40 cm, compact clumps, III-V, Z4-9, . . . . .	pure seed	3	1	*** Ca	320,00	40,00	5,00	2,50
<b>FARGESIA</b> (Poaceae, Gramineae)									
ZA 409	murielae ( <i>SINARUNDINARIA murielae</i> ), (AGM), Umbrella Bamboo, up to 300 cm, large clumps, Z5-9 . . . . .		25	8	Sol ↘	768,00	96,00	12,00	9,80
<b>FESTUCA</b> (Poaceae, Gramineae)									
ZA 170	amethystina, Tufted Fescue, 20 cm, fine foliage, red culms, VI, Z4-7 . . . . .	pure seed	2	15	△	256,00	32,00	4,00	2,00
	cinerea - see FESTUCA glauca								
ZA 182	gigantea, Green Giant Fescue, 100 cm, VII-VIII, Z4-7 . . . . .		5	9		48,00	6,00	2,00	2,00
ZA 187	glauca (cinerea) 'Blue Select' [Festina, Freddy, Varna], (EL), Blue Fescue, 25 cm, balanced blue clumps, V-VI, Z4-7 . . . . .	pure seed	2	15	△ *	192,00	24,00	3,00	3,00
ZA 188	mairei, Atlas-Fescue, 100 cm, arching flower racemes, strong clumps, VI-IX, Z5-9 . . . . .	pure seed	3	15	Sol ✗	440,00	56,00	7,20	3,60
ZA 190	ovina, Sheep Fescue, 25 cm, green foliage, V-VII, Z4-7 . . . . .	pure seed	3	15	△ ®	48,00	6,00	2,00	2,00
ZA 194	pulchella, 20 cm, blue-green clumps, VI-VII, Z4-7 . . . . .	pure seed	2	15	△	240,00	32,00	4,00	2,00
ZA 198	scoparia (gautieri) [Hobbit], Bear Skin Fescue, 20 cm, VI-VII, Z4-7 . . . . .	pure seed	3	9	△	620,00	74,00	8,80	3,80
ZA 200	valesiaca, Wallis-Fescue, 30 cm, upright spikes, hair-like foliage, dense blue-green clumps, V-VI, Z4-7 . . . . .	pure seed	3	15	△	160,00	22,00	3,20	2,00
ZA 202	valesiaca var. glauantha [Buddy Blue], Glaucous Wallis Fescue, 25 cm, fine, hairlike culms, dense, blue-grey clumps, variable, V-VI, Z4-7 . . . . .	pure seed	2	15	△ *	620,00	74,00	8,80	3,80
<b>GLYCERIA</b> (Poaceae, Gramineae)									
ZA 208	maxima, 200 cm, erect, light green leaves, panicle 40 cm, brownish, VII, Z4-8, . . . . .	pure seed	3	9	*** ®	192,00	24,00	3,00	2,00
<b>HIEROCHLOE</b> (Poaceae, Gramineae)									
ZA 215	odorata, Vanillagrass, 40 cm, loose panicles, reminding of BRIZA, dense clumps, with runners, intense vanilla-fragrance, V-VI, Z4-8, . . . . .	pure seed	2	16	↔ ® \$	-	324,00	36,00	6,00
<b>HYSTRIX</b> (Poaceae, Gramineae)									
ZA 220	patula ( <i>ELYMUS hystrix</i> ), Bottle Brush Grass, 60 cm, VI-VIII, Z4-8 . . . . .	pure seed	10	15	✗	240,00	32,00	4,20	2,80
<b>ISCHYROLEPIS</b> (Restionaceae)									
ZA 224	subverticillata ( <i>RESTIO</i> ), Dune-Restio, 200 cm, white-yellow spikes, giant horsetail-like tussock, IV-VI, Z7-10 . . . . .	pure seed	5	8	Sol ☐ ✗	-	240,00	34,00	8,20



*HYSTRIX* *patula*



*ISCHYROLEPIS* *subverticillata*



*JUNCUS* *effusus* 'Spiralis'



*JUNCUS* *ensifolius*



*JUNCUS* *filiformis* 'Spiralis'



*JUNCUS* *inflexus*



*JUNCUS* *pallidus*



*KOELERIA* *vallesiana* 'Mountain Breeze'



*KOELERIA* *glauca*



*LUZULA* *luzuloides*

## Production – Breeding – Seed Technology

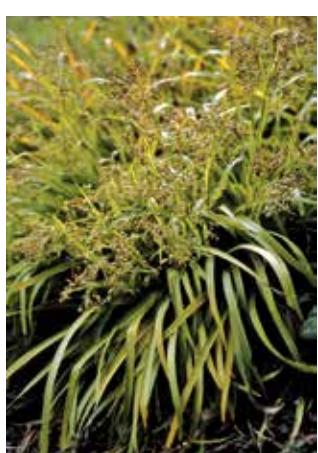
	Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
				from 100 g	from 10 g	from 1 g	Portion	
<b>JUNCUS</b> (Juncaceae)								
ZA 228 <i>effusus</i> , Rush, 60 cm, dense, dark green clumps, VII–VIII, Z3-10 . . . . .	1	1		320,00	40,00	5,00	2,50	
ZA 229 <i>effusus 'Spiralis'</i> [ <i>Twister</i> ], Curly Soft Rush, 40 cm, corkscrew-like, twisted, dark green leaves, VII–VIII, Z3-10 . . . . .	0,1	1		7200,00	840,00	98,00	7,60	
ZA 230 <i>ensifolius [Starhead, Flying Hedgehogs]</i> , 25 cm, Dwarf Rush, VI–VII, Z3-10 . . . . .	0,5	9		768,00	96,00	12,00	4,00	
ZA 226 <i>filiformis 'Spiralis'</i> , 20 cm, leaves corkscrew-like twisted, true from seed, Z5-10 . . . . .	0,1	9		4620,00	576,00	72,00	6,00	
ZA 232 <i>inflexus (glaucus) [Blue Arrows]</i> , Blue-green Rush, 50 cm, dense, blue-green clumps, VI–VIII, Z3-10 . . . . .	0,25	1		448,00	56,00	7,00	3,50	
ZA 239 <i>pallidus [Javelin]</i> , Giant-Rush, 180 cm, dense, pale brown clusters, blue-green long stems, VII–VIII, Z7-10 . . . . .	0,25	16	Sol	–	96,00	12,00	4,00	
<b>KOELERIA</b> (Poaceae, <i>Gramineae</i> )								
ZA 245 <i>glauca [Coolio, Blue Sprite]</i> , Blue Hair Grass, 25 cm, narrow blue leaves, V–VII, Z3-8 . . . . .	pure seed	1	15		430,00	54,00	6,80	3,40
ZA 241 <i>macrantha (cristata)</i> , Slender June Grass, 25 cm, blue-green foliage, dense flower spikes, V–VI, Z2-8 . . . . .	pure seed	1	16		360,00	46,00	5,80	2,90
ZA 243 <i>vallesiana 'Mountain Breeze'</i> , , Somerset Hair Grass, 35 cm, greenish yellow, straw-coloured fading spikes, dense foliage clumps, greyish-blue and stiff leaves, drought tolerant, V–VII, Z3-8 . . . . .	pure seed	1	16		–	58,00	8,40	3,20
<b>LETOCARPUS</b> (Restionaceae)								
ZA 247 <i>similis (APODASMIA)</i> , 100 cm, brownish flower heads, olive-green stems with decorative brown leaf bracts, very unusual, VI–VII, Z7-10 . . . . .	1	1		540,00	68,00	8,60	4,30	
<b>LEYMUS arenarius</b> - see <b>ELYMUS</b>								
<b>LUZULA</b> (Juncaceae)								
ZA 250 <i>luzuloides (nemorosa, albida)</i> , 50 cm, for shade, V–VII, Z5-8 . . . . .	1	16		236,00	26,00	3,60	2,00	
ZA 254 <i>nivea [Lucius]</i> , Snow Wood Rush, 35 cm, white, grey-haired leaves, evergreen, VI–VIII, Z4-8 . . . . .	1	9		1780,00	198,00	22,00	4,80	
ZA 252 <i>pedemontana</i> , 50 cm, dense spikes, mat-forming, VI–VII, Z5-8 . . . . .	2	16		236,00	26,00	3,60	2,00	
ZA 258 <i>sylvatica 'Select' [Starmaker]</i> , 30 cm, especially beautiful even-blooming variety, evergreen, V–VI, Z5-8 . . . . .	2	9		880,00	98,00	12,00	3,60	
ZA 256 <i>sylvatica 'Solar Flair'</i> , , 30 cm, straw-coloured, widely arching spikes, narrow lanceolate leaves arranged in dense rosettes, consistent golden foliage during the cool season, clear light green during summer, loose tufts, IV–VI, Z5-8 . . . . .	pure seed	1	9		–	–	22,00	5,50
ZA 257 <i>ulophylla</i> , 15 cm, delicate foliage, V–VII, Z6-9 . . . . .	1	16		–	144,00	18,00	6,00	
<b>MELICA</b> (Poaceae, <i>Gramineae</i> )								
ZA 259 <i>altissima (transsilvanica) var. atropurpurea [Red Spire]</i> , 100 cm, purple-brown, V–VII, Z4-8 . . . . .	pure seed	3	15		188,00	22,00	3,00	2,00
ZA 260 <i>ciliata [Silky]</i> , Silky-Spike-Melica, 40 cm, silver-grey, VI, Z5-8 . . . . .	pure seed	1	15		320,00	40,00	5,20	2,60
ZA 264 <i>uniflora</i> , 50 cm, purple-brown spikes, fresh green, V–VI, Z6-8 . . . . .	5	9		160,00	20,00	2,60	2,00	
<b>MELINIS (RHYNCHELYTRUM)</b> (Poaceae, <i>Gramineae</i> )								
ZA 266 <i>nerviglumis [Pink Crystals®, Savannah]</i> , , Ruby Grass, 40 cm, ruby-rose flowers, dense grey-green clumps, VI–VI, Z7-10 . . . . .	pure seed	2	15		–	–	42,00	6,00
<b>MILIUM</b> (Poaceae, <i>Gramineae</i> )								
ZA 270 <i>effusum 'Aureum' [Flash Lights]</i> , , Golden Millet Grass, 60 cm, entire plant golden-green, effective in shade, V–VII, Z5-8 . . . . .	pure seed	3	16		–	288,00	32,00	6,00
<b>MISCANTHUS</b> (Poaceae, <i>Gramineae</i> )								
ZA 272 <i>oligostachys</i> , Silver-Grass, 120 cm, narrow silvery spikes, dense clumps, bronze-red fall colour, VII–IX, Z4-9 . . . . .	pure seed	5	15	Sol	–	128,00	16,00	5,80
ZA 274 <i>sinensis</i> , 250 cm, Chinese Silver Grass, variable, bio-energy-plant, IX–X, Z4-9 . . . . .	pure seed	2	15	Sol	288,00	36,00	4,60	2,30
ZA 275 <i>sinensis 'Early Hybrids'</i> , up to 220 cm, vigorous early flowering forms, VIII–IX, Z4-9 . . . . .	pure seed	2	15	Sol	360,00	45,00	5,80	3,00
ZA 276 <i>sinensis 'New Hybrids'</i> , from 90 cm to 250 cm, many varieties, IX–X, Z4-9 . . . . .	pure seed	2	15	Sol	360,00	45,00	5,80	3,00
<b>MOLINIA</b> (Poaceae, <i>Gramineae</i> )								
ZA 280 <i>caerulea</i> ssp. <i>arundinacea (altissima)</i> , 175 cm, golden-brown fall color, VI–VIII, Z4-7 . . . . .	p. seed	5	1	Sol	160,00	22,00	3,00	2,00
ZA 284 <i>caerulea</i> ssp. <i>caerulea</i> , 65 cm, bluish-green clumps, VII–X, Z4-7 . . . . .	3	1		240,00	32,00	4,00	2,40	



LUZULA nivea



LUZULA sylvatica 'Select'



LUZULA sylvatica 'Solar Flair'



LUZULA ulophylla

**Production – Breeding – Seed Technology**

			Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
						from 100 g	from 10 g	from 1 g	Portion	
<b>MUHLENBERGIA</b> (Poaceae, Gramineae)										
ZA 283		<b>capillaris</b> , Pink Muhly, Gulf Muhly, 90 cm, glossy green foliage clumps, masses of delicate, purple-pink flower panicles, need a warm summer to flower, IX-XI, Z6-10, . . . . .	<b>pure seed</b>	0,75	15	△ × Sol	2980,00	324,00	36,00	6,20
<b>NEW!</b> ZA 285		<b>dumosa</b> , Bamboo Muhly, 120 cm, delicate narrow foliage on bamboo-like stalks, IV-V, Z7-10, . . . . .	<b>pure seed</b>	0,25	9	□ × Sol	–	–	–	7,60
ZA 287		<b>lindheimeri</b> , Lindheimer's Muhly, 150 cm, semi-evergreen blue-grey basal leaves, at first yellowish, later pale-purple upright culms, need a warm summer to flower, IX-X, Z6-10, <b>p. seed</b>	<b>pure seed</b>	0,5	16	△ Sol	–	296,00	34,00	6,20
ZA 286		<b>reverchonii Undaunted®</b> ,  Ruby Muhly, 50 cm, pinkish red flower veils, grey-green leaf clumps, warm season grass, VIII-X, Z5-10, . . . . .	<b>pure seed</b>	1	16	× △ Sol	–	792,00	82,00	7,60
ZA 291		<b>rigens</b> , Deergrass, 150 cm, semi-evergreen, grey-green basal leaves, narrow whiplike inflorescences, VIII-X, Z6-10, . . . . .	<b>pure seed</b>	0,75	16	△ Sol	–	176,00	22,00	5,50
<b>NARDUS</b> (Poaceae, Gramineae)										
ZA 282		<b>stricta</b> , Mat Grass, 30 cm, small grey-purple spikes, olivegreen, dense, stiff clumps, robust ornamental grass, V-VIII, Z3-7 . . . . .		2	15	★ △	336,00	42,00	6,00	3,00
<b>NASSELLA</b>										
		ichu - see <b>STIPA ichu</b>								
		tenuissima - see <b>STIPA tenuissima</b>								
		trichotoma - see <b>STIPA trichotoma</b>								


**MELICA altissima var. atropurpurea**

**MELICA ciliata**

**MELINIS nerviglumis**

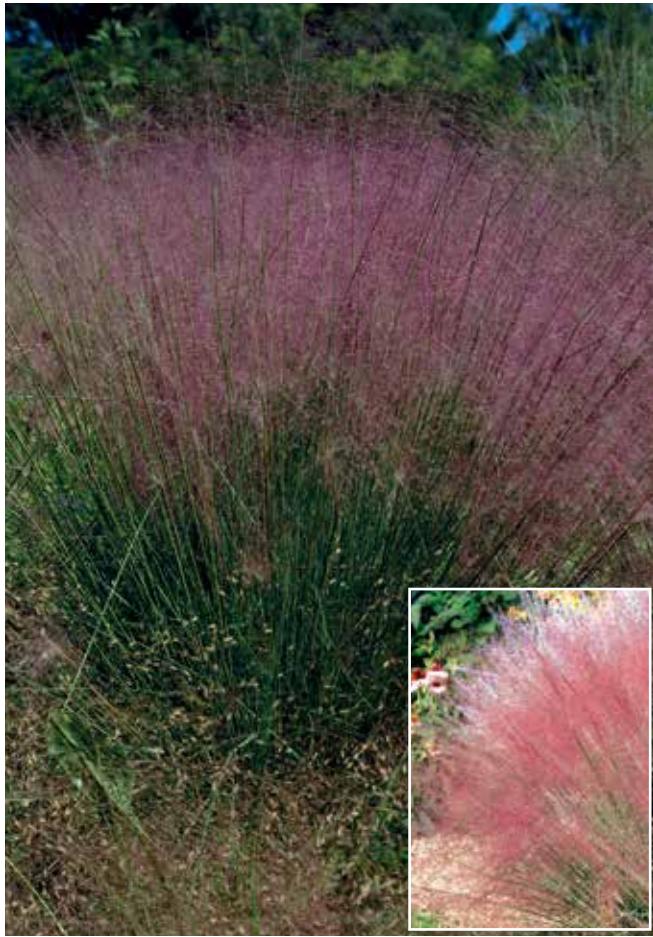
**MILIUM effusum 'Aureum'**

**MISCANTHUS sinensis 'Early Hybrids'**

**MISCANTHUS sinensis 'New Hybrids'**

**MUHLENBERGIA dumosa**

**NARDUS stricta**



MUHLENBERGIA capillaris



MUHLENBERGIA reverchonii Undaunted®



PANICUM amarum



PANICUM clandestinum



PANICUM virgatum 'Blue Giants'

		Gram to get 1000 plants	N° of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>PANICUM (Poaceae, Gramineae)</b>								
ZA 295 ☼ <b>amarum</b> , Coastal Switchgrass, 140 cm, greenish-yellow spikes, wide blue-grey foliage, bio-energy-plant, VIII-X, Z5-9, . . . . .		pure seed	5	9	Sol ⓘ	140,00	20,00	2,80
ZA 294 ☼ <b>clandestinum (DICHTHELIUM)</b> , Deer-Tongue-Grass, 60 cm, light green wide leaves, mindful of bamboo, golden fall color, spreading runners, Z3-9, . . . . .		pure seed	5	8	✗ ↗	72,00	12,00	2,00
ZA 290 <b>virgatum</b> , Switch Grass, 160 cm, light green, brownish heads, bio-energy-plant, VII-IX, Z4-10, . . . . .		pure seed	5	8	✗ ⓘ	128,00	16,00	2,20
NEW! ZA 296 ☼ <b>virgatum 'Blue Giants'</b> , ☺, 180 cm, greenish blue spikes, broad blue-grey foliage, variable, impressive foliage clumps, VIII-X, Z5-9, . . . . .		pure seed	5	9	♣ ✗ Sol	240,00	32,00	4,60
ZA 293 ☼ <b>virgatum 'Emerald Chief'</b> , ☺, 140 cm, pinkish-red flower panicles, emerald-green, narrow foliage, graceful and especially sturdy habit, long-lived, tolerating a wide range of soils, VII-IX, Z4-10, . . . . .		pure seed	5	8	Sol ✗ ⓘ	512,00	64,00	8,00
<b>PENNISETUM (Poaceae, Gramineae)</b>								
ZA 300 ☼ <b>alopacioides (compressum)</b> , 80 cm, cylindrical heads, VIII-XII, Z5-9, . . . . .		pure seed	8	15	✗	384,00	48,00	6,00
ZA 302 ☼ <b>alopacioides var. viridescens</b> , 50 cm, broader leaves, darker heads, X-XII, Z5-9, . . . . .		pure seed	10	15	✗	320,00	40,00	5,00

continued on the following page


*PANICUM virgatum 'Emerald Chief'*

*PENNISETUM alopecuroides*

*PENNISETUM thunbergii*

*PENNISETUM alopec. var. viridescens*

*PENNISETUM orientale*

*PENNISETUM thunbergii*

		Gram to get 1000 plants	N° of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>PENNISETUM continuation</b>								
ZA 313	<b>glaucum</b> , Purple-leaved Pear Millet, F <sub>1</sub> -Hybrids, 100-150 cm, attractive, cylindrical flower spikes, bronze-purple with yellow pollen, bronze-purple colored foliage, very attractive ornamental foliage grass, annual. Young-plants are green and require sufficient warmth, purple pigmentation occurs when plants are exposed to full sun, VII-IX, Z8-11							
ZA 314	'Jester', 120 cm, wide foliage, branched stems, slightly later flowering	15	15	CAN X Ⓢ	–	310,00	34,00	9,80
ZA 315	'Purple Baron', 100 cm, shorter and wider foliage, compact, darkest foliage coloring 'Purple Majesty', (AAS), 150 cm, straight upright, long flowering stems							
ZA 305	<b>macrorurum</b> [ <i>Tail Feathers, White Lancer</i> ], Fountain Grass, 140 cm, straw-coloured, long flower spikes, dense clumps, VII-X, Z6-10, . . . . .	pure seed	3	15	X ↗	–	48,00	5,00
ZA 306	<b>orientale</b> , (AGM), 35 cm, decorative, curved flower heads, VI-IX, Z6-10, . . . . .	pure seed	2	15	X Ⓢ	–	324,00	36,00
ZA 303	<b>thunbergii</b> [ <i>Red Buttons</i> ], Red Bunny Tails, 90 cm, bright reddish spikes with white tips, fading to straw-coloured, dense clumps, V-IX, Z6-10, . . . . .	pure seed	3	9	X △ Ⓢ	–	324,00	36,00
ZA 312	<b>villosum</b> ( <i>longistylum</i> ) [ <i>White Ladies, Cream Falls</i> ], (AGM), 50 cm, brilliant white spikes, rich flowering, can be grown as annual, VII-X, Z7-10, . . . . .	pure seed	5	15	X Ⓢ	–	180,00	22,00
<b>PHAEONOSPERMA</b> (Poaceae)								
ZA 324	<b>globosa</b> , Waterfall Millet, 50 cm, wide dark green foliage, evergreen, to 150 cm tall arching flower panicles, attractive solitary grass, VIII-X, Z6-10 . . . . .		20	16	Sol X	400,00	58,00	8,40
<b>PHALARIS</b> (Poaceae, <i>Gramineae</i> )								
ZA 307	<b>arundinacea</b> , Ribbon Grass, 200 cm, VI-VIII, Z3-8, . . . . .	pure seed	5	15	WWW N X	24,00	6,00	2,00
<b>PHRAGMITES</b> (Poaceae, <i>Gramineae</i> )								
ZA 310	<b>australis (communis)</b> , Common Reed, 300 cm, VIII, Z4-9, . . . . .	pure seed	2	17	WWW N \$	380,00	48,00	6,20
<b>POA</b> (Poaceae, <i>Gramineae</i> )								
ZA 318	<b>alpina</b> , 10 cm, grey-green dwarf grass, VI-VII, Z3-7, . . . . .	pure seed	1	15	△	160,00	20,00	2,60
ZA 320	<b>chaixii</b> , 25 cm, reed-like leaves, VI-VII, Z4-7 . . . . .	pure seed	5	15	△	256,00	32,00	4,00
ZA 321	<b>cita</b> , Silver Tuft, 70 cm, densely light green foliage clumps, silvery flower heads, for dry locations, VII-IX, Z7-10, . . . . .	pure seed	1	15	△ Sol	1150,00	144,00	16,00
ZA 326	<b>glauca</b> 'Blue Hills', (AAS), Glaucous Meadow Grass, 25 cm, loose arching spikes, dense foliage clumps with narrow blue-green leaves, very delicate ornamental grass, first year flowering, VI-IX, Z3-7, . . . . .	pure seed	1	16	△ CAN Ⓢ	400,00	58,00	8,40
<b>RHYNCHELYTRUM</b> - see <b>MELINIS</b>								
<b>SACCHARUM</b> - see <b>ERIANTHUS</b>								

**Production – Breeding – Seed Technology**

				Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
							from 100 g	from 10 g	from 1 g	Portion
<b>SCHIZACHYRIUM - see ANDROPOGON</b>										
<b>SCIRPUS</b> (Cyperaceae)										
ZA 332	<b>holoschoenus</b> ( <b>SCIRPOIDES</b> ), Head Rush, 100 cm, VI-VII, Z6-9 . . . . .	1	9	❀ Ca	72,00	12,00	2,00	2,00		
ZA 334	<b>lacustris</b> ( <b>SCHOENOPLECTUS</b> ), Bull Rush, 200 cm, VI-VIII, Z3-8 . . . . .	5	9	❀ N Ca	48,00	8,00	2,00	2,00		
	<b>maritimus</b> - see <b>BOLBOSCHOENUS maritimus</b>									
ZA 338	<b>mucronatus</b> ( <b>SCHOENOPLECTIELLA</b> ), 80 cm, black-brown, VI-VIII, Z6-9 . . . . .	5	9	❀ Ca	112,00	14,00	2,00	2,00		
ZA 342	<b>sylvaticus</b> , Forest Rush, 70 cm, V-VII, Z5-8 . . . . .	2	9	❀ Ca	72,00	12,00	2,00	2,00		
ZA 344	<b>tabernaemontani</b> ( <b>SCHOENOPLECTUS</b> ), 120 cm, grey-green culms, VI-VII, Z3-8 . . . . .	5	9	❀ Ca	48,00	8,00	2,00	2,00		
<b>SESLERIA</b> (Poaceae, Gramineae)										
ZA 345	<b>albicans</b> ( <b>varia</b> ), Blue Moor Grass, 25 cm, blue-violet flower spikes, green clumps, III-V, Z3-7 . . . . .	3	9	△	-	-	7,80	3,60		
ZA 347	<b>argentea</b> ( <b>autumnalis</b> ssp. <b>argentea</b> ), Silver Moor Grass, 50 cm, dense white spikes, rich and abundant flowering, dense clumps, very durable, VI-X, Z4-9 . . . . .	3	9	△ ✕	-	-	12,00	5,80		
ZA 348	<b>caerulea</b> , Blue Moor Grass, 25 cm, green and bluish leaves, dense clumps, bluish spikes, early flowering III-V, Z3-7 . . . . .	3	9	△	520,00	64,00	7,80	3,60		
	<b>glauca</b> - see <b>nitida</b>									
ZA 350	<b>heuferiana</b> , Green Moor Grass, 40 cm, black flower heads in early spring, silvery-green clumps, IV-V, Z4-8 . . . . .	5	9	△	520,00	64,00	7,80	3,60		
ZA 351	<b>nitida</b> ( <b>glauca</b> ), 60 cm, blue-grey clumps, VI-VIII, Z4-8 . . . . .	5	9	Maple	-	-	12,00	5,80		
ZA 352	<b>sadleriana</b> , 40 cm, rigid leaves, lime-lover, for dry locations, III-V, Z5-9 . . . . .	5	9	△	520,00	64,00	7,80	3,60		
<b>SETARIA</b> (Poaceae)										
ZA 356	<b>palmifolia</b> , Palm Grass, 160 cm, palm-like, broad dark green foliage, loose spikes, evergreen, for mild locations, VIII-X, Z8-10 . . . . .	2	9	✖ Sol Maple	-	128,00	16,00	6,00		
<b>SINARUNDINARIA murielae</b> - see <b>FARGESIA murielae</b>										
<b>SORGHASTRUM</b> (Poaceae, Gramineae)										
ZA 360	<b>nutans</b> ( <b>CHRYSTOPOGON nutans</b> ), 150 cm, Indian Grass, VI-VIII, Z4-9, . . . . .	pure seed	10	9	✖	120,00	16,00	2,40	2,40	
ZA 362	<b>nutans</b> 'Indian Steel', <b>JEL</b> , 120 cm blue-green foliage, strong upright culms, VI-VIII, Z4-9, . . . . .	pure seed	10	9	✖ Maple	448,00	56,00	8,00	6,00	
<b>SPARGANIUM</b> (Sparganiaceae)										
ZA 370	<b>erectum</b> , Bur-reed, 50 cm, round blossoms, decorative round prickly fruits until winter, VI-VII, Z5-8 . . . . .	80	18	✖ ❀	112,00	14,00	2,00	2,00		
<b>SPODIOPOGON</b> (Poaceae, Gramineae)										
ZA 380	<b>sibiricus</b> , Graybeard Grass, 150 cm, very decorative, VII-X, Z4-9, . . . . .	pure seed	3	15	Sol ✕	980,00	128,00	16,00	6,00	


**PENNISETUM villosum**

**PHAENOSTPERMA globosa**

**POA alpina**

**POA cito**

**POA glauca 'Blue Hills'**

**SESLERIA caerulea**

**SESLERIA nitida**

**SESLERIA sadleriana**

## Production – Breeding – Seed Technology

			Gram to get 1000 plants	Nº of the sowing directions	Special Hints	Prices in EURO net per:				
						from 100 g	from 10 g	from 1 g	Portion	
<b>SPOROBOLUS (Poaceae, Gramineae)</b>										
ZA 386	airoides	Alkali Dropseed, 140 cm, pink-silvery dense spikes, rich flowering clumps, grey-green foliage, golden fall color, VI-IX, Z5-9, . . . . .	<b>pure seed</b>	1	9	Sol ✕	240,00	30,00	3,80	2,00
ZA 388	heterolepis	Prairie Dropseed, 60 cm, silvery flower panicles, fine textured foliage clumps with reddish fall-colour, narrow-leaved, VII-IX, Z4-9, . . . . .	<b>pure seed</b>	10	9	✗	280,00	36,00	4,50	2,60
ZA 384	wrightii	[PS] Giant Sacator Dropseed, 180 cm, graceful spikes, attractive durable solitary grass, VII-X, Z4-9, . . . . .	<b>pure seed</b>	1	9/20	Sol	–	384,00	48,00	8,00
<b>STIPA (Poaceae, Gramineae)</b>										
arundinacea hort. - see <b>ANEMANTHELE lessoniana</b>										
ZA 390	barbata	[Fedterspiel, Silberfeder], Silver Feather Grass, 45 cm, silvery-white feather culms, VII-VIII, Z6-9 . . . . .	80	1	✗	320,00	48,00	6,00	9,80	
calamagrostis - see <b>ACHNATHERUM calamagrostis</b>										
ZA 394	capillata	[Brautschleier, Lace Veil, Bridal Veil], 80 cm, with upright silky panicles, VII, Z6-8. . . . .	10	16	✗	298,00	38,00	5,00	3,80	
ZA 398	extremiorientalis	(ACHNATHERUM pekinense), 120 cm, drooping loose blossom panicles, VII-VIII, Z5-8 . . . . .	10	16	✗	256,00	32,00	4,00	3,00	
ZA 400	gigantea	[AGM], Giant Feather Grass, 180 cm, VI-VIII, Z6-10. . . . .	30	9	✗ Sol	648,00	72,00	9,00	9,00	
ZA 399	ichu	[AGM], Peruvian Feather Grass, 100 cm, white-silver spikes, gracile foliage clumps, VIII-X, Z7-10, . . . . .	<b>pure seed</b>	0,25	16	✗ Sol ⚡	–	820,00	96,00	7,80



SETARIA palmifolia



SORGASTRUM nutans



SPIDIOPOGON sibiricus



SPARGANIUM erectum



SORGASTRUM nutans 'Indian Steel'



SPOROBOLUS airoides



SPOROBOLUS heterolepis



SPOROBOLUS wrightii



STIPA barbata

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:			
					from 100 g	from 10 g	from 1 g	Portion
<b>STIPA continuation</b>								
ZA 403	<i>joannis</i> , Grey-Sheathed Feather Grass, 50 cm, long silver-grey panicles, V-VII, Z6-9 . . . . .	40	9	△ ×	380,00	54,00	7,80	7,80
ZA 402	<i>pennata</i> , European Feather Grass, 35 cm, very elegant silver-grey flower heads, V-VI, Z6-9 . . . . .	45	9	×	480,00	58,00	7,40	7,40
ZA 404	<i>pulcherrima</i> [ <i>Windfeder</i> ], 120 cm, long silver feather spikes, VI-VII, Z6-9 . . . . .	50	1	×△	380,00	54,00	7,80	7,80
ZA 407	<i>tenuissima</i> ( <i>tenuifolia</i> ) (NASSELLA) [ <i>Pony Tails, Angel Hair</i> ],  Mexican Feather Grass, 40 cm, slender arching leaves, feathery spikes, VII-VIII, Z6-10, . . . . .	2	16	⊗△⊗	580,00	84,00	12,00	4,00
ZA 405	<i>tirsa</i> ( <i>longifolia</i> ), Horsetail Feather Grass, 60 cm, silver-grey flower heads, VI-VII, Z5-8 . . . . .	40	1	×	240,00	30,00	3,80	3,80
ZA 406	<i>trichotoma</i> 'Palomino' (NASSELLA),  Chilean Needle Grass, 30 cm, needle-like filigree foliage, dense arching mounds, feathery white spikes, well suited for annual plantings, can be rampant and may need controlling, no deliveries to Australia, New Zealand or USA possible, VIII-IX, Z8-10, . . . . .	3	16	⊗⊗	386,00	48,00	6,20	3,10
ZA 408	<i>ucrainica</i> , 60 cm, loose flower panicles, early flowering, VI-VII, Z5-8 . . . . .	45	9	×	320,00	42,00	5,60	5,60
THAMNOCLAMUS spathaceus - see FARGESIA murielae								



STIPA capillata



STIPA ichu



STIPA extremiorientalis



STIPA pennata



STIPA gigantea



STIPA tenuissima



STIPA tirsa



STIPA pulcherrima 'Palomino'



STIPA pulcherrima

**Production – Breeding – Seed Technology**

		Gram to get 1000 plants	Nº. of the sowing directions	Special Hints	Prices in EURO net per:				
					from 100 g	from 10 g	from 1 g	Portion	
<b>THAMNOCHORTUS</b> (Restionaceae)									
ZA 411	<b>cinereus</b> , Silver-Reed, 100 cm, golden-brown spikes, silver-grey foliage clumps, VII-VIII, Z7-10	5	8		–	288,00	36,00	9,00	
ZA 413	<b>spicigerus</b> , Thatching-Reed, 200 cm, giant, wide horsetail-like stems, brown flower heads, VIII-X, Z7-10, .....	pure seed	3	1	Sol	–	288,00	36,00	9,00
<b>THEMEDA</b> (Poaceae, Gramineae)									
ZA 410	<b>triandra</b> var. <b>japonica</b> , 120 cm, red fall color, IX-X, Z6-10 .....	20	15	Sol	–	–	12,00	4,80	
<b>TYPHA</b> (Typhaceae)									
ZA 420	<b>angustifolia</b> , 200 cm, Slender Reed Mace, VII-VIII, Z3-10, .....	pure seed	0,5	18		480,00	68,00	9,80	2,60
ZA 424	<b>latifolia</b> , 250 cm, Common Reed Mace, VII-VIII, Z3-10, .....	pure seed	0,5	18		420,00	60,00	8,60	2,40
<b>UNCINIA</b> (Cyperaceae)									
ZA 427	<b>egmontiana</b> , 40 cm, orange-red clumps, very striking, V-VI, Z7-10 .....	3	8		–	–	52,00	7,80	
ZA 428	<b>rubra</b> ( <b>uncinata</b> ) [ <b>Firedance</b> ], 30 cm, red-bronze coloured clumps, very attractive, V-VI, Z6-10 .....	3	16		–	380,00	44,00	7,20	
<b>UNIOLA</b> - see <b>CHASMANTHIUM</b>									


**STIPA ucrainica**

**THAMNOCHORTUS spicigerus**

**THEMEDA triandra var. japonica**

**TYPHA latifolia**

**TYPHA angustifolia**

**UNCINIA rubra**

**1.** Kaltkeimer werden auch heute noch, nicht ganz zutreffend, Frostkeimer genannt.

Die Aussaat muß während der ersten 2–4 Wochen **warm** (ca. +18 bis +22°C) und gut feucht gehalten werden. Danach ist sie für etwa 4–6 Wochen einer kalten Temperatur zwischen –4 und +4°C auszusetzen. Lediglich bei den meisten Ranunkelgewächsen sind Temperaturen um –5°C von Vorteil.

Sollten die hier genannten Temperaturen während der Kühlperiode über- oder unterschritten werden, schadet dies nicht, jedoch muß die Kühlperiode dann entsprechend verlängert werden, da der Aufbauprozess der keimauslösenden, hormonartigen Säure während dieser Zeit sich verlangsamt hatte oder still stand.

Kann man die Aussaaten in der Kühlperiode mit Schnee bedecken, ist das von Vorteil. Die Temperatur darunter hält sich meistens in dem günstigen Bereich von –4 bis 0°C, es bleibt feucht, und der schmelzende Schnee „frisst“ an der Samenschale, macht diese poröser, was beim Ausschieben des Keimes von Vorteil ist. Nach dieser Kühlperiode dürfen keinesfalls sofort hohe Temperaturen angewandt werden, vielmehr liegt dann der günstigste Temperaturbereich zwischen +5 und +12°C, auch dann, wenn bereits eine Keimung zu beobachten ist! Also ist der richtige Platz für diese Aussaaten, auch im März/April/Mai noch, das Freiland, der kalte Kasten oder ein Kalthaus.

**2.** Die Mehrzahl der Ranunkel-Gewächse benötigt tiefere Temperaturen in der Kühlperiode, ca. –5°C, sonst wie in 1.) beschrieben verfahren. Der Grund liegt wahrscheinlich darin, daß der Gefrierpunkt dieser Samen bei ca. –7°C liegt, bei den meisten anderen Samen aber bei –5°C.

**3.** Diese Arten bringen meist ein ausgezeichnetes Keimergebnis, wenn sie bald nach der Ernte ausgesät werden, obwohl bei vielen dieser Arten die Keimung selbst dann erst im Frühjahr, nach Wintereinwirkung, erfolgt. Deshalb diese Samen rechtzeitig bestellen.

**4.** Hier handelt es sich um sehr feine Samen, die man für eine gleichmäßige Aussaat eventuell mit Talcum oder feinstem Sand mischen sollte. Nicht mit Erde übersieben, nur andrücken. Bewässerung von unten oder mit feinem Zerstäuber, damit die Samen nicht weggeschwemmt werden.

**5.** Nicht immer führt das unter 1.) beschriebene Verfahren zu einem vollen Erfolg. Manche Arten benötigen nach der Kühlperiode noch zusätzlich eine längere Zeit bis zur Keimung. Saatgefäß daher nicht zu früh wegwerfen. Manche Samen liegen dann noch ein ganzes Jahr.

**6.** Diese Samen liegen sehr lange bis zur Keimung, 1 Jahr und mehr. Aus Platzgründen, und auch um das Austrocknen zu verhindern, wird dieser Samen „stratifiziert“. Das bedeutet: Einschichten der Samen in feuchten Sand. Abwechselnd eine Schicht gut feuchten Sand, eine dünne Schicht Samen usw. Die Stratifizierkisten setzt man an schattiger Stelle den Witterungseinflüssen (besonders dem Winterwetter) aus und schützt durch feines Drahtgeflecht vor Mäusen und Vögeln. Für größere Saatgutmengen haben sich in Anzuchtausbau Schulen betonierte Stratifizierkästen bewährt. Im Frühjahr sollte öfters kontrolliert werden, ob die Keimung bereits beginnt. Dann sofort mit dem Sand, der ständig feucht gehalten wurde, auf das vorbereitete Saatbeet ausbringen.

**7.** Dieser Samen sollte so dick abgedeckt werden, wie der Durchmesser des Samenkorns ist. Bei Tagessemperaturen um +20°C stets für gleichmäßige Feuchtigkeit sorgen, für Cyclamen ist +18°C jedoch besser. Nach erfolgter Keimung hell und mäßig warm aufstellen.

**8.** Es handelt sich hier um Staudensamen, der sehr ungleichmäßig keimt auf eine lange Keimperiode verteilt. Hier sind auch besonders Einwirkungen von niederen Temperaturen unter +5°C sehr von Vorteil. Saatgefäß nicht zu früh vernichten. Besonders auf gleichmäßige Feuchtigkeit achten und keiner direkten Sonnenbestrahlung aussetzen. Für Alstroemeria empfehlen wir, die Aussaat 21 Tage bei ca. +30°C aufzustellen. Danach 21 Tage bei +5°C, anschließend ca. +21°C.

**9.** Keimt je nach Art und Herkunft schnell. Wenn jedoch nach 3–4 Wochen die Keimung nicht erfolgt, muß diese Herkunft einer Kühlperiode von 2–4 Wochen ausgesetzt werden. Für die im Himalaya beheimateten Meconopsis ist die Kühlperiode unerlässlich. Sie müssen auch nach erfolgter Keimung noch einige Wochen kühl, unter ca. +12°C, gehalten werden.

**10.** Diesen größeren, hartschaligen Samen hilft eine leichte, mechanische Beschädigung der Samenschale zum schnelleren Aufquellen. Eine Methode ist es, die Samen zwischen trockenem, scharfen Sand zureiben oder mit Schmirgelpapier. Man kann ihn auch einige Stunden in „Weichmacher“ (Polyäthylenglycol 6000), wie er bei der Plastikherstellung verwendet wird, einweichen.

**11.** Opuntien keimen im 2. Jahr nach der Ernte besser und gleichmäßiger. Frischer Samen liegt daher oft ein Jahr in der Erde bis zur Keimung.

**12.** Keine Kühlperiode erforderlich; trotzdem liegt dieser Samen meist mehrere Monate bis zur völligen Keimung.

**13.** Diese großen Samen 2–3 Tage in Wasser vorquellen, mit „Weichmacher“ aber höchstens 1 Tag. Danach an der Seite des Keimkegels vom Samen eine hauchdünne Scheibe abschneiden oder abziehen, so daß der Keimling fast frei liegt. Samen mit Schnittstelle nach oben auf feuchtes Aussatsubstrat (z.B. Vermiculite) aufsetzen. Glashaube oder Glasscheibe dicht abschließend in reichlichem Abstand vom Samen darüber setzen. Die entstehende Luftspannung bei Temperaturen von ca. +22°C fördert die Keimung.

**14.** Eine Wärmeperiode nach der Aussaat von ca. +25 bis +30°C über etwa 4–5 Wochen, wobei feucht gehalten wird, hebt die Keimhemmung auf. Es zerfällt der im Samen vorhandene, keimhemmende Stoff. Danach die Aussaat sehr kühl stellen, +2°C! Die bei dieser kühlen Temperatur beginnende Keimung zieht sich über ca. 80 Tage hin. Während dieser Zeit dunkel halten (Kühlraum). Danach Temperatur langsam erhöhen und Licht geben.

**15.** Schnell keimende Saat. Gleichmäßige Feuchtigkeit (nicht naß!) und Temperatur um etwa +20°C. Die Samen nur sehr dünn, ganz feine Saat gar nicht abdecken, aber andrücken. Nach erfolgter Keimung kühler stellen.

**16.** Wie 15.), jedoch erfolgt hier die Keimung nicht so schnell und auch nicht immer so sehr gleichmäßig, aber doch meist problemlos.

**17.** Wasserpflanzen in wasserdichten Plastikschalen o. ä. in einer nahrhaften Schlammerde aussäen. Das Wasser darf bis zu 1 cm über der Aussaaterde stehen. Bei guter Wärme (ca. +22°C) aufstellen.

**18.** Aussaattechnik wie 17.). Die Saatschalen aber nur ca. 2–4 Wochen warm stehen lassen, danach ca. 4–6 Wochen kalt stellen um 0°C herum. Das Wasser darf ruhig gefrieren. Anschließend die Temperatur nur sehr langsam ansteigen lassen.

**19.** Diese Aussaat benötigt zur Aufhebung der Keimruhe (Zersetzung des keimhemmenden Stoffes) mindestens 6 Wochen gute Bodenwärme, ca. +22°C und gleichmäßige Feuchtigkeit. Anschließend 6–8 Wochen kalt stellen, ca. –4 bis +4°C. Meist beginnt die Keimung schon bei +4°C. Die Wärme nur sehr langsam anheben, nicht über +10°C, bis die Keimung abgeschlossen ist. Wenn die warme oder die kalte Periode nicht ausgereicht haben, dann keimen diese Samen erst im darauffolgenden Jahr. Sie benötigen dann noch mal eine warme Periode (Sommer) und eine kalte Periode (Winter). Bekanntes Beispiel: Cimicifuga, Helleborus.

**20.** Diese Aussaaten sind sehr wärmebedürftig, +22°C oder auch höher, um ein gutes Keimergebnis zu erzielen. Mäßige, aber gleichmäßige Feuchtigkeit ist sehr wichtig. Gunnera allerdings möchte es besonders feucht (nicht naß) und besonders warm, ca. +24 bis +30°C.

**Allgemeines:**

Stellen Sie niemals Aussaaten in eine Gefriertruhe, Gefrierschrank oder Gefrierraum mit Temperaturen unter –5°C!! Die Ausdehnung des gefrierenden Wassers in den Samenzellen geht in solchem Fall zu plötzlich vor sich. Ein Druckausgleich durch die Zellmembranen hindurch kann so schnell nicht erfolgen. Die Zellwände werden zerrissen und der Samen ist tot. In der Natur kommen solche sekundenschmalen Temperaturstürze in den Minusbereich nicht vor. Auf einen normalen, langsamen Druckanstieg sind die Zellmembranen jedoch eingerichtet und sorgen mit ihrer Durchlässigkeit für einen osmotischen Druckausgleich.

Bei etlichen Kaltkeimern kommt es immer wieder vor, daß ein Teil der Samen schon während der Warmperiode keimt. Diese Sämlinge sollte man unbedingt heraus pikieren bevor die Aussaat kalt gestellt wird. Diese Erscheinung hat mehrere Ursachen. Unter anderem dient sie in der Natur mit zur Arterhaltung in Regionen, wo eine Winterwitterung nicht in jedem Falle gewährleistet ist. Setzt jedoch eine entsprechende Winterwitterung ein, überleben diese vorzeitig erschienenen Sämlinge nicht. Die Art wird dann durch die nach Kälteeinwirkung keimenden Samen erhalten.

Für eine künstliche Kühlperiode bietet sich daher der Kühlschrank oder Kühlraum mit Temperaturen um 0°C an. Weil Aussatkisten im Kühlschrank meist nicht unterzubringen wären, kann man so verfahren, daß man die Samen, mit etwas feuchtem Sand vermischt, in Plastikbeutel füllt und nach der erforderlichen Wärmeperiode so im Kühlschrank unterbringt. Es ist aber darauf zu achten, daß der Sand in den Beuteln feucht bleibt. Nach Ablauf der erforderlichen Kühlperiode wird dann der Samen mit dem Sand in das Aussaatgefäß ausgebracht und bei der dann erforderlichen Temperatur aufgestellt.

**Nachdruck dieser Aussaatanleitungen, auch auszugsweise, ist nicht gestattet. Die Anleitungen sind nur für die Aussaat der von uns bezogenen Samen gedacht; eine anderweitige Verwendung, z.B. für Unterrichtszwecke, darf nur mit unserem Einverständnis erfolgen.**

1. Cold-germinators are still referred to as frost-germinators, although this isn't quite correct. The sowing must be kept **warm** (about +18 to +22°C) [about 64 to 72°F] and moist for the first 2–4 weeks. After this period the sowing must be kept at a cold temperature (between –4 and +4°C) [between 25 and 39°F] for another 4–6 weeks. Colder temperatures of –5°C [23°F] are only advantageous for most species of the Ranunculus family. It is not so important if the temperature is higher or lower during the cooling period, but the cooling period has to be prolonged because the synthesis of the germination inducer, hormon-like acid, slows down or comes to a standstill.

It is beneficial to cover the sowing with snow during the cooling-period. The temperature below it usually keeps in the optimum range of –4 to 0°C [25 to 32°F]. The sowing is kept moist, and the melting snow helps to destroy the shell, which is advantageous for the germinating seedling. After this cooling-period the sowing may not be immediately exposed to high temperatures. The most effective temperatures are between +5 to +12°C [41 to 54°F], even if germination has started. The best location for this sowing, even in March, April and May, is the open field, the cold frame or a cold greenhouse.

2. Most species of the Ranunculus-family need lower temperatures during the cooling-period – about –5°C [23°F]. In other respects follow the directions in 1. above. The reason is probably the freezing point of these seeds, which is at –7°C [19°F], while most other seeds freeze at –5°C [23°F].
3. These species usually show excellent results if sown soon after the harvest, although most of them only germinate in spring after the effect of winter. For best results please order seeds in time.
4. These are very tiny seeds which should be mixed with finest sand or talcum for an even sowing. Do not cover with compost, only press them in gently. Irrigate from the bottom or with a hand-sprayer, so that the seeds will not be washed away.
5. The directions of 1. do not always show the best results. After the cooling-period some species need a longer time until germination starts. As some seeds do not germinate until the next year, it is important not to throw away the seed boxes too early.
6. These seeds germinate extremely late, sometimes it takes one year or longer before germination starts. To best utilize space and avoid drying out, this seed must be "stratified" (placed in layers of wet sand – alternately a thin layer of seeds and a layer of well-moistened sand, etc.). The stratification boxes have to be kept in the shade to benefit from weather effects – especially winter. A fine wire mesh will protect them from mice and birds. Nurseries have found that concrete boxes are useful for large amounts of seed. In spring frequently check to see if germination has begun. When germination has started, the seeds must be sown immediately in the prepared bed with the moist sand.
7. These seeds must be covered with a layer seed kernel diameter. Keep daytime temperatures at approximately +20°C [68°F], and keep the moisture constant, for Cyclamen, however, +18°C [64°F] is recommended. The seeds must be kept in the light and moderately warm after germination.
8. These perennial seeds germinate very irregularly over a long period. Lower temperatures of less than +5°C [41°F] are very effective. Seed trays should not be discarded prematurely. Constant moisture must be maintained. Do not leave in direct sunlight. For Alstroemeria we recommend to keep sowing for 3 weeks at approximately +30°C [86°F], then 3 weeks at +5°C [41°F], then at +21°C [70°F].
9. These seeds germinate rapidly depending on species and origin. If germination does not occur after 3–4 weeks a cooling period of 2–4 weeks is recommended.
10. For these bigger hard-shelled seeds, mechanical damaging of the shell is helpful for quicker swelling. One method is to grind the seed in dry sharp sand. They can also be treated for several hours in a "softener" (Polyethylenglycol 6000), which is used for the production of plastic material.
11. Opuntias germinate more effectively the second year after harvest. Fresh seed often lies in the ground for about a year before germination.
12. No cooling-period is necessary, but these seeds usually need several months until complete germination.
13. Allow these large seeds to swell up in water for 2–3 days. If a "softener" is used only soak for a maximum of one day. After that cut off a thin slice of the seed close to the germcone so that the embryo is almost bare. Place seed with the cut facing up in a moist seed compost e. g. Vermiculite. This must be covered tightly with glass, a good interval from the seeds. The rising air pressure, at temperatures of about +22°C [72°F], accelerates the germination.
14. A warm period of +25 to +30°C [77 to 86°F] and moist conditions after sowing for about 4–5 weeks neutralizes the germination inhibition. The phytohormones which inhibit germination will then break down. At this point the sowing needs very cool conditions, approximately +2°C [36°F]. Initial germination lasts for about 80 days under these conditions. During this period keep in dark cold storage chamber. Then temperature and lighting must be increased gradually.
15. Rapidly germinating, keep seed in constant moisture (not wet) with temperatures of about +20°C [68°F]. Seeds must be covered thinly. Do not cover very small seeds, but tightly press into the earth. Keep in cooler conditions after germination occurs.
16. See 15 with the exception of germination being slower and more irregular. This poses no problems.
17. Waterplants must be sown in waterproof plastic trays or similar containers containing a nutritious muddy compost. Fill water up to 1 cm over the top of the compost. Keep the trays at warm temperatures of approximately +22°C [72°F].
18. See 17. Allow the seed trays to be left for only 2–4 weeks at warm temperatures, then keep at 0°C [32°F] for another 4–6 weeks. It does not matter if the water freezes. After this treatment allow temperature to rise gradually.
19. To stop the germination inhibition give seeds a warm compost (about +22°C) [about 72°F] with constant humidity for at least 6 weeks. Then keep cold (–4 to +4°C) [25 to 39°F] for 6–8 weeks. Usually, the germination starts at +4°C [39°F]. Raise temperatures gradually up to +10°C [50°F] until germination is completed. If the warm or cold period was not long enough the seeds will not germinate until the following year. They will then need another warm period (summer) and a cold period (winter). Well-known examples: Cimicifuga and Helleborus.
20. To obtain best germination results, seeds need temperatures of +22°C [72°F] or more. Moderate, but constant humidity is very important. Gunnera, however, prefers very moist (not wet) and warm (+24 to +30°C) [75 to 86°F] conditions.

#### **General remarks:**

Never put the sowing into a freezer with temperatures below –5°C [23°F]! The expansion of the freezing water in the seed cells is too rapid. The cell membrane can not tolerate the pressure compensation. The cell wall would be destroyed and the seed would die. Rapid drops in temperature below the freezing point do not occur naturally. A normal, slow rise in pressure can be tolerated by the cell membrane, its permeability taking care of an osmotic equalization of pressure.

It is possible to use a refrigerator with a temperature of about 0°C [32°F] to create an artificial cooling period. Since it is usually not possible to put the seed trays into a refrigerator, you can mix the seed with moist sand. It should be put into a plastic bag and placed into the refrigerator after the required warm period. The sand must be kept constantly moist. After the required cooling period sow the sand with the seed into seed trays and leave at required temperatures.

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1. Kallgroende arter benämns ännu – om än inte helt korrekt – "frostgroende". Sådden skall under de första 2–4 veckorna hållas relativt **varmt** (ca. +18 till +22°C) och väl fuktigt. Därefter skall temperaturen sänkas till mellan –4°C och +4°C under 4–6 veckor. Endast för de flesta ranunkelväxter (Ranunculaceae) är en temperatur på minus 5°C en fördel.

Skulle de här nämnda temperaturgränserna under kylperioden över-eller underskridas skadar detta i och för sig inte. Dock måste kylperioden i sådåna fall förlängas emedan utvecklingen av de groningsbefrämjande, hormonartade syrorna försenas eller avstannar.

Kan man täcka sådden med snö under kylperioden är detta en fördel. Under snön bibehålls temperaturen på en gynnsam nivå omkring –4°C till 0°C. Fuktigheten bevaras och småltvattnet medverkar till att göra fröskalet poröst vilket underlättar groddens framspyrning.

Efter kylperioden skall temperaturen inte höjas för häftigt – bäst är +5 till +12°C även sedan groningens börjat. Alltså är den bästa miljön för "kallgroende" arter ett kallhus eller en kallbänk (kast) o dyl lokaler eller också på friland.

2. Flertalet ranunkelväxter behöver en något lägre temperatur (ca. –5°C) under kylperioden som angivits ovan. Orsaken är förmodligen att deras fryspunkt ligger vid –7°C medan den hos de flesta andra kallgroende växtslag ligger vid –5°C.

3. Dessa växtslag gror vanligen utmärkt om de sås strax efter skörden (färskt frö). Dock sker groningens hos många arter först på våren efter vinterns påverkan. Beställ dessa växtslag i god tid!

4. Här rör det sig om mycket småkorniga fröer som man – för att kunna så jämma och glest – eventuellt kan blanda med talk eller fin sand. Skall ej täckas med jord utan endast tryckas fast mot ytan. Bevattnas underifrån eller med mycket fin dusch så att fröet inte flyter omkring.

5. Det under punkt 1. beskrivna föraringssättet ger inte alltid önskat resultat. Många arter behöver efter kylperioden ytterligare lång tid på sig innan groningens kommer igång. Bevara därför sådden väl fuktig och skyddad mot ohyra under ett helt år – innan hoppet är ute.

6. Dessa frön ligger ofta mycket länge innan groningens börjar – ett år eller mer. För att spara plats och förhindra uttorkning ska dessa frön "stratificeras". Detta innebär: skikta fröet med väl fuktig – våt ren sand. Först ett lager sand, därefter ett tunt lager frö, nytt lager sand o s v. Stratifieringslädan skall stå skuggigt och svalt utsatt för värdrets växlingar – särskilt fuktigt och svalt vinterväder är gynnsamt. Skyddas mot möss och fåglar med finmaskigt nät. Under större förhållanden i plantskolor använder man särskilt för ändamålet byggda "stratifieringskistor". På våren kontrolleras ofta (varje vecka) om groningens börjat. Så snart groning kan konstateras skall fröet med den ständigt fuktiga sanden sås ut på väl förberedd såbådd.

7. Dessa fröslag skall täckas lika tjockt som kornens diameter. Dagtemperatur +20°C och absolut god jämn fuktighet. För Cyclamen är dock något lägre temperatur +18°C bäst. Så snart groningens börjar ställs sådden ljus och i lämplig temperatur alltefter växtslag.

8. Det rör sig här om utsäde av perenna växter som ofta gror mycket oregelbundet under lång tid. Här har också en tids lägre temperatur +5°C en gynnsam inverkan. Kassera inte sådden för tidigt – den måste få sin chans. Absolut jämn, god fuktighet är en förutsättning för en lyckad groning. Skydda sådden mot direkt solstrålning. Vi rekommenderar för Alstroemeria att hålla sådden ca. 3 veckor omkring +30°C, därefter 3 veckor +5°C och sedan omkring +21°C.

9. Gror vanligen ganska snabbt – alltefter art och häromst. Om dock groningens inte kommit igång efter 3–4 veckor måste sådden utsättas för en kylperiod under 15–30 dygn. För alla Meconopsis som hör hemma i Himalaya är kylperioden nödvändig. Även efter groningens skall de stå svalt, under +12°C, för några veckor.

10. Dessa stora, hårdskaliga frön kan hjälpas till snabbare groning genom en lätt mekanisk åverkan på skalet. En metod kan vara att näta fröet med grovkornigt skarpt grus. Ett annat sätt är att rispa fröet med sandpapper. Man kan också prova att blötlägga fröet några timmar i en „mjukgörare“ som plastindustrin använder (polyetylenglykol 6000).

11. Opuntia gror bättre och mer regelbundet ett par år efter skörden. Nytt frö ligger ofta ett år i jorden innan det kan börja gro.

12. Kylperiod är icke nödvändig trots att dessa fröer kan ligga flera månader i såbådden innan groningens kommer igång.

13. Dessa stora frön kan få svälla i vatten under 2–3 dygn. Dock högst ett dygn i de fall „mjukgörare“ används. Därefter kan man med ett försiktigt och mycket tunt snitt skära eller dra av fröskalet kring embryot så att själva grodden mer eller mindre friläggs. Fröet läggs med „snittsidan“ uppåt på väl fuktigt substrat (t ex Vermiculite). Täck närmast lufttätt med glaskupa eller glasskiva på tillräcklig höjd över fröet. En lufttemperatur på +22 till +24°C gynnar groningsprocessen.

14. En värmeperiod med ca. +25 till 30°C under 4–5 veckor efter sådden häver fröets vilstadium och gynnar groningens. Detta elimineras de groningshämmande substanserna som finns i fröet. Därefter skall sådden ställas mycket svalt på endast +2°C! Den groningsprocess som börjar vid denna låga temperatur drar ofta ut över ca. 80 dagar. Under hela kyltiden skall sådden hållas mörkt (kylrum). Därefter ges så småningom (langsamt) högre temperatur och ljus.

15. Snabbt groende frön. Sådden ska hållas jämnt och väl fuktig – men inte blö – och temperaturen vid ca. +20°C. Fröet täcks mycket tunt – riktigt små frön täcks inte alls men trycks försiktigt ner i jordytan. När groningens börjat placeras sådden något svalare och ljus.

16. Behandlas som under punkt 15. men groningens sker längsammare och ofta oregelbundet men i huvudsak problemlöst.

17. Vattenväxter sås i vattentätt kärl i näringssrik slamjord. Vattnet skall stå ca. 1 cm över jorden. Håll god groningstemperatur (ca. +22 till +24°C).

18. Såteknik som under punkt 17. Dock ska sådden stå varmt endast under 2–4 veckor för att därefter hållas kalt vid ca. 0°C under 4–6 veckor. Vattnet får gärna frysas till. Slutigen får temperaturen stiga längsamt.

19. Dessa frön behöver minst 6 veckor god jordvärme (+22°C) och jämn god fuktighet för att groningsvilan skall hävas. Därefter 6–8 veckor låg temperatur, ca. –4 till +4°C. I de flesta fall begynner groningens redan vid +4°C. Temperaturen får endast längsamt höjas – dock ej över +10°C – tills dess groningsprocessen är avslutad. Om värmen eller kylperioden inte fungerar tillfredsställande eller under tillräckligt lång tid kommer fröet att gro först nästa år. Fröet behöver då ännu en värmeperiod (sommar) och en kylperiod (vinter) för att gro. Kända exempel är: Cimicifuga och Helleborus.

20. Dessa fröslag är mycket värmeberoende, +22°C eller ännu högre, för att gro väl. Måttlig men jämn fuktighet i såbådden är mycket viktig! Gunnera måste t ex ha god fuktighet (dock ej blött) och särskilt hög groningstemperatur, ca. +24 till +30°C för att spira väl.

#### Allmänna råd:

Ställ aldrig sådden i frysbox eller frysrum med lägre temperatur än –5°C!! Utvidgningen av det frysande vattnet i växcellerna sker vid starkare frost alltför häftigt. Tryckutjämningen genom cellens membran (cellväggarna) kan då inte ske tillräckligt snabbt. Cellväggarna kommer att sprängas och fröet dö. I naturen förekommer normalt inte så plötsliga temperatursänkningar under fryspunkten. Växcellen är anpassad till en normalt tämligen långsam tryckstegring och sörjer med sin semipermeabilitet (halvgenomtränglighet) för en osmotisk tryckutjämning.

För en konstlad kylperiod lämpar sig därför ett kylskåp eller kylrum med en temperatur runt 0°C bäst. Om sälådor o. l. inte går att ställa in i kylskåpet kan man i stället blanda fröet med ren, fin och väl fuktig sand (dock ej havssand som innehåller salter). Lägg frösandblandningen i stark plastpåse och utsätt den för lämplig värmeperiod enligt anvisningen och därefter placeras påsen i kylskåpet under angiven tid. Se till att sanden hela tiden förblir fuktig!

Efter den erforderliga kylbehandlingen sås blandningen ut på det sätt som anges under respektive punkt och under de temperaturer som därför rekommenderas.

**Avtryck och kopiering, även som utdrag av denna anvisning för sådd, är förbjudet. Anvisningen är endast avsedd för utsäde som levererats av oss. Annan användning – för t ex undervisning e. l. – får endast komma ifråga med vår tillståelse.**

**1. Les semences froides sont souvent appelées à tort semences hivernales.**

La semence doit être maintenue au chaud pendant les 2–4 premières semaines à environ +18 à +22°C, en milieu humide. Elle est ensuite exposée pendant 4–6 semaines à une température de l'ordre de -4 à +4°C. Pour la famille des Ranunculus seulement, cette température devrait atteindre -5°C.

Si pendant la période froide les températures indiquées devaient différer en plus ou en moins, cela ne présente aucun inconvénient, mais la période froide doit être prolongée en conséquence étant donné que le processus de germination lié à la production de certains acides de type hormonal c'est ralenti voire même a été stoppé.

Il est très avantageux de pouvoir recouvrir l'ensemencement de neige pendant la période hivernale. La température qui y règne se situe dans la zone favorable de -4 à 0°C, le milieu demeure humide et la neige fondante "attaque" l'écorce de la semence, la rend poreuse, ce qui offre un avantage certain lorsque le germe veut sortir. Cette période froide passée, il faut absolument éviter de recourir immédiatement à des températures élevées, la zone thermique préférable se situant entre +5 et +12°C, même lorsque les signes de première germination se sont déjà manifestés. Le meilleur endroit pour de tels ensemencements est donc le terrain en plein air, le caisson froid ou la serre froide pendant les mois de mars, avril ou mai.

**2. La plupart des plantes appartenant à la famille des renonculacées demandent des températures inférieures pendant la période froide, de l'ordre de -5°C, pour le reste, ce qui a été dit en 1. demeure valable. La raison en est que la température de congélation se situe pour cette semence aux alentours de -7°C, et de -5°C pour la plupart des autres.****3. Cette variété présente généralement une germination excellente si elle est ensemencée peu de temps après la récolte, même si pour grand nombre de ces espèces la germination ne commence que vers le printemps, après que les effets de l'hiver se soient fait sentir. Cela explique pourquoi il faut commander sa semence à temps.****4. Il s'agit ici d'une semence très fine que l'on devrait mélanger à du talc ou à du sable très fin pour obtenir un ensemencement bien régulier. Ne pas recouvrir de terre criblée, mais seulement aplatis en pressant. Arroser de la base ou au moyen d'un pulvérisateur fin pour éviter que les semences soient emportées.****5. Le procédé décrit en 1 ne conduit pas toujours à des résultats satisfaisants. La période froide passée, certaines espèces demandant encore un certain temps pour germer. C'est la raison pour laquelle il ne faut pas jeter les conteneurs trop tôt. Il se peut que certaines graines y soient encore pendant toute une année.****6. Ces semences demandent une longue période avant la germination, quelquefois une année et même plus. Pour des raisons d'encombrement et aussi pour éviter que les graines se dessèchent, cette semence est "stratifiée". Cela signifie que les graines sont réparties en couche sur des lits de sable humide. Changeant les couches de sable humide et les couches fines de graines. Les caisses sont ensuite entreposées dans un endroit ombragé exposé au froid de l'hiver (notamment), bien protégées contre les oiseaux et les souris par un grillage fin. Pour des quantités de semence plus grandes, des caisses à stratification en béton se sont avérées très pratiques. Il convient de vérifier au printemps si la germination a déjà commencé. En pareil cas, transplanter immédiatement avec le sable, qui a été maintenu humide en permanence, à l'endroit prévu à cet effet.****7. Cette semence devrait être recouverte d'une couche correspondant à la grosseur de la graine. Pour des températures diurnes de l'ordre de +20°C, veiller à ce que l'humidité soit maintenue constante. Un température de +18°C est toutefois préférable pour les cyclamens. Entreposer dans un endroit ensoleillé et moyennement chaud dès que la germination a commencé.****8. Il s'agit ici d'une semence de plante vivace, dont la germination est très irrégulière et répartie sur une longue période. A noter ici que les effets d'une basse température de l'ordre de +5°C sont très avantageux. Ne pas détruire trop tôt les conteneurs de semence. Bien veiller à une humidité régulière et ne pas exposer à l'ensoleillement direct. Pour la semence d'Astroemeria nous recommandons pour 21 jours environ +30°C. Elle est ensuite exposée pendant 3 semaines à une température de +5°C. Entreposer ensuite à température de +21°C.****9. Germe très vite selon l'espèce et la provenance. Si cette germination n'a toutefois pas commencé dans un intervalle de 3–4 semaines, il est utile d'exposer l'ensemencement à une période froide de 2–4 semaines. La période froide est indispensable pour le Meconopsis domicilié en Himalaya. – Après la germination il faut faire froid ces semences. Une température moins que +12°C est préférable.****10. Il est recommandé de casser par voie mécanique l'écorce très dure de cette semence pour faciliter un gonflage plus rapide. L'une des méthodes consiste à frotter la graine avec du sable sec aux arêtes tranchantes. Il est aussi possible de ramollir la semence en la plongeant dans un "émollient" (polyéthylène glycolique 6000), utilisé dans la fabrication des matières plastiques.****11. Les opuntia germent mieux et plus régulièrement au cours de la 2ème année suivant la récolte. Les semences fraîches restent de ce fait pendant une année dans la terre avant de germer.****12. Aucune période de froid n'est nécessaire. Cela n'empêche pas que cette graine reste en terre pendant plusieurs mois avant de germer.****13. Laisser ces grosses graines se regorger en les plongeant dans l'eau pendant 2–3 jours, ou dans un "émollient" pendant une journée. Faire ensuite une entaille sur le cône de germination et enlever une très petite capsule de l'écorce, de telle sorte que le germe soit presque à nu. Placer la semence l'entaille vers le haut sur un substrat humide (vermiculite par exemple). Placer ensuite une cloche ou une vitre fermant bien à un écart suffisant des graines. La tension d'air qui résulte à une température de +22°C environ facilite la germination.****14. Une période chaude de +25 à +30°C suivant l'ensemencement répartie sur une durée de 4 à 5 semaines, en milieu humide, permet de lever les obstacles à la germination. La substance bloquant la germination se désagrège dans la graine. Entreposer ensuite la semence dans un lieu très frais de l'ordre de +2°C. A cette basse température, la germination se prolonge sur une période de 80 jours. Maintenir à l'obscurité pendant toute cette période (frigidaire ou chambre froide). Faire monter ensuite lentement la température en augmentant la lumière.****15. Semence à germination rapide Humidité régulière (éviter de submerger dans l'eau) et température avoisinant +20°C. Ensemencer très claire sans recouvrir les fines graines, tout en les aplatisant par pression toutefois. Mettre au frais dès que commence la germination.****16. Procéder comme en 15 sachant toutefois que la germination ici n'est pas aussi rapide et moins régulière, mais ne présentant toutefois aucun problème particulier.****17. Ensemencer les plantes aquatiques sur une boue nourrissante dans des cuvettes si possible étanches ou dans des récipients similaires. L'eau doit submerger la semence d'environ 1 cm. Entreposer à une température agréable (+22°C).****18. Technique d'ensemencement comme en 17. Ne laisser les cuvettes de semence seulement que 2–4 semaines à la chaleur, entreposer ensuite pendant 6–8 semaines au froid à une température de 0°C. Il n'y a pas d'inconvénient à ce que l'eau gèle. Ne laisser ensuite remonter la température que très lentement.****19. La semence exige une interruption du calme de germination (destruction de la substance bloquant la germination) se produisant dans un sol bien chaud pendant au moins 6 semaines à une température de +22°C à humidité constante. Ensuite 6 à 8 semaines au froid à -4 à +4°C. La germination commence le plus souvent dès +4°C. N'augmenter la température que très lentement et ne pas dépasser +10°C en fin de germination. Si la période de froid ou de chaleur n'a pas été suffisante, ces graines ne germent alors qu'au cours de l'année qui suit. Il leur faut alors encore une période chaude (été) et une période froide (hiver). Exemples les plus connus: Cimicifuga, Helleborus.****20. Ces semences demandent beaucoup de chaleur, +22°C et plus pour garantir une bonne germination. Une température modérée mais régulière est très importante. Gunnera en fait exige davantage d'humidité (ne pas submerger) et beaucoup de chaleur, +24 à +30°C.****Généralités:**

Ne jamais entreposer vos semences dans un congélateur, une armoire ou une chambre de surgélation ayant une température inférieure à -5°C. La dilatation de l'eau à l'intérieur de la graine est dans ce cas beaucoup trop rapide. La compensation de pression au travers de la membrane cellulaire net peut plus avoir lieu suffisamment vite. Cette membrane se déchire et la graine est morte. De tels chocs à une température inférieure à zéro durant quelques secondes n'ont jamais lieu dans la nature. Si la pression augmente régulièrement et doucement, la membrane cellulaire est prévue pour absorber la contrainte qui en résulte par voie osmotique de compensation de la pression.

Si vous désirez obtenir une période de froid artificiel, il est recommandé de recourir à un frigidaire ou une chambre froide à une température proche de 0°C. Etant donné que les caisses de semence sont difficiles à entreposer dans un frigidaire, il est possible de mélanger la graine à une sable humide, de les placer dans des sacs en matière plastique et, après la période chaude nécessaire, de les mettre dans le frigidaire. Il faut toutefois veiller à ce que le sable dans les sacs reste bien humide. Après la période de froid prévue, le sable et la semence sont vidés dans des récipients destinés à l'ensemencement et mis à la température nécessaire.

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1. Koudekiemers worden soms, ten onrechte, nog vorstkiemers genoemd. De eerste 2–4 weken na het zaaien dient het uitzaaisel **warm** (ca. +18–22°C) en vochtig gehouden te worden. Pas na deze periode het zaaisel voor ongeveer 4–6 weken kouder zetten bij een temperatuurtussen -4 en +4°C. Bij vertegenwoordigers van de Ranonkelfamilie verdient het de aanbeveling een temperatuur van -5°C aan te houden.  
Overschrijding van de genoemde temperaturen tijdens de koudeperiode is niet schadelijk, maar maakt wél een verlengde koudeperiode noodzakelijk. De opbouw van het noodzakelijke kiemingshormoon kan dan vertraagd of onderbroken zijn.  
Een sneeuwdek tijdens de koudeperiode heeft voordelen. De temperatuur onder een sneeuwdek blijkt vaak de optimale te zijn, namelijk tussen de -4 en 0°C. Ook blijft het zaaisel vochtig terwijl de smeltende sneeuw de zaadhuid poreus maakt, wat van voordeel is op de kieming van het zaad. Kort na de koudeperiode dient het zaaisel niet te worden blootgesteld aan hoge temperaturen. De optimale temperatuur ligt dan tussen de +5 en +12°C, dit geldt ook als de kieming al begonnen is. Voor dergelijke zaaisels is de ideale plek (ook nog in maart, april of mei) buiten in de volle grond, in een bak of koude kas.
2. Het merendeel van de ranonkelachtigen verlangt een wat lagere temperatuur, ca. -5°C. De verdere aanwijzingen zijn gelijk aan die als bovenstaand onder 1.) zijn genoemd. De oorzaak is mogelijk gelegen in het feit dat het vriespunt bij deze zaden op -7°C ligt, terwijl deze bij de meeste andere zaden -5°C bedraagt.
3. Deze zaden hebben het beste kiemresultaat wanneer ze direct na de oogst worden gezaaid. In een aantal gevallen zal de kieming toch pas in het voorjaar geschieden na blootstelling aan winterinvloeden. Deze zaden bij voorkeur tijdig bestellen.
4. Dit is zeer fijn zaad. Voor een gelijkmatige verdeling bij het zaaien kan het worden gemengd met fijn zand of talkpoeder. De zaden niet bedekken, alleen licht aandrukken is voldoende. Bevochtigen door opzuiging van onder af of van boven met een fijne nevel.
5. De onder 1.) beschreven procedure leidt niet altijd tot een grote opkomst. In sommige gevallen is een langere inwerkingsperiode op de zaden nodig. Het zaaisel daarom niet wegdoen maar bewaren tot volgend jaar.
6. Deze zaden hebben veel tijd nodig voor ontkieming, minimaal één en soms meerdere jaren. Ter besparing van ruimte en om uitdroging te voorkomen wordt dit zaad gestrafificeerd, d.w.z. afwisselend lagen vochtig zand en een dunne laag zaden. Aldus opgeslagen (op een beschaduwde plaats) worden de zaden blootgesteld aan de (winter-) weersinvloeden. Fijn gaas beschermt de zaden tegen vrat van muizen en vogels. In kwekerijen worden wel betonnen bakken voor dit doel gebruikt. Constante oplettendheid in het voorjaar is nodig om te zien of de kieming al is begonnen. Als dit het geval is moet direct (met het vochtige zand) worden gezaaid in een voorbereid zaaibed.
7. Dit zaad moet worden afgedeckt met een laagje zaaigrond dat net zo dik is als het zaad zelf. Overdag een temperatuur aanhouden van +20°C bij een constante vochtigheid. In het geval van Cyclamen wordt +18°C aanbevolen. Na ontkieming licht en matig warm houden.
8. Dit vaste plantenzaad kiemt onregelmatig gedurende een langere kiemperiode. Ook hier geldt dat temperaturen onder +5°C een gunstige invloed op de kieming hebben. Het zaaisel daarom niet te vroeg wegdoen. Zorg voor een gelijkmatige vochtigheid en voorkom een directe straling van zonlicht. Voor Alstroemeria adviseren wij het zaaisel gedurende 21 dagen bij ca. +30°C te houden, vervolgens gedurende 21 dagen bij +5°C en dan bij +21°C.
9. Gewoonlijk kiemt dit zaad snel, afhankelijk van soort en herkomst. Als er na 3–4 weken nog geen kieming is dan kan het zaaisel een koudeperiode worden gegeven van 2–4 weken. (Voor Meconopsis, afkomstig uit de Himalaya, is de koudeperiode verplicht en ook na opkomst moet het zaaisel nog een aantal weken koel, bij ca. +12°C, worden gehouden.)
10. Bij deze grotere zaden met een harde zaadhuid helpt een mechanische beschadiging van de zaadhuid waardoor het zaad sneller zwelt. Een methode is het zaad in droog, scherp zand of tussen schuurpapier te wrijven. Er wordt ook wel gebruik gemaakt van een zgn. weekmaker (Polyethyleenglycol 6000) uit de kunststofindustrie.
11. Opuntia kiemt beter en gelijkmatiger in het tweede jaar na de oogst. Vers gezaaid zaad ligt daarom vaak een jaar over voordat kieming volgt.
12. Een koudeperiode is hier niet noodzakelijk. Toch liggen deze zaden vaak een aantal maanden voordat ze massaal kiemen.
13. Deze grote zaden 2 tot 3 dagen laten weken in water. Bij gebruikmaking van een weekmaker slechts één dag. Vervolgens aan de zijkant een dun reepje van de zaadhuid afsnijden of afpeilen waardoor de kiem komt bloot te liggen. Het zaad dan, met de snijkant naar boven, in een vochtig zaaimedium bijv. Vermiculiet leggen en luchtdicht afsluiten onder een kunststof kap of een glasplaat. Zorg voor voldoende ruimte tussen kap en zaad. De hoge luchtvuchtigheid in combinatie met een temperatuur van ca. +22°C bevordert een snelle kieming.
14. Een vochtige warme periode van 4–5 weken bij ca. +25–30°C verbreekt de kiemrust. De in het zaad aanwezige kiemremmer wordt dan afgebroken. Vervolgens het zaaisel koud, bij +2°C!, plaatsen. Bij deze lage temperatuur strekt de kieming zich over 80 dagen uit. Gedurende deze tijd het zaaisel donker houden (koelkast). Daarna de temperatuur en het lichtniveau geleidelijk aan verhogen.
15. Dit zaad kiemt snel. Gelijkmatig vochtig houden (niet nat) bij ca. +20°C. Het zaad slechts zeer dun afdekken, fijn zaad echter niet afdekken, maar licht aandrukken. Na de kieming koeler houden.
16. Als bij 15.). Kieming gescheiddt meestal probleemloos maar mogelijk minder snel en wellicht ook minder gelijkmatig.
17. Waterplanten worden onder water gezaaid in plastic bakken gevuld met voedselrijk slib. Een laagje water van ca 1 cm boven het slib is voldoende. Tamelijk warm (+22°C) houden.
18. Zaaiprocedure als bij 17.). De zaaibakken slechts 2–4 weken warm houden en vervolgens 4–6 weken koude geven bij 0°C. Bevriezen mag. Daarna de temperatuur geleidelijk laten oplopen.
19. Deze zaaisels hebben voor het verbreken van de kiemrust (de afbraak van de kiemremmers) minstens 6 weken bodemwarmte van +22°C nodig en een gelijkmatige vochtigheid. Vervolgens een koudeperiode geven van ca -4 tot +4°C. Vaak begint de kieming al bij +4°C. De temperatuur dan geleidelijk laten oplopen tot niet meer dan +10°C tot de kieming volledig is. Het kan zijn dat de koude periode of de warme periode niet voldoende lang zijn geweest. In dat geval zal de ontkieming pas het jaar erna plaatsvinden na de invloeden van de zomer (warmte) en winter (koude). Bekende voorbeelden hiervan zijn Cimicifuga en Helleborus.
20. Deze zaaisels verlangen hoge temperaturen (+22°C of meer) voor een goed kiemingsresultaat. Een lichte maar gelijkmatige vochtigheid is zeer belangrijk. Gunnera verlangt een hoge vochtigheid (maar niet nat) en hoge temperaturen, +24–30°C.

#### Algemeen:

Plaats nooit zaaisels in vrieskasten e.d. met temperaturen onder -5°C!! De uitzetting van het bevriezende celvocht gaat te snel, de celmembranen kunnen het drukverschil niet opvangen waardoor de celwand scheuren en het zaad doodgaat. Zulke snelle temperatuurdalingen komen in de natuur niet voor. Op een geleidelijke drukverhoging kunnen de celmembranen reageren door osmose via de halfdoorlatende celwand waardoor de drukverschillen worden opgeheven.

Bij vele koudekiemers kan het gebeuren dat ze al kiemen tijdens de warme periode. Deze kiemplantjes dienen eruit te worden gehaald voordat het zaaisel koud wordt gezet. Dit verschijnsel heeft verschillende redenen. Het draagt onder anderen bij tot het voortbestaan van de soort in gebieden met wisselvallige winters. Mocht een strenge winter voorkomen dan bevriezen de vroegtijdig opgekomen kiemplanten. De soort wordt dan in stand gehouden door de zaden die pas kiemen na inwerking van de winterkou.

Voor een kunstmatige koudeperiode is de koelkast of koelruimte met een temperatuur rond 0°C geschikt. Zaaikisten zijn vaak nogal moeilijk te plaatsen in de koelkast. Daarom kan ook worden volstaan met het zaad te vermengen met vochtig zand en zo in plastic zakjes, na de noodzakelijke warme periode, in de koelkast op te slaan. Er moet altijd op worden gelet dat de inhoud van de zakjes niet uitdroogt. Na afloop van de benodigde koudeperiode kan dan het zaad, samen met het zand, worden uitgezaaid bij de geadviseerde temperatuur.

**Nadruk van deze zaai-aanwijzingen, of delen hieruit, is niet toegestaan. De aanwijzingen zijn alleen bedoeld voor de door ons aangeboden zaden. Andere toepassingen, bijv. voor onderwijsdoeleinden, zijn alleen toegestaan na onze schriftelijke toestemming.**

1. 低温発芽植物は今日でもなお、適切とはいえない表現”霜発芽植物”で呼ばれています。蒔かれた種子は最初の2~4週間は、温かく（約18~22°C）十分な湿り気をもつ状態に置いて下さい。その後4~6週間に渡り-4°Cから+4°Cの冷温に置きます。多くのキンポウゲ科の植物に限り、-5°C前後の気温が有利条件になります。  
冷却期間中上記の気温を下回ったり、上回ったりすることが仮にあっても、決して害はありませんが、その場合は、冷却期間をそれに応じて延長する必要があります。これは、その期間中、発芽を促す、ホルモンに似た酸の増成過程の進行速度が落ちたり、あるいは停止したりするためです。  
蒔いた種子を冷却期間中雪でおおうことが出来れば、有利条件となります。雪の下では、温度はほとんどの場合-4°Cから0°Cの好ましい範囲にあり、湿り気が保たれます。さらに、雪は解けかかると種子の外皮を”腐食”して浸透性を与え、芽が伸びるのに有利になります。いかなる場合も、冷却期間後すぐに高温下に置くことはしないで下さい。それとは反対に、好ましい温度域は+5°Cから12°Cの間であり、発芽が観察された後もこの温度を保つ必要があります。従って、これらの蒔かれた種子にとっての適所は、3月4月5月でも、屋外、冷却箱あるいは冷室です。
2. 複数のキンポウゲ科の植物は、冷却期間中これよりさらに低温の、約-5°Cを必要とします。その他の手順は、1)に記述した通りです。これは恐らく、これらの種子の氷点が約-7°Cであるのに対して、その他多数の種子では-5°Cであることに原因すると考えられます。
3. これらの種属は、収穫後間もなく蒔かれると、実際の発芽は多くの場合、冬の影響を受けた後春になってから始めて起こりますが、その発芽成績はほとんどの場合、非常に優秀です。従って、これらの種子は適時に蒔いて下さい。
4. ここで扱うのは非常に細かい種子で、種蒔きにあたっては、場合によっては滑石粉又は最も細かい種類の砂を混ぜて、一様に蒔く必要があります。種子の上には土をかけず、押しつけるだけにします。水やりは下から、あるいは目の細かい霧吹き器を使って行い、種子を流さないようにします。
5. 1)に記述した手順は、あらゆる場合に首尾上々に運ぶわけではなく、いくつかの種属では、冷却期間後発芽するまでにさらに長期間を要します。ですから、種子を蒔いた容器を早々と捨てるがないようにして下さい。種子によっては冷却期間後さらに1年間も土中に眠っていることがあります。
6. これらの種子は発芽まで非常に長期間、1年あるいはそれ以上、土中に眠ります。場所を節約するため、又干からびてしまうのを防ぐために、これらの種子を”成層”します。即ち、種子を湿った砂の層の間に埋めるのです。十分に湿った砂の層と薄い種子の層を交互に重ねます。成層箱は日陰に置いて、天候の影響（特に冬の天候）に曝し、細かい金網でネズミや鳥から守ります。多量の種子を蒔く場合はコンクリート製の成層箱が良いことが育樹園で確認されています。春になったら、発芽がすでに始まっているかどうかを頻繁に点検すべきです。その場合は、常時湿った状態に保たれていた砂とともに種子を、あらかじめ準備しておいた苗床に即刻出さなければなりません。
7. これらの種子は、種子粒の直径と同じ厚みの土でおおって下さい。日中の気温20°C前後で、常時均一に湿り気を保つ様配慮します。シクラメンには、しかし18°Cが望されます。発芽が起こった後は、明るく、適度に温かい場所に置きます。
8. ここで扱うのは非常に不均一に発芽し、長い発芽期間を持つことを特徴とする多年生草木の種子です。ここでもやはり、5°C未満の低温の影響が非常に有利です、種蒔き容器を早々と廃棄しないで下さい。特に一様に湿り気を与えることを配慮し、決して直射日光にさらさないこと。ユリズイセンは、蒔いた種子を21日間約30°Cの状態に置いた後、21日間5°Cに、引き続き21°Cに置くことをお勧めします。
9. 種と出所によって早く発芽します。しかし3~4週間たっても発芽が起らぬ場合は、その出所の種子には2~4週間の冷却期を定める必要があります。ヒマラヤ原産のメコノプシスには冷却期が不可欠です。発芽が成った後も、2~3週間は約12°C未満の低温を保つようにするべきです。
10. これらの大きめで硬い外皮を持つ種子には、種子の外皮にかるく傷をつけてやると、種子粒が水をふくんでもくらむのを早めることができます。種子を乾燥した鋭利な砂の間で擦ったり、紙ヤスリを使って擦ることも一方法です。あるいは、プラスチック製造に応用されているように、”柔弱剤”（ポリエチレングリコール6000）の中に2、3時間浸けて柔らかくすることも出来ます
11. オブンチエン（サボテン）は収穫後2年目の方が首尾よく、一様に発芽します。そのため、新しい種子はしばしば、発芽まで1年間土中に眠ります。
12. 冷却期間を置く必要はありませんがこれら種子は、多くの場合、完全に発芽するまで数ヶ月を要します。

13. これらの大粒の種子は、2～3日水に浸けて柔らかくします、柔弱剤を使用する場合は、1日が限度です。その後、円錐状の種子の側面からごく薄い小片を切り取るかはぎ取るかして、芽がほぼ完全に劉き出しになるようにします。切り取った箇所が上を向くように、種子を湿った種蒔き用培養基（例えばフェミクルテ）の上に置きます。ガラス円盤又はガラス板を、種子から十分な間隔をもたせて置き、きっちりと密閉します。気温約22℃のもとで発生する空気圧が発芽を促進します。
14. 種蒔き後、約25℃～30℃の温暖期間を約4～5週間置き、この間湿り気を保つと、発芽抑制が解除されます。種子の中にある発芽を抑制する物質が壊れるためです。その後蒔かれた種子を+2℃の冷温に保ちます。この冷温下で始まった発芽の進行は長引き、約80日以上に渡ります。この期間中は暗い場所（冷室）に置くこと。その後は、温度をゆっくりと上げ、光に当てます。
15. 薄くと早く発芽する種子です。一様な湿り気（濡れた状態でなく）と約+20℃前後の気温。これらの種子にはごく薄く土をかぶせ、丁寧に蒔いた場合は土をかぶせず押しつけるだけにすること。発芽後は温度を下げて下さい。
16. 15)と同じですが、発芽はそう早くは進行せず、非常に一様にも起こりません。それでも発芽には、ほとんどの場合、問題はありません。
17. 水生植物は、水もれしないプラスチック容器又はそれに類似した容器に養分の多い泥土を入れ、その中に種蒔きします。水は、種を蒔いた土の上1cmまで入れて構いません。十分な暖かさ（約22℃）のもとに置いて下さい。
18. 種蒔きの手法は17)と同じですが、種蒔き容器は約2～4週間だけ温かい場所に、その後約4～6週間、0℃前後の冷温下に置きます。水は凍っても構いません。引き続き温度を非常にゆっくりと上げて行きます。
19. この種子は蒔かれると、発芽制止の解除（発芽を抑制している物質の分解）のために少なくとも6週間約22℃の土中温度と、一様な湿り気を必要とします。その後引き続いて6～8週間、約-4℃から+4℃の冷温下に置きます。多くの場合、+4℃で既に発芽が始まります。温度の上昇はごくゆっくりと行き、発芽が終了するまで10℃を越すことがないようにします。冷却期間又は温暖期間が十分に取られなかった場合は、これらの種子は次の年になってから発芽します。その場合は、もう一度温かい期間（夏）と冷たい期間（冬）を各々一期づつ必要とします。周知の例：キミキフーガ、クリスマスローズ
20. これらの種子は蒔かれると、優良な発芽成績を達成するためには、22℃又はそれ以上の暖かさを必要とします。ほどほどに、しかし一様な湿り気が非常に大切です。グンネーラは但し、特に十分の湿り気（濡れた状態でなく）と約24℃から30℃の特別の暖かさを好みます。

## 総括的ご案内

蒔かれた種子は決して、温度-5℃未満の冷凍庫、冷凍ケース、冷凍室内には置かないで下さい。そうした場合は、種子の細胞内で氷結する水分の膨張の速度が早すぎるのです。細胞膜を介する圧力の均衡作用はそう迅速には進行しないため、細胞壁が裂け、種子は死にます。自然界においては、そのようなマイナス域での瞬時の温度急降下は起こりません。細胞膜は、通常の、ゆっくりと進行する圧力上昇に対しては十分対応出来るよう創られており、又、透過性を有するため、浸透性の圧力均衡を保ちます。

いくつかの冷温発芽植物においては、種子が部分的に温暖期に既に発芽してしまうことが再三再四起こります。これらの実生は、蒔いた種子を冷温下に置く前に移植されなければなりません。この現象にはいくつかの原因があります。そのひとつに、冬の天候が必ず訪れるとは限らない地域において、種の保存の役割を果たす、ということがあります。相応する冬の天候が訪れば、この早期に発芽した実生は生き延びることは出来なくなります。種属はその場合、冷温の影響を受けた後に発芽する種子により保存されます。

人工的な冷却期にはそのようなわけで、0℃前後の温度の冷蔵庫又は冷室がむいています。種蒔き箱は多くの場合、冷蔵庫に収容出来ないので、種子を少し湿った砂に混ぜてプラスチック袋に詰め、必要な温暖期間後、冷蔵庫に収容することも出来ます。その時は、袋内の砂が湿り気を保つよう注意する必要があります。必要とされる冷却期間の終了後は、種子を砂と共に種蒔き箱に出し、必要な温度下に置きます。

種蒔き案内書の複写は、例え抜粋であっても許可されていません。案内書は、当社の栽培した種子の種蒔きをのみ対象として作製されています。教育等、その他の目的での使用は、当社の了解なしに行わないで下さい。

1. Le piante che germogliano a freddo vengono ancora oggi annoverate tra le piante germoglianti a temperature glaciali, il che non è esatto. Le prime 2–4 settimane i semi devono trovarsi in ambiente **caldo** (circa +18–22°C) e ben inumidito. Solo dopo tale periodo i semi vengono esposti per circa 4–6 settimane alle basse temperature tra i –4 ed i +4°C. Solo per i ranuncoli risulta benefica una temperatura attorno ai –5°C. Se nel periodo freddo la temperatura dovesse superare il limite superiore o quello inferiore sopra indicati, non si registrano danni, bisogna però prolungare adeguatamente il periodo freddo, poiché in questo intervallo di tempo si rallenta o si blocca il processo di formazione di quell'acido di tipo ormonale che avvia la fase germogliativa. Risulta vantaggioso coprire con neve i semi nel periodo freddo. Sotto la neve la temperatura si mantiene in genere a livelli propizi tra –4 e 0°C, l'ambiente rimane umido, e la neve sciogliendosi „corrode“ il guscio del seme rendendolo poroso, il che favorisce la fuoriuscita dei germogli. – Passato questo periodo freddo la temperatura non deve salire subito in alto; l'ambito più favorevole è quello tra i +5 ed i +12°C, anche se si vedono spuntare già i primi germogli! Il giusto posto per questi semi – ciò vale anche fino a marzo/aprile/maggio – è all'aperto, nel cassetto freddo o nella serra fredda.
2. Nel periodo freddo la maggior parte delle piante del genere dei ranuncoli abbisogna di basse temperature sui –5°C, altrimenti si proceda come descritto al punto 1. La ragione di ciò sta probabilmente nel fatto che il punto di congelamento per questi semi è circa –7°C, mentre per la maggioranza degli altri semi è sui –5°C.
3. I semi di questo genere danno di solito ottimi risultati di germogliamento se si seminano immediatamente dopo il raccolto, seppure la maggioranza di tali specie germoglia poi lo stesso appena in primavera, dopo il trattamento a freddo subito d'inverno. Ordinate perciò tempestivamente questi semi!
4. Qui si tratta di semi molto fini, che consigliamo di mescolare eventualmente con talco o con sabbia finissima, al fine di effettuare una semina uniforme. Non coprire con terra, basta pressare i semi sul terreno. Si irriga dal di sotto oppure impiegando un nebulizzatore, affinché l'acqua non trascini via i semi.
5. Il trattamento descritto al punto 1. non dà sempre risultati del tutto soddisfacenti. Dopo il periodo freddo alcune specie abbisognano ancora di un lungo periodo prima di germogliare. Dunque non gettar via troppo presto i contenitori coi semi. Alcuni semi rimangono in terra ancora un anno intero.
6. Questi semi rimangono in giacenza per molto tempo, 1 anno e più, prima di germogliare. Per ragioni di economia di spazio e anche per evitare un essiccamiento, questo seme viene „stratificato“. Ciò significa: i semi vengono messi in sabbia umida a strati. Ad uno strato ben inumidito di sabbia segue un sottile strato di semi e così via di seguito. I cassettoni di stratificazione vengono collocati all'ombra, esposti alle intemperie (specialmente all'influsso del tempo invernale) con una fine rete metallica di protezione contro topi ed uccelli. Per forti quantitativi di semi nei vivai di piante sono stati applicati con successo cassettoni di stratificazione in cemento armato. In primavera bisogna controllare spesso se incomincia già il germogliamento. In caso positivo si prendono i semi assieme alla sabbia, tenuta tutto il tempo ben umida, per portarli sull'aiola già predisposta ad accoglierli.
7. Questo seme deve venir coperto con uno strato di spessore pari al diametro del granello. Ad una temperatura sui +20°C durante il giorno si abbia cura di provvedere all'aporto di umidità sufficiente. Per i ciclamini è preferibile una temperatura di +18°C. A germogliamento avvenuto si provvede ad un'esposizione a lucre chiara con temperature tiepide.
8. Qui si tratta di semi di piante perenni, il cui germogliamento molto irregolare si estende per un lungo periodo di tempo. Risulta particolarmente vantaggioso sottoporre i semi all'influsso di basse temperature sotto i +5°C. Non si distruggano troppo presto i contenitori di semi. Si faccia soprattutto attenzione che l'umidità sia distribuita uniformemente e si eviti l'esposizione diretta ai raggi solari.
9. A seconda della specie e dell'origine questi semi germogliano più o meno presto. Se dopo 3–4 settimane non dovessero ancora germogliare, si sottopongono per 2–4 settimane all'influenza di basse temperature. Per la meconopsis, originaria dall'Himalaia, è assolutamente necessario sottoporre i semi ad un periodo di unfluenza di basse temperature. Anche a germogliamento già avvenuto si mantenga ancora per alcune settimane una temperatura sotto i circa +12°C.
10. Il gonfiamento di questi semi abbastanza grandi e con guscio robusto viene accelerato se si lacera leggermente per via meccanica il loro guscio. Uno dei metodi applicati è quello di sfregare i semi con sabbia aguzza o con carta vetrata. I semi si possono anche rendere molli, immersendoli per alcune ore in „ammorbidente“ (glicole di polietilene 6000), come quelli impiegati nella produzione di materie plastiche.
11. Le opunzie germogliano meglio e più uniformemente nel 2° anno dopo il raccolto. Il seme fresco rimane pertanto spesso nella terra per un anno prima di germogliare.
12. Non è necessario un periodo di basse temperature; comunque questo seme impiega spesso molti mesi fino al pieno germogliamento.
13. Questi grandi semi si lasciano pregonfiare in acqua per 2 o 3 giorni; se si aggiunge un „ammorbidente“ il periodo di gonfiamento non deve superare 1 giorno. Sulla parte dove si trova il cono del germoglio si taglia via o si pella una sottilissima fettina, di modo che il germoglio rimanga quasi scoperto. Il seme si pone con il punto di taglio all'insù su un substrato di seminatura (p.es. verniculite). Si copre la superficie con una campana o lastra di vetro a buona chiusura; si mantenga una sufficiente distanza dal vetro al seme. La tensione d'aria in tal modo generata ad una temperatura di circa +22°C favorisce il germogliamento.
14. Lo sblocco dell'inibizione di germogliamento si raggiunge sottoponendo i semi all'influenza di un periodo di circa 4–5 settimane di temperature tra i circa +25–30°C in ambiente umido. In tal modo si decompono la sostanza che – presente nel seme – inibisce il germogliamento. Dopo questo trattamento si lasciano i semi a temperature basse, +2°C! Il germogliamento che inizia in un ambiente così freddo si protrae per un periodo di circa 80 giorni. In tale periodo tenere i semi all'oscuro (in cella frigorifera). In seguito si aumenta gradualmente la temperatura, esponendo i semi alla luce.
15. Semi a germogliamento celere. Umidità uniforme (non bagnare!) e temperatura sui +20°C. Appena coprire i semi appena; quelli fini non si coprono, bensì si pressano sul terreno. Mettere al freddo a germogliamento avvenuto.
16. Si procede come al punto 15., solo che in questo caso il germogliamento non avviene celermemente; i semi non germogliano neppure uniformemente, però il germogliamento avviene senza problemi.
17. Per la semina delle piante aquatiche si impiega una propizia terra fangosa in contenitori di plastica a tenuta d'acqua o in altri recipienti delle stesse caratteristiche. L'acqua può arrivare ad un livello di 1 cm sopra la terra che copre i semi. Mettere in ambiente a temperatura piuttosto alta (circa +22°C).
18. La tecnica di semina è quella indicata al punto 17. I recipienti coi semi si lasciano al caldo soltanto per circa 2–4 settimane, dopo di che si mettono per circa 4–6 settimane in ambiente freddo a circa 0°C. Si può lasciar gelare l'acqua. Dopo il periodo predetto si fa salire lentamente la temperatura.
19. Per porre fine al periodo di stasi germogliativa (decomposizione della sostanza che inibisce il germogliamento), questi semi abbisognano di almeno 6 settimane di terreno ben riscaldato, a circa +22°C, e di umidità uniformemente distribuita. Dopo di ciò si espone per 6–8 settimane al freddo, con circa –4 fino a +4°C. Di solito il germogliamento inizia già a +4°C. Aumentare la temperatura molto lentamente, senza superare i +10°C, fino al completamento del germogliamento. Se il periodo caldo o quello freddo erano troppo brevi, questi semi germogliano appena l'anno seguente. Abbisognano poi ancora di un periodo caldo (l'estate) e di un periodo freddo (l'inverno). Un noto esempio: cimicifuga, helleborus.
20. I semi hanno bisogno di molto calore, cioè +22°C ed anche di più, per raggiungere un germogliamento soddisfacente. E' molto importante la presenza di un'umidità ridotta, che sia però iniforme. Per quanto concerne la gunnera, questa ha bisogno di molta umidità (ma non di bagnato) e di temperature alte dai circa +24 ai 30°C.

**Note generali:**

Non porre mai i semi in un congelatore o in una cella di congelamento con temperature sotto i –5°C! La dilatazione dell'acqua che gela nelle cellule dei semi avviene a tali condizioni in modo troppo repentino. Non riesce a stabilirsi tanto presto un compenso di pressione attraverso le membrane cellulari. Le pareti delle cellule si lacerano ed il seme muore. In natura non si hanno casi di abbassamenti così repentinii nell'ambito di temperature sotto lo zero. Le cellule però non vengono danneggiate, se la pressione aumenta normalmente e lentamente; allora le cellule compensano la pressione eccessiva grazie all'osmosi che avviene tramite le pareti cellulari semipermeabili.

Per periodi di freddo artificiale si impieghino perciò celle o armadi frigoriferi con temperature attorno allo 0°C. Poiché è difficile collocare contenitori di seminagione in armadi frigoriferi, si può procedere nel seguente modo: si mescolano i semi con un po' di sabbia umida, mettendo il tutto in sacchetti di plastica. Si lascia trascorrere il necessario periodo con alta temperatura prima di porre i semi così trattati in frigorifero. Si faccia però attenzione che la sabbia nei sacchetti rimanga umida. Trascorso il necessario periodo freddo, semi e sabbia vengono messi nel contenitore di seminagione che viene poi lasciato alla temperatura adatta.

**E' vietato riprodurre, anche parzialmente, il testo delle sopra citate istruzioni di semina. Queste istruzioni sono applicabili solo alla semina dei semi acquistati presso di noi; un'applicazione per altri scopi, p.es. a scopo didattico, è ammessa soltanto previo nostro benestare.**

**All sales are subject to the following terms and conditions accepted by all customers when placing their orders.**

## General Terms of Delivery

1. Every consignment should be inspected upon delivery. Complaints about any perceptible defects relating to the goods or the packaging and any weight discrepancies must be brought to the Seller's notice no later than the 5th working day and any deficient germination vigour no later than 3 weeks after receipt of the goods. Notice of any defects which are not detectable until a later date must be given without delay. In the event of any dispute the goods shall, upon prior notification to the Seller, be re-examined by the Institute of Applied Botany, Hamburg/Germany (Staatsinstitut für angewandte Botanik), whose analysis shall be recognized as decisive by both parties. The expenses shall be borne by the losing party.
2. If the Buyer has justifiably complained about perceptible defects or deficient germination vigour, the Seller shall be obligated to take back the goods, but not to deliver replacement goods, nor to grant a price discount, nor to pay compensation for damages.
3. In the case of all other defects the Seller shall be liable for damages proved in due time and not exceeding the invoiced amount for the goods in question; no further liability will be assumed. The Buyer shall waive all other statutory or private claims. The same shall apply in the event that goods other than those specified are delivered. The descriptions given in this catalogue are not to be regarded as warranted qualities.  
  
The Seller does not accept any responsibility for the outdoor viability of the goods as this is dependent on outside influences beyond control.  
  
Furthermore, the Seller is not liable on account of seed infestation and transmission of diseases or pests.
4. The place of performance and jurisdiction for both parties is Schwarmstedt / Lüneburg. German law is applicable.
5. Acceptance of orders for items which are not yet in stock is subject to the receipt of marketable goods.

Crop failures or non-marketability of goods releases the Seller from his obligation to deliver.

6. The Seller is entitled to withdraw from the contract or to postpone delivery if, through no fault of his own, prompt delivery is made impossible by interruptions of traffic, measures ordered by public authorities, or other events of force majeure. Furthermore, the Seller is entitled to withdraw from the contract without rendering compensation, if he is given cause to doubt the Buyer's credit standing and the Buyer fails to pay in advance or furnish security at the Seller's request.
7. Ownership of all goods supplied by the Seller will be retained by the Seller until all receivables and any balance on current account debitabile to the Buyer have been settled or, in the case of payment by cheque or bill of exchange, until such has been honoured.
8. The plants grown from the goods shall be deemed as security assigned to the Seller until the aforementioned time or, in the case of outdoor crops, until these have been extracted from the land. In lieu of delivery of the goods the Seller may hold them in safe custody for the creditor free of charge. The German law relating to the safeguarding of fertilizer and seed supplies shall apply mutatis mutandis.
9. In the event that the Buyer ceases all payments prior to paying for the goods delivered, the Seller shall have the rights specified in the Bankruptcy Act pertaining to the segregation of goods or the assignment of the right to consideration. The segregatable goods shall be set off against the purchase price claim at 65% of the maximum quantity wholesale price but no higher than 65% of the price invoiced at the time of delivery. The balance of the purchase price shall remain payable.
10. Unless otherwise agreed, the above terms and conditions shall apply analogously to the delivery of other horticultural products.
11. Should any of the above terms and conditions become legally ineffective on account of cancellation, other agreements or for other reasons, the remaining provisions shall remain binding.

## Specific Terms of Delivery for Commercial Gardeners

1. All offers/quotations are without obligation and without relation to any previous purchases. Previous prices become invalid as soon this list is issued.
2. The prices shown in this list are net prices in EURO and, unless otherwise agreed, do not include packing and are free place of shipment, for domestic customers plus the Value Added Tax applicable on the day of delivery. The packaging is charged at the lowest possible price, but is not returnable.
3. Pricing: 0.1g to 9.9g at the 1g price; 10g to 99.9g at the 10g price; 100g to 999.9g at the 100g price; 1kg to 9.999kg at the 1kg price; prices for larger quantities are given upon inquiry.

If a price per 1000 seeds is not listed, orders in seed units will be converted from an average seedcount into gram units and charged accordingly.

Minimum order value 25 € net. Orders less than 25 € will be charged the difference.

The Seller is entitled to increase to the next largest unit any order quantities other than those listed above amounting to no more than 50 € in value. If prices are not quoted for smaller quantities, the respective higher sliding-scale price will be invoiced nonetheless.

Minimum charge per item 2 € net.

4. Shipping shall be at the Buyer's risk in accordance with clearly specified shipping instructions. Consignments will be insured at the expense of the Buyer against transport risks. Otherwise the Seller shall use his own discretion without accepting any responsibility.
5. Packets whose closure has been damaged or some of whose contents have already been used cannot be taken back. In the event that liability exceeding that outlined in section 3 of the General Terms of Delivery is obligatory by law, proof of the defects claimed – in particular non-trueness of species or variety – must be

furnished by the Buyer with the contents of a previously unopened packet sealed by the Seller or breeder.

A fee of minimum 30% of the goods value shall be charged to the Buyer's account for any return of goods attributable to the fault of the Buyer or cancellation of orders at short notice. Return of goods after 30 days is not accepted.

Seeds are perishable goods. Every order is matched to the customer's individual requirements. A right of cancellation / right of return on behalf of traders/ business is therefore excluded. Jelitto Staudensamen GmbH is not obligated and on principle, not prepared to participate in dispute settlement hearings before an arbitration committee.

6. Unless otherwise agreed, all invoices shall be payable net cash upon receipt; bank interest (1,5% p.m.) and expenses will be charged for overdue payment unless other rights are asserted. No discount is granted when payment is made by credit card. If cash-on-delivery is not requested, this must be expressly indicated, new customers being requested to furnish references. COD charges shall be at the expense of the Buyer.

7. All photographic material supplied is copyright of Jelitto Staudensamen GmbH. The photographic material shall not be duplicated or passed on to third parties.

The one-off right of use is granted under the express condition that the recipient shall use the photographic material for the agreed purpose only. The photographic material may only be used under the complete name under which the material was supplied.

In the event of any breach of these conditions, Jelitto Staudensamen GmbH will claim damages of not less than 250 € per individual case.

8. Should any of the above terms and conditions become legally ineffective on account of cancellation, other agreements or for other reasons, the remaining provisions shall remain binding.