

FLOWERS

Seed Volume Discounts

Do not miss your opportunity to EARN a bigger discount off listed prices.
Discounts on SEEDS ONLY.

Under \$250.00	Net	\$250.01 to \$500.00.....	15%
\$500.01 to \$750.00	18%	\$750.01 to \$1,500.00.....	20%
\$1,500.00 and over	Call for details		

We do NOT have a minimum order requirement

We do not have a minimum order requirement and all orders are appreciated and shipped the same day received. Due to the increased costs of order processing and shipping by United Parcel Service and the U.S. Mail, the minimum shipping charge is \$7.80.

ABUTILON

FLOWERING MAPLE, INDIAN MALLOW,
CHINESE BELL FLOWER

8,000 sds/oz 65°-75° 3-5 days

Cover with medium grade vermiculite at time of sowing.

BELLA SERIES

14-18 in. - 8,500 S. (F-1 Hybrid).

Large 3 in., bell-shaped flowers look up for a good show of color, that will bloom continuously, even under hot conditions. The multi-lobed leaves resemble a maple tree. Ideal in packs, 3-4 in. pots, baskets, or as an indoor plant. Flowers bloom best in partial shade, when evenly moist. Weeks to flower: 11-13.

Select Mixture - 1269

Apricot Shades, Deep Coral, Pink, Red, Salmon Shades, Vanilla and Yellow.

10 sds - \$7.60	25 sds - \$13.90
50 sds - \$23.00	100 sds - \$35.60
250 sds - \$78.20	(24C9)

HYBRIDUM MAXIMUM MIXTURE - 1270

36 in. - 9,000 S. Large, bell shaped flowers of orange, red and yellow veined shades. Leaves are very ornamental and often variegated.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

ACROCLINIUM

8,500 sds/oz 65°-70° 2 weeks

NEW DOUBLE GIANTS - 1278

☞ 18 in. - 8,000 S. Extra large, brightly colored Strawflowers for cutting in shades of pink, rose and white. For winter bouquets, cut when buds begin to open.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

ACHILLEA

NOBLESSA - 5402

☞ ① Perennial. 12-18 in. - 101,000 S. A. ptarmica. This noble beauty sets itself apart from the competition, sporting masses of bright white, fully double flowers over deep green foliage, providing a dainty appearance in a pot or in a cottage garden. Excellent for dry cuts. Heat and drought tolerant. Weeks to flower: 11-13. Zones: 3-9

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

SUMMER BERRIES

Mixture - 5503 ☞ ①

Perennial. 24-28 in. - 125,000 S. A. millefolium. The most beautiful and long-lasting Yarrow. A cheery blend of magnificent colors in shades of apricot, cherry-red, pink and white. An upright, bushy plant with 3-5 in. clusters. Unlike most Achilleas, the blooms do not fade. This bouquet is contrasted with aromatic grey-green foliage. Great if used dried. Weeks to flower: 16. Zones: 3-9

SUMMER PASTELS

Mixture - 5508 ☞ ①

Perennial. 24 in. - 140,000 S. A. millefolium. (All America Winner - 1990). A beautiful mixture of soft pastel flowers in shades of apricot, cream, lavender, pink, purple, red, rose, white and yellow. Foliage is fern-like and aromatic. Excellent in dried arrangements. Heat and weather tolerant, a hardy perennial. Deer resistant and attracts butterflies, bees and hummingbirds. Weeks to flower: 16. Zones: 2-9

Each of the above: (28B9)	100 sds - \$6.90
200 sds - \$11.60	500 sds - \$19.70
1,000 sds - \$31.50	2,000 sds - \$56.80

ACONITUM

Aconite, Monk's Hood, Wolfsbane
8,000 sds/oz 60°-70° 25 days

Freeze seed for two weeks before sowing. Sow in a bag with moist seed mix and maintain at 70° temperature for three weeks. then place in the fridge for four weeks, move to 55° where germination will occur. Light will help germination. Will flower the third year. Be aware that all parts of the plant are poisonous.

NEWRY BLUE - 5517

☞ Perennial. 36 in. - 11,000 S. A. napellus. A beautiful strain with upright tall spikes of the deepest blue hooded flowers over deep-cut foliage. Foliage is very attractive in the spring as it emerges out of the ground; leaves are very lacy and cut, shaped somewhat like a hand. Suitable for borders and woodland gardens. Will flower June-August. Zones: 3-8

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

AGASTACHE

ARIZONA SANDSTONE ORANGE - 5487

① Perennial. 8-10 in. - 55,500 S. A wonderful compact hybrid, featuring loose spikes of mint scented, terra cotta-orange, tubular flowers on dense spikes. Grey-green foliage. Extremely useful in containers or tubs or integrated into the perennial border. Stunning when combined with dark red or bronze-leaved plants. Flowers are also edible and fun to sprinkle into salads or use as a garnish. Attracts butterflies and hummingbirds. Zones: 6-9

100 sds - \$8.85	200 sds - \$15.75
500 sds - \$28.25	1,000 sds - \$46.50
2,000 sds - \$85.60	(28E9)

AGASTACHE (continued on next page)

AGASTACHE (continued)

GOLDEN JUBILEE - 5489

☞ ① **Perennial.** 20 in. - 65,000 S. *A. foeniculum.* (All America Winner - 2003). Deep yellow to chartreuse Coleus-like foliage is incredible on its own, but the purple bottlebrush flowers in mid summer tops it off beautifully. Wonderfully redolent of licorice, it perfumes the entire garden over a long season. Hot weather intensifies the scent. Irresistible to bees, butterflies and birds. Ideal for dried arrangements. Zones: 6-10

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

LICORICE BLUE - 5506

☞ **Perennial.** 36 in. - 62,000-68,000 S. *A. rugosa.* Very aromatic licorice scented leaves. 4-6 in. flower spikes on strong stems. A magnet for bees and butterflies. For fresh or dried use.

Weeks to flower: 10-12. Zones: 7

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

AGERATUM

Floss Flower

200,000 sds/oz 75°-80° 5 days

Will attract butterflies all season. After sowing, do not cover seeds with media. Cover seed flat with glass or plastic. Light will induce germination. Sow seed early to have good sized plants for spring. Use growth retardant for compact plants.

BLUE BLAZER - 1311

6 in. - 195,000 S. (F-1 Hybrid). Soft blue flowers. Uniform and compact growing habit. Outstanding garden performance.

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

BLUE DANUBE

Sorry, no longer available.

BLUE HAWAII 5.0

Sorry, no longer available.

BLUE HORIZON (PELLETED) - 1317PE

☞ 24-30 in. - (F-1 Hybrid). Mid-blue flowers on sturdy stems make this variety ideal as a cut flower. Vigorous grower with uniform, well branched habit. Best known cutting Ageratum.

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

CLOUD NINE SERIES

Sorry, no longer available.

RED FLINT - 1300

☞ 15-26 in. - 200,000 S. Flowers open to a bright red and darken to purple-red upon aging. Good vase life.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

AGERATUM (continued)

HIGH TIDE SERIES

14-16 in. - *A. houstonianum.* Taller and more vigorous; excellent landscape plant with strong branching. Good alternative to vegetatively propagated Ageratums. Weeks to flower: 12-14. PELLETED SEED.

Blue - 1293PE

Periwinkle Blue.

White - 1295PE

Clean white; slightly taller and more vigorous than blue.

Each of the above: (25E9)	25 sds - \$9.70
50 sds - \$17.80	100 sds - \$26.80
250 sds - \$54.00	500 sds - \$92.00

AGROSTEMMA

Rose Champion, Corn Cockle

5,000 sds/oz

CAUTION: SEED OR PARTS OF THE PLANT COULD BE TOXIC.

OCEAN PEARLS - 5486

☞ **Perennial.** 36 in. - 5,500 S. *A. githago.*

A favorite cottage garden staple. The epitome of grace and charm. Pure white 2 in. blossoms, sport fascinating dots lining the throat. Produces a hundred or more blooms on slender, upright stems that sway by the slightest breeze.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

PURPLE QUEEN - 5485

☞ 24-30 in. - 5,000 S. Rosy-purple with white speckled 2 in. flowers on willowy grey stems. Nice cut flower.

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

ALCHEMILLA

ROBUSTICA - 5655

☞ **Perennial.** 20-24 in. - 65,000 S. *A. mollis.* Attractive chartreuse-yellow flowers held in clusters above the scalloped shaped, velvety grey-green foliage famous for holding rain drops on its leaves looking like jewels for several hours. Well suited for commercial or home cut flowers or in dried arrangements. Zones: 4-7

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

THRILLER (ENHANCED) - 5524EN

☞ **Perennial.** 18 in. - 102,000 S. *A. mollis.* The grey-green hairy leaves are as decorative as the graceful lime-green flowers that are held in multiple clusters. Flowers June-July. For fresh or dried use. Enhanced seed for improved and more uniform germination. Zones: 3-7

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

ALLIUM

Persian Onion

7,000 sds/oz 70° 3 weeks

Freeze seeds for 5 days and refrigerate seed for 10 days before sowing. Light will help germination.

TUBEROSUM - 5171

Perennial. 10-12 in. - 7,000 S. Broad, grassy leaves with purple flowers are popular as a border plant. The mild garlic odor will help repel rabbits from the garden. Zones: 2-9

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

ALTERNANTHERA

17,000 sds/oz 72°-76° 3-5 days

Cover seed lightly with coarse vermiculite. Similar crop time and culture as cyclamen.

PURPLE KNIGHT - 1336

16-20 in. - 24,000 S. *A. dentata.* Seed version of a popular vegetative item. Striking dark purple foliage, with a spread of 24-36 in. Vigorous upright and spreading habit, excellent in mixed containers or as a border plant. Performs best in full sun to partial shade where foliage is the darkest; in light shade the foliage is more a bronze green. Exceptional heat tolerance, thriving in subtropical conditions. Weeks to flower: 11-12.

PURPLE PRINCE - 1334

14-16 in. - First compact seed variety is an easy to grow alternative to vegetative. Beautiful foliage item. Burgundy-purple with ruby rose underside for a bicolor look. Great in Summer landscapes. Stands tough in heat and humidity with low water needs. Makes a good spiller in mixed containers. Weeks to flower: 7-8.

Each of the above: (25F9)	25 sds - \$9.90
50 sds - \$18.65	100 sds - \$28.25
250 sds - \$57.13	500 sds - \$97.50

ALYSSUM

Lobularia Maritima

80,000 sds/oz 68°-72° 2-3 days

Will attract butterflies all season. We suggest you NEVER use Benlate on Alyssum. Do not cover seed after sowing, needs light to germinate.

CLEAR CRYSTALS SERIES

6-10 in. - 59,800 S. Big, fragrant flowers and strong garden performance. Film coated seed for ease of handling when sowing.

Lavender Shades - 1254

Purple Shades - 1255

White - 1256

Mixture - 1257

A well balanced mixture.

Each of the above: (30B9)	500 sds - \$7.30
1,000 sds - \$11.15	2,000 sds - \$16.70
5,000 sds - \$31.80	10,000 sds - \$53.55

ALYSSUM (continued)

EASTER BONNET SERIES

4 in. - 115,000 S. Covered with dainty, fragrant flowers, plants stay compact and tidy. Uniformity of habit and color with unsurpassed earliness. Excellent choice for borders and containers. Very nice in rock gardens and between flagstones. Weeks to flower: 9-10.

Deep Pink - 1341

Rich rosy pink.

Deep Rose - 1338

Lavender - 1339

Lemonade - 1389

(Formerly Allure Lemon Yellow).

Creamy, light yellow tones.

Peach - 1390

(Formerly Allure Bronze).

Pastel peach tones.

Violet - 1342

White - 1337

Mixture - 1343

(Formerly Easter Basket Mixture).

Complete mixture of all colors in the series.

MOUNTAIN GOLD - 5531

Perennial. 4-6 in. - 17,000 S. *A. montanum*. Forms low, trailing mounds of silvery-grey leaves bearing masses of golden-yellow flowers. Perfect for rock gardens or spilling over the edge of a rock wall or container. Zones: 3-9

Each of the above: (31B9) 1,000 sds - \$6.90
2,000 sds - \$9.90 5,000 sds - \$17.55
10,000 sds - \$28.60 25,000 sds - \$58.90

ROYAL CARPET - 1366

3-4 in. - 110,000 S. (All America Winner - 1953). Rich, violet-purple flowers on compact, spreading plants, 8-10 in. across.

5,000 sds - \$7.70 10,000 sds - \$11.10
25,000 sds - \$20.45 50,000 sds - \$36.70
(34A9)

SAXATILE COMPACTUM - 5532

Perennial. 8-12 in. - 30,000 S.

Aurinia saxatilis. (Gold Dust). Produces a carpet of lovely deep golden flowers. The spreading habit makes a perfect border edge or to cascade down walls. The flowers are said to bear the scent of sweet hay. Looks good on walls or in gravel. Zones: 3-7

1,000 sds - \$6.90 2,000 sds - \$8.20
5,000 sds - \$13.25 10,000 sds - \$20.60
25,000 sds - \$40.85 (31A9)

SNOW CRYSTALS - 1367

4 in. - 71,000 S. Larger pure white flowering than standard varieties. Early flowering with good shelf life.

1,000 sds - \$8.35 2,000 sds - \$13.60
5,000 sds - \$26.15 10,000 sds - \$44.60
25,000 sds - \$95.25 (31D9)

ALYSSUM (continued)

WONDERLAND SERIES

4 in. - 100,000 S. Very compact plant habit. A nice uniform growing variety.

Deep Purple - 1362

Deep Rose - 1358

Lavender - 1364

Pink - 1331

White - 1360

Mixture - 1361

Mulberry Mixture - 1332

A formula blend of Deep Purple, Lavender, Pink, and White.

Each of the above: (31A9) 1,000 sds - \$6.90
2,000 sds - \$8.20 5,000 sds - \$13.25
10,000 sds - \$20.60 25,000 sds - \$40.85

AMARANTHUS

45,000 sds/oz 70°-75° 10 days

Do not cover after sowing, needs light to germinate. Easily grown in dry, sunny locations and poor soil for the best color. Water sparingly after plants are established.

AURORA - 1279

☞ 24-60 in. - 38,500 S. Stunning contrast between the dark green lower leaves and the flower-like upper leaves-looking for all the world like an oversized, yellow poinsettia flower. Spectacular in a mass planting, especially when sunshine frames the soft yellow flowers against the dark green foliage.

250 sds - \$6.90 500 sds - \$11.20
1,000 sds - \$16.20 2,000 sds - \$26.40
5,000 sds - \$52.90 (29A9)

AUTUMN'S TOUCH - 1289

☞ 36-48 in. - 35,500 S. Blending perfectly into the late summer and autumn landscape, the giant 2-foot plumes atop this red amaranth combine soft pistachio-green and bronze tones to create restful, airy beauty in the sunny annual bed. The color shades form more intense green at the base to lighter celery hues and bronze at the tips. Unusual and so pretty. Perfect for cutting for fresh or dried arrangements, these massive blooms last for many weeks on the plant, delighting the songbirds who flock to feast on their seeds all fall.

1,000 sds - \$6.90 2,000 sds - \$9.90
5,000 sds - \$17.55 10,000 sds - \$28.60
25,000 sds - \$58.90 (31B9)

CASCADE SERIES

☞ 30 in. - 43,500 S. *A. caudatus*. (Love-lies-bleeding). Upright habit with long, cascading panicles.

Green - 1291 ☞

Red - 1287 ☞

Each of the above: (31A9) 1,000 sds - \$6.90
2,000 sds - \$8.20 5,000 sds - \$13.25
10,000 sds - \$20.60 25,000 sds - \$40.85

AMARANTHUS (continued)

DREADLOCKS - 1285

36 in. - 52,000 S. A showstopping plant that steals the scene in garden or vase.

A joyously bright, floriferous, unique plant you won't want to miss. Not only are its magenta blooms eye-catching bright, but its distinctively weeping habit sets it apart from every other plant in the annual bed and begs to be used in fresh and everlasting bouquets indoors. An upright plant but its flowerstems point straight down, however, reaching 3 feet to brush the garden floor. All along the stems, closely spaced, are borne magenta blooms in big, tight, rounded 1 1/2 in. clusters. Its unique architectural look makes a fine focal point for annual beds, and its bright blooms keep their color well.

Each of the above: (31A9) 1,000 sds - \$6.90
2,000 sds - \$8.20 5,000 sds - \$13.25
10,000 sds - \$20.60 25,000 sds - \$40.85

EARLY SPLENDOR - 1286

☞ 36-48 in. - 48,000 S. A. tricolor. Bright crimson red on bronze leaves. A remarkable improvement over Molten Fire or Aurora. Not only does color appear more than 2 weeks earlier, but is more brilliant than Molten Fire.

FLAMING FOUNTAINS - 1276

☞ **New for 2019** 48 in. - 41,500 S. A. tricolor. Vigorous and upright with lance-shaped leaves in bright red, crimson and bronze. Terminal flowers with flat tops are red or green. Ideal colorful border plant or in containers for patio accent.

Each of the above: (30A9) 500 sds - \$6.90
1,000 sds - \$9.35 2,000 sds - \$13.40
5,000 sds - \$24.40 10,000 sds - \$40.30

GREEN TOWER - 1271

44 in. - 35,000 S. This will make you do a double take and its design possibilities are almost endless. Each bloom column measures 16-20 in. long and several inches thick, every lot of space jammed with rich color. The stems are fascinating in fresh arrangements and can be dried for winter long color. They look like topiary, but these velvety columns never need shearing. Create an instant focal point for the annual bed or border and is at home among small shrubs and foliage plants as well.

1,000 sds - \$7.60 2,000 sds - \$11.80
5,000 sds - \$21.85 10,000 sds - \$36.60
25,000 sds - \$77.10 (31C9)

HOT BISCUITS - 1290

☞ 48-60 in. - 38,000 S. Fast growing, producing gorgeous, 2 ft. cinnamon orange plumes. Simple leaves and tiny flowers borne in dense, erect or pendulous, catkin-like inflorescences in summer and autumn.

Each of the above: (30A9) 500 sds - \$6.90
1,000 sds - \$9.35 2,000 sds - \$13.40
5,000 sds - \$24.40 10,000 sds - \$40.30

AMARANTHUS (continued on next page)

AMARANTHUS (continued)

OESCHBURG - 1281

☞ 40 in. - 52,000 S. *A. cruentus*. Striking, tall, upright, crimson spikes. Perfect for large scale arrangements. Weeks to flower: 12-15.

PERFECTA - 1277

★ *New for 2019* ☞ 48-60 in. - *A. tricolor*. A rainbow of bright foliage and tall, erect habit. The upper foliage is a brilliant display of scarlet and yellow, tops the base of yellow, green and chocolate-brown. Perfect for the back of the border, bedding or even among shrubs.

RED CATHEDRAL SUPERIOR - 1282

☞ 48-50 in. 45,500 S. *A. cruentus*. Huge, upright, blood red spikes on sturdy stems. Easy to grow, long-lasting flowers. For use fresh or dried.

Each of the above: (30A9) 500 sds - \$6.90
1,000 sds - \$9.35 2,000 sds - \$13.40
5,000 sds - \$24.40 10,000 sds - \$40.30

SHORT SERIES

☞ 41,000 S. *A. hypochondriacus*. Upright, long-lasting spikes for summer blooming. Full sun.

Green Thumb - 1324 ☞

24 in. - Vivid green.

Pygmy Torch - 1288 ☞

12-16 in. - Crimson.

Each of the above: (31A9) 1,000 sds - \$6.90
2,000 sds - \$8.20 5,000 sds - \$13.25
10,000 sds - \$20.60 25,000 sds - \$40.85

AMMOBIUM

50,000 sds/oz 65-68° 10 days

GRANDIFLORUM - 1335

☞ 24-30 in. - 55,500 S. Heat and drought resistant strawflower. Small, bright white, papery blooms with yellow centers top silvery, grey-green woolly stems. Plants are a bit rangy, but produce masses of blooms. For use in the border or for cutting.

1,000 sds - \$6.90 2,000 sds - \$9.90
5,000 sds - \$17.55 10,000 sds - \$28.60
25,000 sds - \$58.90 (31B9)

ANACYCLUS

Mount Atlas Daisy

30,000 sds/oz 60°-65° 2 weeks

Does not like wet conditions

DEPRESSUS

Garden Gnome - 5538 ①

Perennial. 6 in. - 33,000 S. *A. pyrethrum*. A cute little daisy for the rock garden, forming a low mat of very fine, ferny grey-green leaves. Short stems of white daisies appear in late spring, each with a yellow eye, the petals often painted red or purple on the back side. Very useful as a ground cover, borders or rock gardens. Zones: 5-7

250 sds - \$12.65 500 sds - \$24.70
1,000 sds - \$39.10 2,000 sds - \$68.40
5,000 sds - \$144.90 (29F9)

AMMI

35,000 sds/oz 65° 14 days

After sowing, do not cover seeds with media, light will help germination. Alternate temperature of 80° days and 65° nights.

DARA - 1384



★ *New for 2019* ☞ 36-50 in. - 18,000 S. *Daucus carota*. Attractive 3-5 in. lacy umbels atop strong, sturdy, upright stems. Flowers in shades of dark purple, pink, or white. Highly productive with 7-15 stems per plant. Long lasting in bouquets. Outstanding cut flower that's actually an ornamental carrot.

250 sds - \$6.90 500 sds - \$11.20
1,000 sds - \$16.20 2,000 sds - \$26.40
5,000 sds - \$52.90 (29A9)

GREEN MIST - 1371

☞ 30-36 in. - 43,000 S. *A. visnaga*. Pretty 4 - 4 3/4 in. pale green to white flower heads of heavy substance. Very useful as a cut flower.

1,000 sds - \$7.60 2,000 sds - \$11.80
5,000 sds - \$21.85 10,000 sds - \$36.60
25,000 sds - \$77.10 (31C9)

MAIUS - QUEEN ANNE'S LACE - 1370

☞ 36 in. - 45,000 S. Beautiful white flowers on 6 in. flattened clusters. Very easy to grow. An excellent cut flower. (34A9)

5,000 sds - \$7.70 10,000 sds - \$11.10
25,000 sds - \$20.45 50,000 sds - \$36.70

QUEEN OF AFRICA - 1372

☞ 40-60 in. - 48,000 S. Even growth, strong stems, no yellowing of leaves and high quality 4-6 in. lacy, white flowers. Ideal for greenhouse cut flower use.

1,000 sds - \$7.60 2,000 sds - \$11.80
5,000 sds - \$21.85 10,000 sds - \$36.60
25,000 sds - \$77.10 (31C9)

ANCHUSA

10,000 sds/oz 70° 3 weeks

BLUE BIRD (BLUE ANGEL) - 1363

12 in. - 12,000 S. (All America Winner - 1935). A fine annual with upright branching stems bearing clusters of indigo-blue flowers. Fine for beds, borders and cutting. Easy to grow.

1,000 sds - \$9.10 2,000 sds - \$15.40
5,000 sds - \$30.50 10,000 sds - \$52.60
25,000 sds - \$113.35 (31E9)

ANEMONE

Windflower

60°-65° 3 weeks

Best time to sow is in early spring. Freeze seed for 5 days. Five petaled flowers are borne on thin stems, and have large toothed leaves at their bases. Blooms April-July.

PULSATILLA - 5545

Perennial. 8 in. - 11,000 S. *A. vulgaris*. (Pasque Flower). Clean seed. The lovely violet-purple flowers appear in early spring, the silken, finely cut foliage appears next, then more blossoms. Does well in a dry location. Zones: 5-7

250 sds - \$8.15 500 sds - \$13.90
1,000 sds - \$20.80 2,000 sds - \$34.80
5,000 sds - \$71.40 (29B9)

SYLVESTRIS - 5027

☞ **Perennial.** 12 in. - 57,000 S. *A. sylvestris*. (Madonna). Clean seed. Early flowering. Delicate nodding white flowers appear over a low mound of ferny foliage. Makes a useful over-planting for Narcissus or tulips, helping to disguise the bulb foliage in summer. Zones: 2-9

100 sds - \$8.25 200 sds - \$13.35
500 sds - \$25.40 1,000 sds - \$41.50
2,000 sds - \$76.00 (28D9)

ANGELONIA

72°-75° 5 days

Do not cover or bury seeds. Light will help germination, seeds will not germinate in the dark. Keep soil moist but do not saturate during germination.

SERENA SERIES

10-12 in. - (F-1 Hybrid). *A. angustifolia*. First Angelonia from seed. Continuous bloomer, branches well with no deadheading required. Will be more vigorous and taller in hot and humid areas. Low maintenance and easy care in landscape. Weeks to flower: 14-17. PELLETTED SEED.

Blue - 1216PE

Purple - 1214PE

Rose - 1218PE ★ *New for 2019*

Deep rose with dark eye.



White - 1215PE

Mixture - 1211PE All colors in series.

Waterfall Mixture - 1217PE

Includes purple, white and sky blue, which is not yet available as a separate color.

Each of the above: (25H9) 25 sds - \$10.75
50 sds - \$20.35 100 sds - \$31.10
250 sds - \$63.40 500 sds - \$108.50

ANGELONIA (continued)

SERENITA SERIES

10-14 in. - (F-1 Hybrid). More compact than Serena. Great branching and fullness with no pinching required. Elegant and tough in the landscape, garden border or container. Brings long lasting color with very little maintenance. Heat tolerant. Deer and rabbit resistant. Weeks to flower: 13-15. PELLETED SEED.

Lavender Pink - 1221PE

Slightly more rose pink than lavender.

Pink - 1226PE (All America Winner - 2014). Unique deep pink.

Purple - 1222PE Rich purple, slightly deeper than Serena Purple.

Raspberry - 1223PE

Rose - 1228PE  *New for 2019*

Deep to mid-rose shades.

Sky Blue - 1227PE

Attractive color. Lighter than Serena Blue and distinctive from Serenita Purple.

White - 1224PE Pure white.

Mixture - 1225PE

A complete formula mixture.

Each of the above: (25H9)	25 sds - \$10.75
50 sds - \$20.35	100 sds - \$31.10
250 sds - \$63.40	500 sds - \$108.50

ANTHEMIS

Hardy Marguerite

30,000 sds/oz 65°-70° 3 weeks

Relatively drought tolerant, and adapts well to poor soils. Removing faded flowers regularly will greatly increase blooming time. If plant becomes floppy in mid-summer, shear them back to 6 inches to rejuvenate.

ST. JOHANNIS - 5549

  **Perennial.** 24 in. - 31,000 S.

A. sancti-johannis. A bushy mound of ferny green scented foliage, bearing loads of small bright golden orange daisies.

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)


AQUILEGIA

Columbine, Granny's Bonnet

15,500 sds/oz 80° day - 70° night 3 weeks

For best germination, refrigerate seeds for a few weeks before sowing. Light helps germination. Sow seeds and do not cover with media. Maintain 70° night and 80° day soil temperature with even moisture. Blooms May-July. Will attract hummingbirds all season and repel deer and rabbits from the garden. The State flower of Colorado.

ALPINA - 5555


 **Perennial.** 18 in. - 17,000 S. *A. alpina.*


Compact with small clusters of charming, bonnet-shaped blue flowers with stubby inch-long spurs and yellow anthers on slender stalks. Zones: 4-7

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)


AQUILEGIA (continued)

BARLOW SERIES

 **Perennial.** 30 in. - 17,500 S. *A. vulgaris.* First series with fully double, spurless flowers, the highly uniform plants produce 3-5 stems in the first year and 5-10 stems in the second year. In the garden, the attractive plants and wide color spectrum are good for backgrounds and home cut flower gardens. Zones: 3-9

Nora - 5558 

Pink and white flowers with touches of red and green.

Mixture - 5033 


Each of the above: (28A9)	100 sds - \$6.90
200 sds - \$10.20	500 sds - \$16.85
1,000 sds - \$26.50	2,000 sds - \$47.20

BIEDERMEIER MIXTURE - 5560

Perennial. 16 in. - 18,000 S. *A. sibirica.* Spurred double and single, star-shaped upward facing flowers. Colors include bright shades of Cream, Deep Red, Lilac, Pink and Violet. Ideal for border gardens, rock gardens and a source of nectar to attract birds and butterflies. Zones: 2-8


500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

CANADENSIS - 5562

 **Perennial.** 18 in. - 30,000 S. *A. canadensis.* (Eastern Columbine). A nodding, red and yellow flower with upward spurred petals alternating with spreading, colored sepals and numerous yellow stamens hanging below petals. The compound leaves, divided into round-lobed threes and are attractive in their own right. Zones: 3-8


250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

CHRYSANTHA - 5557

 **Perennial.** 30 in. - 24,500 S. *A. chrysantha.* (Golden Queen). Mounds of mid-green, maidenhair-like foliage and large, soft golden-yellow flowers. The large blooms, each with long swept back spurs are upward facing and can measure 3 in. across.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)


GRANDMOTHERS GARDEN - 5066

 **Perennial.** 24-30 in. - 17,000 S. *A. vulgaris.* Frilly, nodding flowers have short, hooked spurs that are different from the hybrids which have long, pointed spurs. This is a lovely vintage variety with a mix of pale rose, violet, and wine-red flowers. Zones: 3-9

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)


AQUILEGIA (continued)

MC KANA'S GIANT - 5564

 **Perennial.** 24 in. - 22,000 S. *A. caerulea.* (All America Winner - 1955). Large, showy extra long-spurred flowers in a gay mixture of colors. One of the showiest of all columbines. Zones: 3-9

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

ORIGAMI SERIES

 **Perennial.** 14-16 in. - 19,500-25,000 S. *A. caerulea.* (F-1 Hybrid). Earliest blooming series in its class. First year blooming, minimal vernalization required. Weeks to flower: 20-24. Zones: 4-8


Blue And White - 5056 

Red And White - 5058 

Each of the above: (25B9)	25 sds - \$7.90
50 sds - \$13.50	100 sds - \$19.70
250 sds - \$38.40	500 sds - \$64.50

Pink And White, White, Yellow, Mixture - Sorry, no longer available.

SONGBIRD CARDINAL - 5034

 **Perennial.** 28 in. - 19,500-26,000 S. *A. hybrida.* (F-1 Hybrid). Very early flowering beautiful 2 1/2 -3 in. flowers that have dark red sepals with white petals in late spring and early summer with compact growth habit. An outstanding series that will flower the first year. Weeks to flower 26-32. Zones: 3-9

25 sds - \$8.65	50 sds - \$15.20
100 sds - \$22.55	250 sds - \$44.65
500 sds - \$75.50	(25C9)

STAR RED (CRIMSON STAR) - 5552

Perennial. 24 in. - 27,000 S. *A. caerulea.* Beautiful red and white bicolor. Very early to flower, long spurred 4 in. flowers. Heat and weather tolerant. Zones: 3-9

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

STAR BLUE

Sorry, no longer available.

SWAN SERIES

Sorry, no longer available.

WINKY SERIES SINGLE PINK

Sorry, no longer available.

YELLOW QUEEN - 5680

Perennial. 30 in. - 27,000 S. *A. chrysantha.* An awesome number of large, long spurred, fresh lemon-yellow flowers over very attractive fern-like leaves. The most bloomiferous and longest bloomer of all varieties. Zones: 3-10

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

ARABIS

Rock Cress
70,000 sds/oz 2 weeks

Light will germination. Beautiful in rock gardens. Blooms April - July. Will attract butterflies all season. Ideal for planting around banks or ponds.

ALPINA SNOWCAP - 5566

Perennial. 6 in. - 105,000 S. *A. caucasica*. A dwarf, mat forming evergreen literally covered with pure white flowers from mid spring into summer. Beautiful as a ground cover or in a rock garden. Zones: 4-9

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

COMPINKIE - 5568

Perennial. 6 in. - 108,000 S. *A. caucasica*. A vigorous evergreen produces a mat of tiny, fuchsia-pink, each mildly fragrant with small, oval, light gray-green leaves that are slightly hairy and held on loose rosettes along trailing stems. Zones: 5-8

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

SPRING CHARM - 5567

Perennial. 6 in. - 64,000 S. *A. blepharophylla*. Blanketed is stunning lightly-scented pink daisy flowers with white overtones and lemon yellow eyes at the ends of the stems. The small narrow leaves remain green in color throughout the year. Zones: 5-9

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)

ARENARIA

Sandwort
18,000 sds/oz 65°-70° 2 weeks

Low, alpine cushion plant with small, white flowers that resemble 5-pointed stars. Easily grown in rock gardens or as a ground cover. Thrives under moist conditions.

MONTANA - 5571

Perennial. 6 in. - 23,000 S. *A. montana*. A very classy little alpine or rock garden plant, that forms a low evergreen cushion of dark green leaves, bearing loads of rather large snowy-white flowers. Great for edging paths, between flagstones, in walls or trough gardens. Blooms April-July. Zones: 2-9

250 sds - \$11.50	500 sds - \$22.00
1,000 sds - \$34.50	2,000 sds - \$60.00
5,000 sds - \$126.50	(29E9)

ARMERIA

Thrift, Sea Pinks
28,000 sds/oz 60°-65° 2 weeks

For the best germination, soak seeds in water 48 hours before sowing. Full sun and dry, light soil with good drainage. A low, mounding plant with grass-like evergreen leaves. Long stems bear 1 in. in diameter spherical heads with many small 5-petaled flowers. Blooms May-August.

BALLERINA SERIES

① **Perennial.** 6-8 in. - 25,000 S. *A. pseudarmeria*. Clean seed. This variety is early flowering and will produce an abundance of beautiful ball-shaped flower heads on short, strong stems. High in uniformity and compactness habit with heat tolerance. Weeks to flower: 12-14. Zones: 7-9

Lilac - 5145 ①

Red - 5146 ①

Each of the above: (28F9)	100 sds - \$9.40
200 sds - \$17.10	500 sds - \$31.10
1,000 sds - \$51.50	2,000 sds - \$95.20

MARITIMA SPLENDENS - 5573

Perennial. 8 in. - 35,000 S. *A. maritima*. Clean Seed. Compact, dense, tufted evergreen with stiff, grass like dark green leaves and slender, erect stems bearing compact, rounded clusters of reddish-pink flowers. Zones: 3-9

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

MORNING STAR SERIES

① **Perennial.** 6 in. - 50,000 S. *A. maritima*. Free flowering compact habit. A multitude of long lasting flowers held above deep green grass like foliage. Very intense colors. A spring flowering favorite. Great for containers, rock gardens and borders. Weeks to finish: 16-20. Zones: 4-8

Deep Rose - 5118 ①

White - 5114 ①

Each of the above: (28B9)	100 sds - \$6.90
200 sds - \$11.60	500 sds - \$19.70
1,000 sds - \$31.50	2,000 sds - \$56.80



Armeria Ballerina Lilac



Armeria Ballerina Red

ARUNCUS

Goat's Beard
235,000 sds/oz 60° 15-20 days

Easily grown in average, medium to wet, well-drained soil in full sun to part shade. Prefers part shade, particularly in the southern part of its growing range and moist fertile soils.

DIOICUS - 5578

⊗ **Perennial.** 60 in. - 235,000 S. *A. dioicus*. Dense feathery plumes of tight creamy-white flowers rise well above the decorative finely-cut foliage. Will create a bold, showy effect for a moist or partly shaded spot all season. Excellent for backgrounds or grouped in a woodland setting. Blooms May-July. Zones: 3-9

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

NOBLE SPIRITS - 5640

Perennial. 10 in. - 250,000 S. *A. aethusifolius*. Very compact habit with elegant ferny leaves that are held in a neat dense globular habit. Plants are covered with many astilbe-like white spikes. Easy to grow. After flowering, the flower spikes fade to decorative red as the seed pods ripen.

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

ASARINA

Twining Snapdragon
100,000 sds/oz 70° 15 days

For the best germination, cover seeds lightly. Light will help germination.

JOAN LORAINE - 1012

Climber. 48-96 in. - 83,000 S. *A. scandens*. From Mexico comes this beautiful and graceful climber with attractive soft green leaves, bearing large 2 in. deep purple-blue flaring trumpets. Fast growing and great on a trellis, in pots, or climbing over a rock wall.

SKY BLUE - 1013

Climber. 60 in. - 83,000 S. *A. scandens*. Easy to grow. Large 2 in. Gloxinia shaped flowers in a beautiful shade of sky blue are held above deep green foliage on twining stems. Grows in full to part sun. Makes excellent container plants trailing from baskets and window boxes.

Each of the above: (26A9)	50 sds - \$7.20
100 sds - \$11.75	250 sds - \$21.15
500 sds - \$32.15	1,000 sds - \$54.65



Asarina Joan Lorraine

Personal service is the foundation of our business since 1932.

ASCLEPIAS

Milkweed

3,500 sds/oz 65°-75° 3 weeks

Light will help germination. Blooms June - September the same year from sowing. Will attract butterflies and hummingbirds all season. Nice cut flower with long vase life. Seal the ends of the cut stem over a flame to stop the milky sap from leaking out. Asklepios is the Greek god of healing.

CINDERELLA (ROSE) - 5125

☞ ① Perennial. 36-40 in. - 25,000 S.

A. incarnata. (Swamp Milkweed).

So fragrant, colorful and carefree. Vanilla scented flowerheads are 2 in. across arise among the long, lush leaves all summer long and often right into fall. A magnet for butterflies. If you can bear to cut them, the cherry-rose blooms are long-lasting in fresh and dried bouquets. Zones: 3-8

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

GAY BUTTERFLIES MIXTURE - 5046

☞ ① Perennial. 36-48 in. - 6,000 S.

A. tuberosa. (Butterfly Milkweed).

Tiny blossoms in shades of orange, red, pink or lemon yellow. Will attract butterflies all season. Weeks to flower: 12-16. Zones: 4-9

50 sds - \$9.90	100 sds - \$18.65
250 sds - \$36.40	500 sds - \$57.15
1,000 sds - \$99.65	(26E9)

HELLO YELLOW - 5108

☞ Perennial. 20 in. - 4,400 S. A. tuberosa. (Butterfly Milkweed). This drought-tolerant deciduous species makes a mound of stems clothed with index finger-sized green leaves. The flower colors range from lemony yellow to tangerine/yellow, you won't know until they flower which shade of yellow they will be. Zones: 4-9

25 sds - \$8.65	50 sds - \$15.20
100 sds - \$22.55	250 sds - \$44.65
500 sds - \$75.50	(25C9)

ICE BALLET (WHITE) - 5591

☞ ① Perennial. 40-48 in. - 5,000 S.

A. incarnata. (Swamp Milkweed). Forms gorgeous clouds clustered with small, fragrant tiny white 1/4 in. flowers.

After the flowers come attractive seed pods, which release silky-haired seeds borne by the wind. Zones: 3-8

MILKMAID - 5126

☞ ① Perennial. 40 in. - 4,000 S.

A. incarnata. (Swamp Milkweed).

Beautiful clusters of creamy-white diminutive flowers atop medium-green, strong stems surrounded by spear shaped foliage with lighter green midribs and lacy veining. Zones: 3-8

Each of the above: (28B9)	100 sds - \$6.90
	200 sds - \$11.60
	500 sds - \$19.70
	1,000 sds - \$31.50
	2,000 sds - \$56.80

ASCLEPIAS (continued)

PHYSOCARPUS HAIRY BALLS - 5614

☞ ① Perennial. 42-48 in. - 5,500 S.

syn. Gomphocarpus p. (Balloon Cottonbush). A tender perennial grown primarily for the large, rounded spiny fruits on long arching stems. Tall slender plants with insignificant flowers. Pinching plants at an early stage will promote side shoot development. Zones: 7-9

RED BUTTERFLY - 5501

☞ ① Perennial. 28 in. - 11,000 S.

A. curassavica. (Silkweed). Unusual clusters of flat umbels with red corollas and bright orange hood. Thrives in hot weather. Zones: 7-10

SILKY SERIES

☞ ① Perennial. 24 in. - 10,000 S.

A. curassavica. (Silkweed). Attractive blooms make an excellent cut flower.

Bred for greenhouse or outdoor summer production. Prefers a warm, dry location. Typically grown as an annual. Zones: 8-11

Deep Red - 6684 ☞ ①

Deep red with bronze foliage.

Gold - 5500 ☞ ① Golden-yellow flowers.

Each of the above: (28B9)	100 sds - \$6.90
	200 sds - \$11.60
	500 sds - \$19.70
	1,000 sds - \$31.50
	2,000 sds - \$56.80

SOULMATE (ROSE) - 5107

☞ ① Perennial. 40 in. - 6,500 S. A. incarnata. (Swamp Milkweed). Tall, upright clump of long green leaves, bearing clusters of cherry-rose flowers with a tiny white center. A delightful vanilla fragrance are a favorite to butterflies. Seed pods are nice in dried arrangements, and may be picked just before they open. Good for cutting. Zones: 3-8

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

SYRIACA - 5106

☞ ① Perennial. 30-60 in. - 4,000 S.

A. syriaca. A must for any butterfly garden. Butterflies' favorite plant and will bring many winged friends to your garden or meadow. Leaves are glossy and thick, the large flower can vary in color from nearly white to deep pink-purple. The fragrance is very delicate and pleasing and numerous native pollinators will benefit during its long bloom time. It's beautiful and dependable. Very drought tolerant. Zones: 3-8

100 sds - \$9.40	200 sds - \$17.10
500 sds - \$31.10	1,000 sds - \$51.50
2,000 sds - \$95.20	(28F9)



Asclepias Physocarpus Hairy Balls

ASCLEPIAS (continued)

TUBEROSA - 5576

☞ ① Perennial. 24 in. - 7,000 S.

A. tuberosa. (Butterfly Milkweed).

Perennial plant of the year. A virtually hassle-free, very long lived perennial, offering three months of tangerine-orange blooms (occasionally red or yellow) from early spring through late summer.

Excellent for dry spots in the border or on the banks. Zones: 4-9

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

ASPARAGUS

For the best germination results, we suggest scratching the seed coat on a sheet of sandpaper and soaking in warm water for 72 hours before sowing. Change the water daily. Direct seed in pots or plugs, cover 1/8 in. with medium vermiculite. Keep moist, 80° soil temperature over the 3 week germination period.

MEYERII - 1379

500 S. A. densiflorus. (Foxtail Fern).

An unusual and novel pot plant. Long, upright, plume-like stems hold soft, needle-like leaves. Develops red ornamental berries in fall. Semi-evergreen in mild winter regions; use in containers and overwinter indoors in cold winter regions. Handling and germination is similar to Sprengeri but growth is slightly slower.

25 sds - \$7.90	50 sds - \$13.50
100 sds - \$19.70	250 sds - \$38.40
500 sds - \$64.50	(25B9)

PLUMOSUS NANUS - 1378

☞ 1,000 S. A. setaceus. A beautiful foliage plant with feathery leaves growing on cascading vines. The plant bears white flowers and red berries in the summer months. Great container or indoor growing plant.

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

SPRENGERI - 1377

600 S. A. densiflorus. Trailing stems of feathery, needle-like foliage. Ideal as a beautiful house plant for a hanging basket. Great for pots and planters. Creates the perfect complement to flowery companions or other foliage.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)



Asclepias Cinderella

ASTER

12,000 sds/oz 70° 1 week

Will bloom in about 90 days from seeding without any supplemental lighting, as they are day length neutral. For Pots and Bedding. For spring bedding, sow 6-8 weeks before selling season. Will attract butterflies and songbirds all season.

GIANT PRINCESS MIXTURE - 1463

✂ 30 in. - 13,000 S. The breeder of these giant flowered Asters was awarded with more than 40 gold medals in Germany and other foreign exhibitions. Fully double flowers with crested or cushioned Anemone centers, approx. 5 in. across are carried on strong stems. A very valuable class for cut flower purposes, blooming late in August.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

HULK (LIME GREEN) - 1454

✂ 20-24 in. - 9,500 S. No petals, only long green bracts around 1-1/2 in. yellow centers. Numerous sturdy stems, long-lasting vase life.

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

MATSUMOTO SERIES

✂ 24-30 in. - 11,000-18,000 S. Intense colors with distinct yellow centers. Bred from the original Kurenai types. The flowers are about 2 in. in diameter, upright flowering, strong stems, and heat resistant. Excellent cut flower.

Scarlet - 1420 ✂

Mixture - 1419 ✂

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

Blue - Discontinued. As a substitute, we suggest Matsumoto Mixture.

POWDERPUFFS MIXTURE - 1455

✂ 24 in. - 17,000 S. Ideal market cutter and shipper. Plants strictly upright, bearing quilled flowers on long stems. Habit allows entire plant to be cut as one bunch.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

PRINCESS MIXTURE - 1494

✂ 28 in. - 13,000 S. Outstanding cut flower. A proven cut variety with strong, well-branched habit. The tubular flowers are encircled by a ring of broad petals. The 4 in. dome-shaped flower heads are heightened by an attractive light colored center. Well suited as a bedding plant or commercial cut flower use.

Each of the above: (29C9)	250 sds - \$9.25
500 sds - \$16.60	1,000 sds - \$25.35
2,000 sds - \$43.20	5,000 sds - \$89.75

ASTER (continued)

POT N PATIO MIXTURE - 1405

6 in. - 12,000 S. Dark green, bushy, uniform, dwarf plants produce fully double, rounded blooms in blue, pink, scarlet and white.

Each of the above: (29C9)	250 sds - \$9.25
500 sds - \$16.60	1,000 sds - \$25.35
2,000 sds - \$43.20	5,000 sds - \$89.75

ASTER, HARDY

19,000 sds/oz 70°-75° 2-3 weeks

For the best germination, refrigerate seed for 5 days before sowing. Light will help germination. Blooms May - August the same year from sowing. Nice cutflower. Will attract butterflies and songbirds all season and will help repel deer.

GOLIATH - 5582

Perennial. 12-15 in. - 19,000 S. A. alpinus. Beautiful pale lilac - blue daisy-like flowers with yellow eyes at the ends of the stems. Slender ray petals and golden discs are singly borne atop short, sparsely leaved stems. Perfect for the rock garden or the edge of a path. Deer resistant. Zones: 2-9

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

MIXTURE - 5581

Perennial. 12 in. - 20,000 S. A alpinus. Lavender, blue and white flowers. Ideal rockery plant, blooms in early summer. Zones: 2-7

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

SEPTEMBER RUBY - 5585

✂ ① **Perennial.** 36-48 in. - 50,000 S. A. novae-angliae. (New England Aster). Vivid ruby-rose flowers with large yellow-orange centers on tall arching stems. Rich green, lance-shaped foliage. Pares nicely with ornamental grasses. Zones: 4-8

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

ZIG ZAG - 5586

✂ **Perennial.** 36 in. - 50,000 S. A. prenanthoides. One of the handsomest wildflower for fall. Named after the curious twist in its leaves, but the real news here is the flowers. They are a lovely pastel lavender with a stunning bright yellow center, and they are not tiny. The blooms are much like other favorites, making it perfect for your wildflower garden. Great color for late season. Zones: 3-8

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

ASTRANTIA

Masterwort

7,000 sds/oz 60° 15-20 days

For best germination, freeze seed for 5 days before sowing and darkness will help germination. Alternate soil temperature 60° days, 50° nights. Nice cut flower. Will flower June-August.

ROSE - 5604

✂ **Perennial.** 30 in. - 8,000 S. A. major. (Rose Symphony). Beautiful bright rose-red flowers have a shimmering metallic quality. Strong upright stems. Zones: 4-8

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

AUBRIETIA

Rock Cress

100,000 sds/oz 65° - 70° 2 weeks

After sowing, light will help germination. Likes semi-shade. Fine for the border, bed or rockery where spreading plants are desired. Starts blooming in early spring. Outstanding garden performance. Beautiful in rock gardens. Will bloom April-June.

CASCADE SERIES

Perennial. 4 in. - 68,500 S. A. deltoidea. (Royal Cascade). An old and reliable variety that produces large flowers. Forms a low carpet of evergreen leaves, literally smothered by flowers. Zones: 4

Blue - 5600

Red - 5603 Carmine-red.

Each of the above: (30B9)	500 sds - \$7.30
1,000 sds - \$11.15	2,000 sds - \$16.70
5,000 sds - \$31.80	10,000 sds - \$53.55

LARGE FLOWERED

Grandiflora Mix - 5593

Perennial. 6 in. - 77,000 S. A. hybrida. Beautiful, large flowers in shades of blue, lavender, pink, purple and rose. Wonderful groundcover, smoothing the area in blooms, creating a stunning backdrop for spring flowering bulbs. Excellent in the rock garden. Zones: 4-9

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

PURPLE GEM - 5597

Perennial. 6 in. - 50,000 S. A. grandiflora. Compact plants with glowing purple, four petal flowers which bloom in spring and again in late summer. Makes a lively edging in a sunny border. Lovely spilling out of crevices or over rocks. Zones: 4-8

WHITWELL GEM - 5595

Perennial. 6 in. - 50,000 S. A. grandiflora. Glowing purple color makes this traditional favorite rockery plant. Makes a lively edging in a sunny border. Flowers vary from shades of purple to violet, over grey-green leaves. Excellent choice for a rock garden in sun or part shade, growing over rock walls, or in alpine troughs and other containers. Zones: 4-8

Each of the above: (31B9)	1,000 sds - \$6.90
2,000 sds - \$9.90	5,000 sds - \$17.55
10,000 sds - \$28.60	25,000 sds - \$58.90

30% Discount Off your Seed Orders
of \$500 or more when booked by Oct 31st!
PLUS! 30% off future orders of \$250 or more until June!

BALSAM

COLOR PARADE MIX - 1488

12-18 in. - 3,000 S. *Impatiens balsamina*. (Tom Thumb). 10-12 days. More dwarf and compact than regular Bush Balsam with larger double flowers well displayed above the foliage.

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

BAPTISIA

False Indigo

1,700 sds/oz 70° 3 weeks

Soak seed in warm water 48 hours and freeze for 5 days before sowing. Will attract butterflies all season.

AUSTRALIS - 5611

☞ **Perennial**. 24 in. - 2,000 S. *B. australis*. (Blue False Indigo). A spectacular specimen in the flower garden. Blue-green foliage resembles a small rounded bush with tall spikes of deep blue, lupine-like flowers. Showy large charcoal black seed pods appear in late summer that are often used in flower arrangements. Not fond of lime. Adaptable to the seashore. Deer resistant. Zones: 3-9

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

WHITE - 5610

☞ **Perennial**. 48 in. - 2,000 S. *B. leucantha*. (White False Indigo). Spikes of creamy-white flowers towering above mounds of sea-green foliage. Black seed pods develop from the flowers in late summer. Attractive accent plant in a wildflower garden. Makes an excellent background for other late-flowering perennials. Zones: 3-8

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)



Bacopa Pinktopia * New for 2019



Bacopa Utopia

BEGONIA

2,000,000 sds/oz 75° - 80° 2 - 3 weeks

Sow November -February for May-June sales. Seed germinates best if soil temperature is kept at 75°-80° during germination period, with bottom heat. Well cleaned seed from specialists. Use a non-acid peat for germination; no covering over the seed, except paper for shade until they sprout. Keep surface of flat moist. Should be grown at 60° to keep them moving, need shade during the summer, a well shaded house high in humidity is recommended. Sow during November/December and January for 3 in. and 4 in. for spring sales. A strong 3 in. pot can be produced from seed in about 4 months. Makes a nice inexpensive pot plant through out the year for your retail trade. (Start to feed seedlings lightly as soon as they are established. Be sure to protect the tender leaves from direct sunlight.)

BABYWING SERIES

12-15 in. - (F-1 Hybrid). Leaves are shaped like the original Dragonwing, but is more upright and 2 weeks earlier to flower. Extremely heat and stress tolerant; prefers part sun to full shade. Weeks to flower: 12-15. PELLETTED SEED.

Bicolor / Green Leaf - 1502PE

Novelty color. There is a hint of orange that adds an orange glow to each flower. Slightly smaller flowers than others in the series but very floriferous.

Pink / Green Leaf - 1512PE Light pink flowers with rose colored buds.

White / Bronze Leaf - 1506PE

White / Green Leaf - 1511PE

Each of the above: (25G9)	25 sds - \$10.40
50 sds - \$19.55	100 sds - \$29.65
250 sds - \$60.25	500 sds - \$103.00

BACOPA

BLUTOPIA (MULTI-SEED) - 1793MP

6 in. - (F-1 Hybrid). *Sutera cordata*. Eye catching lavender-blue flowers. Trailing habit with slightly smaller leaves and more rounded than Snowtopia. MULTI-SEED PELLETT contains 5-6 seeds per pellet.

PINKTOPIA (MULTI-SEED) - 1789MP

* **New for 2019** 6 in. - (F-1 Hybrid). *Sutera cordata*. Bright pink with leaf size the same as Snowtopia, but the leaf color is more bright green than both Blutopia and Snowtopia. Great color for mixed containers and large planters. MULTI-SEED PELLETT contains 5-6 seeds per pellet.

SNOWTOPIA (MULTI-SEED) - 1794MP

6 in. - (F-1 Hybrid). *Sutera cordata*. Beautiful white flowers. Trailing habit with larger leaves and more prostrate than Blutopia. MULTI-SEED PELLETT contains 5-6 seeds per pellet.

Each of the above: (25F9)	25 sds - \$9.90
50 sds - \$18.65	100 sds - \$28.25
250 sds - \$57.13	500 sds - \$97.50

BACOPA, FUSEABLES

MULTI-SPECIES COLLECTION

Specially formulated to deliver a balanced mix of single species choices. Perfect for growing in color bowls, hanging baskets or large patio containers. MULTI-SEED PELLETT which will include multiple seeds of each variety in one easy to sow pellet.

Utopia (multi-seed) - 1792MP

Includes Blutopia and Snowtopia.

25 sds - \$10.75	50 sds - \$20.35
100 sds - \$31.10	250 sds - \$63.40
500 sds - \$108.50	(25H9)

BEGONIA (continued)

BADA BING SERIES

8-10 in. - (F-1 Hybrid). GREEN FOLIAGE. 10-14 days earlier than the market leaders. Very uniform to flower across the series. Strong branching habit fills in packs and pots quickly. Loaded with flowers. Perfect for big beds with multiple light conditions. Weeks to flower: 12-14. PELLETTED SEED.

Pink - 1528PE

Rose - 1529PE

Rose Bicolor - 1530PE

Scarlet - 1531PE

White - 1532PE Improved for 2019!

Mixture - 1533PE

Complete mixture of all colors.

BADA BOOM SERIES

8-10 in. - (F-1 Hybrid). BRONZE FOLIAGE. 10-14 days earlier than the market leaders. Very uniform to flower across the series. Strong branching habit fills in packs and pots quickly. Loaded with flowers. Perfect for big beds with multiple light conditions. Weeks to flower: 12-14. PELLETTED SEED.

Pink - 1549PE

Rose - 1550PE

Rose Bicolor - 1554PE

Scarlet - 1551PE

White - 1552PE

Mixture - 1553PE

Complete mixture of all colors.

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

BIG SERIES

12 in. - (F-1 Hybrid). *B. x benariensis*. Early flowering. This series offers big flowers, big container appeal and even bigger landscape potential. Large, showy flowers above glossy bronze and green foliage. Season long color in sun and shade. BIG series is a must have for any grower. Weeks to finish: 14 weeks for 6 in. pots. Color can be reached in as little as 12 weeks. PELLETTED SEED.

Pink / Bronze Leaf - 1692PE * New for 2019

Pink / Green Leaf - 1694PE

Red / Bronze Leaf - 1695PE

Red / Green Leaf - 1696PE

Rose / Bronze Leaf - 1697PE

Rose / Green Leaf - 1693PE

Each of the above: (25I9)	25 sds - \$11.15
50 sds - \$21.25	100 sds - \$32.50
250 sds - \$66.50	500 sds - \$114.00

BEGONIA (continued on next page)

BEGONIA (continued)

COCKTAIL VODKA (PELLETED) - 1565PE

6 in. - (F-1 Hybrid). Glossy bronze leaf that produces bright red blossoms with touches of yellow in the center bloom. Very early to flower with uniform compact habit.

Sun and weather resistant.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

DRAGON WING SERIES

12 in. - (F-1 Hybrid). Green foliage. Very heat tolerant angel-wing type specimen that is outstanding in hanging baskets, containers or bedding. Large, wing shaped glossy green foliage. PELLETED SEED.

Pink - 1501PE

Red - 1500PE Large scarlet flowers.

Each of the above: (25G9)	25 sds - \$10.40
50 sds - \$19.55	100 sds - \$29.65
250 sds - \$60.25	500 sds - \$103.00

GRYPHON (MULTI-SEED) - 1536MP

14-16 in. - (F-1 Hybrid). B. x hybrida. FOLIAGE BEGONIA. Unique, tropical appearance. Dark green leaves with silver markings. More tolerant of stressful conditions compared to Rex begonias. Versatile use for patio containers and combinations. Extended use by bringing indoors at end of season. MULTI-SEED PELLET contains 5-6 seeds per pellet.

10 sds - \$7.30	25 sds - \$13.10
50 sds - \$21.35	100 sds - \$32.90
250 sds - \$71.95	(24B9)

BEGONIA (continued)

NON STOP MIXTURE (PELLETED) - 1655PE

8 in. - (F-1 Hybrid). Green foliage. Plants are small leaved and covered with double and semi double 2-1/2 in. flowers. Compact growing with free-flowering habit.

NON STOP MOCCA MIXTURE (PELLETED) - 1652PE

8 in. - (F-1 Hybrid). Bronze foliage. The only early and uniform bronze leaved series on the market! Plants are small leaved with fully double 2-1/2 in. flowers. Compact growing with free-flowering habit.

Each of the above: (26A9)	50 sds - \$7.20
100 sds - \$11.75	250 sds - \$21.15
500 sds - \$32.15	1,000 sds - \$54.65

PIN UP SERIES FLAME

Sorry, no longer available.

SAN FRANCISCO (PELLETED) - 1521PE

12 in. - (F-1 Hybrid). B. boliviensis. Unique and tough. Beautiful, drooping, bright salmon flowers on short stems with obliquely angled, lanceolate leaves composed of four pointed segments. Ideal for pots, hanging baskets and mixed containers.

Each of the above: (24D9)	10 sds - \$7.90
25 sds - \$14.90	50 sds - \$24.65
100 sds - \$38.30	250 sds - \$84.45

BEGONIA (continued)

SANTA CRUZ (PELLETED) - 1541PE

12 in. - (F-1 Hybrid). B. boliviensis. Prepare to be dazzled by the big, wide open blooms, handsome foliage and nonstop flowering of this trailing plant. An exciting choice for any climate, especially hot, long summer areas that have stressed other Begonias. With blooms from spring until frost, its ready to dazzle in baskets and planters. Blooms are a rich shade of orange-red. They open 2-3 in. wide, extending fully 5 in. wide at their apex, then dropping to the ground, only to be replaced by more. Good looking even if it never flowers. The leaves are large, arrow shaped and neatly serrated with pronounced, uniform veins that make them look almost pleated. Dark green and very abundant, they add a tropical look. Super heat tolerant.

Each of the above: (24D9)	10 sds - \$7.90
25 sds - \$14.90	50 sds - \$24.65
100 sds - \$38.30	250 sds - \$84.45

SPRINT PLUS SERIES

4 in. - (F-1 Hybrid). Green foliage. The fastest, most uniform variety on the market. Blooms approximately 10 days earlier. Keeps compact on the shelf, does not stretch. Great in pots, baskets or in the landscape. Weeks to flower: 10-14. PELLETED SEED.

Red - 1608PE

White - 1634PE

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

Megawatt Series

20-28 in. - (F-1 Hybrid). Striking, non stop flowers keep plants covered in huge color all through the Summer. Sturdy stems hold flowers above the foliage for superior show versus others. Bronze leaf varieties

are faster to flower than the Green leaf varieties. Beautiful plants with lush foliage are perfect for landscapes, baskets, big tubs and borders. Performs well in heat/drought with no deadheading needed.

Weeks to flower: 6-9. PELLETED SEED

(25E9)	25 sds - \$9.70	50 sds - \$17.80	100 sds - \$26.80	250 sds - \$54.00	500 sds - \$92.00
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Bronze Leaf

Pink - 1556PE

Unique color.

Red - 1561PE

Rose - 1559PE

Green Leaf

Pink - 1563PE

Red - 1557PE

Improved for 2018!

Rose - 1560PE

Improved for 2018!

Order Online at germaniaseed.com

BELAMCANDA

Blackberry Lily

FRECKLE FACE

Sorry no longer available.

BELLIS

Double English Daisy

140,000 sds/oz

70° nights, 80° days 10 days

Do not cover seeds with media after sowing.

Light will help germination.

Will flower the first year.

GALAXY SERIES MIXTURE

Discontinued. As a substitute, we suggest Tasso Mixture.

HABANERA SERIES

Perennial. 6 in. - 109,000-142,500 S.

B. perennis. Especially, large, fully double daisies that have distinctly long quilled tips. Compact, uniform plants. Excellent garden performance for the cottage garden, containers and perennial borders.

Zones: 4-8

Red - 5014

Rose - 5013

White - 5015

White With Red Tips - 5016

White, with red petal tips.

Mixture - 5017

Each of the above: (28B9) 100 sds - \$6.90

200 sds - \$11.60 500 sds - \$19.70

1,000 sds - \$31.50 2,000 sds - \$56.80

POMPONETTE MIXTURE - 5615

Perennial. 6 in. - 225,000 S. *B. perennis.*

Features loads of cute little button-like flowers, the tiny petals make perfect little domes in vibrant shades of pink, red, rose and white. Superb for small beds, edging and windowboxes. Zones: 3-9

SUPER ENORMA GIANTS MIXTURE - 5621

Perennial. 6 in. - 156,000 S. *B. perennis.*

Enormous semi-double, ball-shaped flowers, 2-1/2 to 3 in. across in shades of red, rose, soft pink and white. Zones: 4-8

Each of the above: (31B9) 1,000 sds - \$6.90

2,000 sds - \$9.90 5,000 sds - \$17.55

10,000 sds - \$28.60 25,000 sds - \$58.90

TASSO SERIES

① **Perennial.** 5 in. - 147,000-172,500 S.

B. perennis. This series is a great improvement over the other Pomponette types. The flowers are larger with tight tubular petals. Compact, uniform growth habit with excellent garden performance. Will flower April-July the first year from seed. Zones: 4-8

Deep Rose - 5132 ①

Pink - 5133 ①

Red - 5134 ①

Strawberries & Cream - 5135 ①

Two-toned pink and white.

White - 5136 ①

Mixture - 5137 ① A blend of all colors.

Each of the above: (29B9) 250 sds - \$8.15

500 sds - \$13.90 1,000 sds - \$20.80

2,000 sds - \$34.80 5,000 sds - \$71.40

BELLS OF IRELAND

Molucella Laevis

4,200 sds/oz 2-3 weeks

For the best germination- freeze seed 5 days and soak in warm water for 1 week before sowing. Alternating temperature from 80° days to 60° nights will stimulate germination. Do not cover, light will help germination.

BELLS OF IRELAND - 1711

⊗ 24 in. - 4,000 S. Plants are composed of several base-branching stems, each closely set with spikes of large bell-like sheaths of translucent green surrounding a small white flower. Wonderful as a fresh cut flower, or when dried for use in winter bouquets.

Each of the above: (30A9) 500 sds - \$6.90

1,000 sds - \$9.35 2,000 sds - \$13.40

5,000 sds - \$24.40 10,000 sds - \$40.30

BERGENIA

CORDIFOLIA - 5625

⊗ **Perennial.** 16 in. - 115,000 S.

B. cordifolia. Large rosettes of leathery, glossy, toothed, round, dark leaves which are heart-shaped at the base. Bright pinkish red flowers appear in clusters on thick stems just above the foliage. During the fall and winter months, the leaves take on a remarkable reddish-bronze hue. Leaves are often used in floral arrangements. Zones: 3-8

Each of the above: (30A9) 500 sds - \$6.90

1,000 sds - \$9.35 2,000 sds - \$13.40

5,000 sds - \$24.40 10,000 sds - \$40.30

RED BEAUTY - 5407

⊗ **Perennial.** 15 in. - 131,000 S.

B. cordifolia. (Red Start). Thick glossy rich green leaves are evergreen and will slowly expand to make a great groundcover.

Leaves take on an eye-catching deep red cast in fall as temperatures drop. Has a magnificent carmine red flower clusters held on stiff stems. Zones: 3-8

SHOESHINE ROSE - 5408

Perennial. 12 in. - 150,000 S. *B. cordifolia.*

Dark green glossy foliage turns into a glossy bronze color under the cool nights of fall and winter. Rose colored flowers emerge in spring for a bright cheerful show of color. Excellent addition to spring offering for growers. Zones: 4-9

Each of the above: (28C9) 100 sds - \$7.70

200 sds - \$12.90 500 sds - \$22.55

1,000 sds - \$36.50 2,000 sds - \$66.40



Bergenia Shoeshine Rose

BERLANDERIA

7,500 sds/oz 3-4 days

CHOCOLATE DAISY - 6575

Perennial. 12 in. - 4,000 S. *B. lyrata.*

When in flower the aroma of chocolate is quite evident. The quarter sized flowers are vibrant, yellow daisy with striking red striped undersides and chocolate-colored stems. Will attract bees, butterflies and birds. Also has the ability to survive during periods of heat stress. Zones: 4-11

50 sds - \$7.20 100 sds - \$11.75

250 sds - \$21.15 500 sds - \$32.15

1,000 sds - \$54.65 (26A9)

BRACHYCOME

Swan River Daisy

125,000 sds/oz 70° 2 weeks

SPLENDOR SERIES

⊗ 10 in. - 140,000-250,000 S. Unique, fragrant, long blooming, floriferous single daisies with yellow eye and fernlike foliage. Used for borders, rock gardens and window boxes.

Purple - 1729 ⊗

Mixture - 1732 ⊗

Each of the above: (31B9) 1,000 sds - \$6.90

2,000 sds - \$9.90 5,000 sds - \$17.55

10,000 sds - \$28.60 25,000 sds - \$58.90

BUDDLEIA

DAVIDII MIXTURE - 5624

① **Perennial.** 72-96 in. - 900,000 S.

Lilac shaped flowers that contains vibrant shades from bright pink to deep purple, plus clear white. Very floriferous and fragrant. Easy to grow from seed for plants that will flower the same year. Attractive shrub-like habit that is a great addition to the beneficial insect garden. Zones: 5-9

250 sds - \$9.25 500 sds - \$16.60

1,000 sds - \$25.35 2,000 sds - \$43.20

5,000 sds - \$89.75 (29C9)

BUPLEURUM

Green Gold

10,000 sds/oz 65° 2-3 weeks

For best germination, refrigerate seed for 10 days before sowing.

GRIFFITI DECOR - 1738

⊗ 36 in. - 9,000 S. *B. rotundifolium.*

Beautiful golden-yellow flowers provide an outstanding contrast to the fan shaped foliage that resembles *Eucalyptus*. Excellent as a filler in arrangements.

500 sds - \$6.90 1,000 sds - \$9.35

2,000 sds - \$13.40 5,000 sds - \$24.40

10,000 sds - \$40.30 (30A9)



Bellis Tasso Mix

CALENDULA

3,000 sds/oz 70° 10 days
After sowing, cover seeds lightly with media, maintain 70° soil temperature. Darkness will help germination.

BON BON SERIES

12 in. - 4,000 S. Very early flowering. Dwarf habit with free-flowering, bushy 2 1/2 - 3 in. blooms. Excellent in pots or packs.

Apricot - 1795

Light Yellow - 1796

Orange - 1798

Yellow - 1797

Mixture - 1800

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

GEISHA GIRL - 1722

☞ 22 in. - 3,400 S. The pretty blooms are deep orange, double, and have inward curved petals, very unique flowers look very much like mums. This variety is a favorite with many growers.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

NEON - 1721

☞ 28 in. - 4,200 S. A true showstopper! This ultra-double flower glows with a brilliant orange, edged in burgundy. This plant boasts 1 1/2-2 in. blooms and provides nonstop color from spring through the first light frost.

STAR ORANGE - 1802

☞ 24 in. - 4,000 S. Highly valued for cut flower use with tall, sturdy stems and large double flowers of 3-4 in. in diameter. Bred with special attention to higher disease tolerance, earlier flowering and good productivity.

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

PACIFIC BEAUTY MIXTURE - 1777

☞ 24 in. - 3,000 S. Lovely 4 in. flowers that will produce uniform, double flower with long straight stems and clearer colors. An historic heirloom garden plant.

1/4 oz. - \$6.90	1/2 oz. - \$9.70
1 oz. - \$13.20	2 oz. - \$22.60
4 oz. - \$36.70	(10A8)

PRINCE MIXTURE - 1791

☞ 3,000 S. Fully double, 3 in. flowers on erect growing plants with small leaves. Mixture of Golden, Indian Prince and Orange. Plants are heat tolerant, free flowering and bred specifically for cut flower production.

PRINCESS MIXTURE - 1780

☞ 20-24 in. - 3,000 S. Long-stemmed, quilled, fully double blooms for commercial cut flower production. Mixture of clear, gold and orange with black eye. Early blooming, basal-branching plants produce numerous stems topped by 3 1/2-4 in. flowers.

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

Calibrachoa

Million Bells

71° 5-7 days

Cover is not required for germination. Hardy to about 23°. Freely drops its faded flowers, no need to deadhead.

COMBO BLUE (PELLETED) - 1825PE 8-12 in. - Bushy, trailing and shows off abundant, deep blue blooms. Needs 10-10 1/2 hours of daylength requirement.

(25H9) 25 sds - \$10.75 50 sds - \$20.35 100 sds - \$31.10 250 sds - \$63.40 500 sds - \$108.50



MULTI-SPECIES COLLECTION Paradise Island Mixture (Multi-Seed) - 1812MP

Contains Kabloom Denim, Rose and Yellow.

(24J9) 10 sds - \$9.70 25 sds - \$20.30 50 sds - \$34.55 100 sds - \$54.50 250 sds - \$121.95



STRAWBERRY STAR (PELLETED) - 1804PE

10-14 in. - Strawberry-red and cream star pattern blooms. Color is shady, the strawberry-red color can lighten under high night temperatures. The star pattern is consistent. Moderate vigor, more controlled and better branching than Crave Sunset. Overall is larger than Kabloom varieties. Continuously re-blooms from planting to hard frost. Will also attract hummingbirds. Weeks to flower: 13-16.

(24G9) 10 sds - \$8.80 25 sds - \$17.60 50 sds - \$29.60 100 sds - \$46.40 250 sds - \$103.20

KABLOOM SERIES

8-12 - Fantastic new seed breeding breakthrough, the first Calibrachoa from seed. Hundreds of colorful bell-shaped flowers on a trailing plant habit. Bushy, trailing plants show off abundant, bright blooms. Generates the same amount of color as mid-vigor vegetative varieties. Better disease tolerance, better branching, more economical production. Excellent to use in hanging baskets and containers combinations. MULTI-SEED PELLETT.

Blue - 1834MP * New for 2019

Cherry - 1835MP * New for 2019

Coral - 1836MP * New for 2019

Denim - 1813MP Darker blue tones under lower light and cooler conditions. Blooms age to silver-blue under higher light and warmer conditions.

(25H9) 25 sds - \$10.75 50 sds - \$20.35 100 sds - \$31.10 250 sds - \$63.40 500 sds - \$108.50

Light Pink Blast - 1837MP * New for 2019

Orange - 1838MP * New for 2019

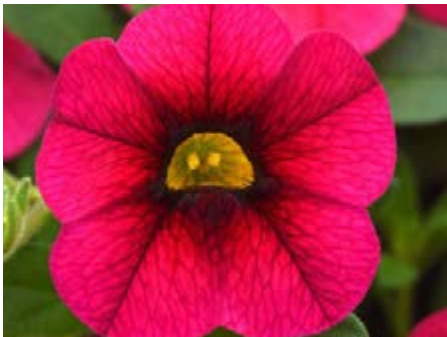
Pink - 1839MP * New for 2019

White - 1808MP Improved for 2019! Clean white with small yellow throat.

Yellow - 1809MP
Mid-yellow with slightly lighter margin.



Calibrachoa Kabloom Blue ✨ *New for 2019*



Kabloom Cherry ✨ *New for 2019*



Kabloom Coral ✨ *New for 2019*



Kabloom Orange ✨ *New for 2019*



Kabloom Pink ✨ *New for 2019*

CABBAGE, FLOWERING

7,000 sds/oz 70° 7-10 days

Cover seeds lightly after sowing. Sow in early July for a brilliant display as a winter pot plant. A miniature cabbage for pots and bedding. In fall, when the temperature comes down around 40°, the foliage turns either colorful rose or white. At its best in late fall or early winter.

OSAKA SERIES

12 in. - 9,000 S. (F-1 Hybrid). (Dynasty series). Leaves are wavy and less fringed. Early and uniform growth.

Pink - 1723

Red - 1724

White - 1725

Mixture - 1761

Each of the above: (28A9)	100 sds - \$6.90
200 sds - \$10.20	500 sds - \$16.85
1,000 sds - \$26.50	2,000 sds - \$47.20

CALOCEPHALUS, BROWNII

BED HEAD

Sorry, no longer available.

CAMPANULA

65°-70° 2 weeks

For the best germination, freeze seed for 5 days before sowing. Expose seed to alternate dark and light periods with soil temperature at 70°. Do not cover seed with media after sowing. Light will help germination. Beautiful, 2-3 in. flowers with 5-petals fused into a bell. Blooms May - August. A nice cutflower.

BELLRINGERS - 5210

Perennial. 20-28 in. - 325,000 S. *C. takesimana*. Clusters of large pendulous 2-3 inch flowers with maroon spotted interior in a mixed range from white to purple-red. Flowers from early summer till early autumn. Grows in full sun to semi-shade. Good as background border and combination plantings. Zones: 5-9

50 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

CAMPANA SERIES

Deep Blue (Pelleted) - 1824PE

✨ *New for 2019* ✂

30-34 in. - (F-1 Hybrid). *C. medium*. Large-flowered, deep blue color. 100 percent top-flowering with strong stems and good foliage. Cut back stems after flowering for a second flush. Very long vase life.

50 sds - \$8.65	100 sds - \$15.20
250 sds - \$28.75	500 sds - \$44.65
1,000 sds - \$77.15	(26C9)

CAMPANULA (continued)

CHAMPION SERIES

✂ 24-48 in. - (F-1 Hybrid). *C. medium*. Attractive cut flower with the classic cup-shaped Canterbury Bells type appearance. Excellent basal branching, requires no support and will produce high quality cut flowers with long shelf life.

Weeks to flower: 15. PELLETTED SEED.

Blue - 1817PE ✂

Lavender - 1815PE ✂ Pale silver blue.

Pink - 1819PE ✂

White - 1810PE ✂

Mixture - 1820PE ✂

Each of the above: (26F9)	50 sds - \$10.80
100 sds - \$20.40	250 sds - \$40.20
500 sds - \$63.40	1,000 sds - \$110.90

PEACH-LEAF BELLFLOWER SERIES

✂ **Perennial.** 36 in. - 165,000 - 312,000 S. *C. persicifolia*. Most widely grown bellflower. Masses of nodding outward-facing blooms spring from vigorous, clumps of lance-shaped leathery leaves. Very nice cut flower and very desired for wedding work. Zones: 3-8

Blue - 5661 ✂

White - 5662 ✂

Mixture - 5663 ✂

Each of the above: (31A9)	1,000 sds - \$6.90
2,000 sds - \$8.20	5,000 sds - \$13.25
10,000 sds - \$20.60	25,000 sds - \$40.85

POSCHARSKYANA - 5653

Perennial. 6 in. - 415,000 S. *C. poscharskyana*. Extremely drought resistant, semi-prostrate and is able to cling to dry walls. Large rock gardens or sandy banks also permit the 2 ft. stems to trail. The open starry lavender-blue flowers are pleasingly colorful. Best in light shade. June-July. Zones: 3-7

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

ROTUNDIFOLIA OLYMPICA - 5657

Perennial. 12 in. - 370,000 S. *C. rotundifolia*. Bright lavender-blue, nodding bells appear on wirey stems. Forms clumps of finely toothed, rounded dark green leaves. One of the most cold hardy bellflowers. Zones: 3-7

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

SUPERBA - 5649

✂ **Perennial.** 24-30 in. - 294,000 S. *C. glomerata*. Large clusters of rich violet. Nice cut flower, will flower the same year as sowing. Zones: 3-8

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

All Seed orders are shipped the same day received - most within 4 hours!
If you can't find what you're looking for - just ask us! 800-380-4721

CAMPANULA, CARPATICA

PEARL SERIES

① **Perennial.** 6-8 in. - 350,000-400,000 S. (F-1 Hybrid). A profusion of cup-shaped, upward facing, 2 in. wide flowers above a mound of dark green foliage from late spring to late summer if deadheaded regularly. Forms compact, uniform clumps making it a good choice for edging, containers, the front of borders or growing among rocks. Weeks to flower: 20-24. Zones: 3-8

Deep Blue - 5689 ①

White - 5692 ①

Each of the above: (28C9)	100 sds - \$7.70
200 sds - \$12.90	500 sds - \$22.55
1,000 sds - \$36.50	2,000 sds - \$66.40

PRISTAR SERIES

① **Perennial.** 8-12 in. - 250,000 S. (F-1 Hybrid). Rounded, uniform plants laden with flowers and buds for a long-lasting color show. Zones: 4-9

Deep Blue - 5698 ①

White - 5700 ①

Each of the above: (28B9)	100 sds - \$6.90
200 sds - \$11.60	500 sds - \$19.70
1,000 sds - \$31.50	2,000 sds - \$56.80

RAPIDO SERIES

① **Perennial.** 5-7 in. - The earliest variety on the market - up to 4 weeks earlier than Clips. Spring/Summer rock garden variety. Controlled, mounded plant with rich flowering. Grows best in moist but well-drained soil. Indoor plant: avoid overhead watering. Plant in full to partial sun (3-6 hours). Delivers better young plant vigor and uniformity and better vigor of finished plant. PELLETED SEED. Zones: 3-9

Blue - 5658PE ①

White - 5659PE ①

Each of the above: (28C9)	100 sds - \$7.70
200 sds - \$12.90	500 sds - \$22.55
1,000 sds - \$36.50	2,000 sds - \$66.40

CAMPANULA, MEDIUM DOUBLE

CANTERBURY BELLS MIX - 5633

⊗ **Perennial.** 36 in. - 130,000 S. Masses of bells in an astonishing range of blues, pinks and whites. Attractive rosette leaves. A gentle reminder of the cottage gardens days. Popular in English gardens since the 1500's.

CUP & SAUCER MIXTURE - 5639

⊗ **Perennial.** 36 in. - 115,000 S. Attractive rosette leaves. Habit and growth similar to Canterbury Bells, but with an additional flat corolla around the base of each flower.

Each of the above: (31B9)	1,000 sds - \$6.90
2,000 sds - \$9.90	5,000 sds - \$17.55
10,000 sds - \$28.60	25,000 sds - \$58.90

CAMPANULA, MEDIUM SINGLE

CANTERBURY BELLS MIXTURE - 5632

⊗ **Perennial.** 36 in. - 85,000 - 120,000 S. Sturdy, upright plants with large bell-shaped flowers, excellent as a cut flower. Zones: 3-8

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

CANNA

100 sds/oz 70°-75° 1-2 weeks

Sow in January for summer bloom. Before sowing, scratch seed coat on a sheet of sandpaper. Soak in warm water for 72 hours. Keep surface moist, use bottom heat.

SOUTH PACIFIC SERIES

100-150 S. (F-1 Hybrid). Compact in habit and well suited for both landscape and container use. More vigorous, more uniform and has more basal branching than comparison cannas. Offers an outstanding bloom colors. Bonus: grown from seed, not tuber, meaning less chance of succumbing to disease. Zones: 7-9

Orange - 5687

52 in. (All America Winner - 2018). Bright green foliage. Ravishing red-orange-scarlet blooms with flames of gold and cream at the base.

Scarlet - 5679

64-80 in. (All America Winner-2013). Dark green foliage. Scarlet and orange tones with flames of gold and cream at the base.

Each of the above: (24M9)	10 sds - \$11.75
25 sds - \$28.85	50 sds - \$50.20
100 sds - \$80.15	250 sds - \$181.40

TROPICAL SERIES

30-36 in. - 150 S. 3-4 in. brightly colored flowers. Ideal for bedding, pots or mass plantings. Requires frost protection. Zones: 7-9

Bronze Scarlet - 5678

Bronze-burgundy foliage.

Red - 5676

Rose - 5675

(All America Winner - 1992).

Salmon - 5686

Yellow - 5608

Each of the above: (24K9)	10 sds - \$10.00
25 sds - \$21.20	50 sds - \$36.20
100 sds - \$57.20	250 sds - \$128.20

CARDIOSPERMUM

375 sds/oz 70° 15-20 Days

HALICABUM - 1821

60-96 in. - 400 S. (Love-in-a-Puff). Vigorous climber with white flowers and inflated seed pods. Attractive foliage, resembles cutleaf Japanese Maples. Loves the summer heat. Weeks to flower: 15-16.

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

CANARY BIRD VINE

225 sds/oz 65°-75° 6-8 weeks

Before sowing, scratch seed coat on a sheet of sandpaper. Soak in warm water for 72 hours. Keep surface moist, use bottom heat.

TROPAEOLUM PEREGRINUM

Canariense - 1816

Climber. 96 - 144 in. - 400-450 S.

A popular quick-growing annual climber, bears curiously cut flowers with curved green spurs, the entire blossom vaguely resembling canary birds in flight. Grows in almost any soil, ideal for covering trellises.

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

CARNATION

12,000 sds/oz 70° 1 - 2 weeks

We suggest you NEVER use chemicals containing methyl bromide on Carnations. Cover very lightly, needs light to germinate.

CAN CAN SERIES

⊗ 18-20 in. - 12,000 S. D. caryophyllus. (F-1 Hybrid). Fragrant spray carnation from seed. Strong, uniform plants with good basal-branching habit produce masses of 2 in., brightly colored blooms. Knockout addition to mixed bouquets. Excellent for landscape border, patio container or bedding area.

Scarlet - 1830 ⊗ (All America Winner-2003)

Mixture - 1831 ⊗ (Cocktail Party).

A long awaited addition. Includes an array of popular hues of burgundy, purple, rose-pink, salmon and scarlet.

Each of the above: (24B9)	10 sds - \$7.30
25 sds - \$13.10	50 sds - \$21.35
100 sds - \$32.90	250 sds - \$71.95

CHABAUDS GIANT SERIES

Formula Mixture - 1833 ⊗ 20-24 in. - 14,000 S. Large, double fringed flowers. Excellent for outdoor bedding.

DWARF FRAGRANCE BABY

Double Mixture - 1866

10 in. - 15,000 S. Stiff straight stems, with flowers of about the same size as Chabaud, but with a most impressive of fragrance. Very suitable for pots and bedding.

Each of the above: (30A9)	500 sds - \$6.90
1,000 sds - \$9.35	2,000 sds - \$13.40
5,000 sds - \$24.40	10,000 sds - \$40.30



Canna South Pacific Orange

CARNATION (continued)

GRENADE SERIES

☞ ① **Perennial.** 20 in. - 16,000 S. C. caryophyllus. Double hardy garden carnations with large lacinated flowers on long stiff stems. Good for cutting or background planting. Will attract hummingbirds. This variety will bloom the first year.

Cardinal Red - 5683 ☞ ①

Golden Sun - 5682 ☞ ①

King Of Blacks - 5681 ☞ ①

Darkest red.

Pink - 5684 ☞ ①

White - 5685 ☞ ①

Mixture - 5688 ☞ ①

Well balanced blend.

Each of the above: (30A9) 500 sds - \$6.90
 1,000 sds - \$9.35 2,000 sds - \$13.40
 5,000 sds - \$24.40 10,000 sds - \$40.30

LILLIPOT MIXTURE - 1846

10 in. - 12,000 S. (F-1 Hybrid) Very dwarf, compact, habit with 2 in. fully double flowers. Ideal for 4 in. pots.

25 sds - \$8.65 50 sds - \$15.20
 100 sds - \$22.55 250 sds - \$44.65
 500 sds - \$75.50 (25C9)

CELOSIA, CRISTATA

29,000 sds/oz 70°-75° 8 days

Cockscomb Type. (Crested) After sowing seed, cover lightly with media. Maintain soil temperature of 70° and keep surface moist throughout germination period. Sow 6-8 weeks before planting out. For the best bedding performance, AVOID letting the plants dry out and cold temperatures

CHIEF SERIES

☞ 36-40 in. - 39,000 S. Tall cockscomb type variety that is ideal as a cut or dried flower. Excellent garden performance and heat tolerance.

Fire - 1947 ☞ Scarlet-red.

Mixture - 1951 ☞

Each of the above: (29A9) 250 sds - \$6.90
 500 sds - \$11.20 1,000 sds - \$16.20
 2,000 sds - \$26.40 5,000 sds - \$52.90

CRAMER'S CRESTED SERIES

☞ 24-30 in. - 30,000-55,500 S. Incredible cockscomb variety for drying with outstanding, vibrant colors. Wide heads with a full comb. Also makes a great fresh cut flower. Grow at close spacing for one flower per stem or pinch at 6 inches for multiple stems per plant. Beautiful for bedding plants with good pack performance.

Burgundy - 1859 ☞

Lemon Lime - 1861 ☞ (Formerly Lemon Yellow). Under cool and wet conditions, the flowers cast a more green color.

Rose - 1860 ☞

Each of the above: (30E9) 500 sds - \$9.55
 1,000 sds - \$16.55 2,000 sds - \$26.60
 5,000 sds - \$53.90 10,000 sds - \$93.30

CELOSIA, CRISTATA (continued)

CRAMER'S HI-Z - 1849

☞ 30-48 in. - 55,000 S. A floral novelty with versatility. Unique Celosia with 6-8 in. long, spike-like, brilliant magenta blooms on top of long, strong stems. Each plant produces 8-10 stems perfect for cutting. Makes a great landscaping item, with excellent pack performance.

500 sds - \$7.90 1,000 sds - \$12.90
 2,000 sds - \$19.95 5,000 sds - \$39.15
 10,000 sds - \$66.80 (30C9)

DRACULA - 1884

8-16 in. - 20,000 S. First of its kind, novelty Celosia shows one big flower atop the plant. In the greenhouse, flower is red and foliage is green with some red. Outdoors, foliage is darker and more purple-toned and flower is darker purple. Unusual shape and eye-catching color add drama to landscapes, gardens and containers. Good mid-height border plant.

25 sds - \$9.35 50 sds - \$16.90
 100 sds - \$25.40 250 sds - \$50.90
 500 sds - \$86.50 (25D9)

KURUME SERIES

☞ 36 in. - 35,500-42,000 S. Bred in Japan for cut flower production. Tall, vigorous plants produce numerous strong stems topped by 6-8 inch combs. For fresh or dried use.

Gold - 1863 ☞

New Scarlet - 1865 ☞

Orange Red - 1876 ☞

Rose - 1892 ☞

Mixture - 1864 ☞

Each of the above: (30D9) 500 sds - \$8.80
 1,000 sds - \$14.75 2,000 sds - \$23.30
 5,000 sds - \$46.55 10,000 sds - \$79.90

PRESTIGE SCARLET - 1954

☞ 12-18 in. - 42,700 S. (All America Winner - 1997). This uniquely branched cockscomb sports bright scarlet 3 in. ball-shaped blooms at the top with smaller cockscombs erupting from every node resulting in color from top to bottom.

250 sds - \$6.90 500 sds - \$11.20
 1,000 sds - \$16.20 2,000 sds - \$26.40
 5,000 sds - \$52.90 (29A9)

SPRING GREEN - 1845

☞ 40-48 in. - 32,000 S. Light green cockscomb. Excellent for mixed bouquets. 10-14 days earlier than Bombay types. Weeks to flower: 11-13.

50 sds - \$12.20 100 sds - \$23.85
 250 sds - \$47.85 500 sds - \$75.90
 1,000 sds - \$133.40 (26H9)

TREADOR - 1457

☞ 24 in. - 31,000 S. Unusual, semi-tall, with large flower heads or combs of bright red with scarlet highlights. Weeks to flower: 9.

500 sds - \$6.90 1,000 sds - \$9.35
 2,000 sds - \$13.40 5,000 sds - \$24.40
 10,000 sds - \$40.30 (30A9)

CELOSIA, CRISTATA (continued)

ARMOR MIXTURE - 1877

12-16 in. - 37,000 S. An attractive, striking and vigorous bedding plant, ideal for hot summer gardens. Plants display showy cockscomb blooms at the center of the plant in vibrant orange, purple, red and yellow. Excellent choice for mixed containers.

250 sds - \$8.15 500 sds - \$13.90
 1,000 sds - \$20.80 2,000 sds - \$34.80
 5,000 sds - \$71.40 (29B9)

CELOSIA, PLUMOSA

29,000 sds/oz 70°-75° 8 days

Feather Types.

CASTLE SERIES

12 in. - 45,000 S. A very heat resistant strain with beautiful 7 in. plumes surrounded by many basal branches.

Orange - 1914

Pink - 1928

Scarlet - 1929

Yellow - 1930

Mixture - 1931

Each of the above: (29A9) 250 sds - \$6.90
 500 sds - \$11.20 1,000 sds - \$16.20
 2,000 sds - \$26.40 5,000 sds - \$52.90

DRAGON'S BREATH - 1939

☞ 24 in. - 37,000 S. Produces an abundance of vibrant red foliage. Perfect choice for gallons and landscaping for bright red color. Extra large late flowering variety. Gorgeous fall flowering plumes of color.

25 sds - \$9.35 50 sds - \$16.90
 100 sds - \$25.40 250 sds - \$50.90
 500 sds - \$86.50 (25D9)

FIRST FLAME SERIES

14-25 in. - 42,000-63,000 S. Excellent bright colors finish two weeks earlier than Fresh Look. Ideal for borders, also good for a variety of containers.

Purple - 2009

Unique color. About 1 week earlier to flower, with a thicker plume compared to First Flame Red, Scarlet and Yellow.

Red - 2004

Scarlet-orange.

Scarlet - 2002

Yellow - 2005

Mixture - 2006

Each of the above: (29C9) 250 sds - \$9.25
 500 sds - \$16.60 1,000 sds - \$25.35
 2,000 sds - \$43.20 5,000 sds - \$89.75

Orange - Crop failure. As a substitute, we suggest Fresh Look Orange.

FOREST FIRE - 1922

☞ 24 - 36 in. - 35,000 S. Brilliant plumes of fiery orange-scarlet contrasting well with the bronzy red foliage.

1,000 sds - \$7.60 2,000 sds - \$11.80
 5,000 sds - \$21.85 10,000 sds - \$36.60
 25,000 sds - \$77.10 (31C9)

CELOSIA, PLUMOSA
 (continued on next page)

CELOSIA, PLUMOSA (continued)

FRESH LOOK SERIES

14 in. - 23,000-44,000 S. Like eternal flames, these varieties show their feathery flower plumes all summer long. Vigorous growth habit with good basal and lateral branching; attractive green leaf foliage. Weeks to flower: 12-14.

Gold - 1944

(All America Winner - 2007). Intense, non-fading gold color.

Orange - 1958

Red - 1952 (All America Winner - 2004).

Yellow - 1953

(All America Winner - 2004).

Fashion Look Mixture - 1910

Formula mixture of the green leaved Fresh Look series along with the contrasting bronze leaved New Look series. This mixture ties together contrasting leaf and flower colors, creating a showy assortment.

Mixture - 1957

Complete mixture of all colors.

Each of the above: (29B9) 250 sds - \$8.15
500 sds - \$13.90 1,000 sds - \$20.80
2,000 sds - \$34.80 5,000 sds - \$71.40

ICE CREAM SERIES

8 in. - 42,000-63,000 S. Early, compact and well branched habit. Improved to have fuller plumes in brighter colors. Plants produce a main stem at the base with many side spikes. Heat resistant. Excellent in garden beds and patio containers.

Cherry - 1946 Bright carmine red.

Orange - 1948 Bright orange.

Pink - 1949

(Formerly Peach). Bright rose-pink.

Salmon - 1942

Yellow - 1943 Improved for 2019!

Mixture - 1950

Each of the above: (29C9) 250 sds - \$9.25
500 sds - \$16.60 1,000 sds - \$25.35
2,000 sds - \$43.20 5,000 sds - \$89.75

Light Yellow - Crop failure. As a substitute, we suggest Ice Cream Yellow.

NEW LOOK (RED) - 1927

15 in. - 40,000 S. (All America Winner - 1988). Outstanding bushy, base-branching habit. Dark, bronze foliage with large, deep red plumes. Excellent heat tolerance.

250 sds - \$8.15 500 sds - \$13.90
1,000 sds - \$20.80 2,000 sds - \$34.80
5,000 sds - \$71.40 (29B9)

SYLPHID - 1994

☞ 30-40 in. - 38,000 S. Green-yellow feathery plumes sit on tall straight stems. The perfect color for every garden and bouquets.

25 sds - \$8.65 50 sds - \$15.20
100 sds - \$22.55 250 sds - \$44.65
500 sds - \$75.50 (25C9)

CELOSIA, PLUMOSA (continued)

PLUME SERIES

☞ 30-36 in. - 35,000 S. Tall, multi-branching feather type with masses of soft, brightly colored plumes. Thrives in hot, dry conditions and looks its best in bright sunlight. Weeks to flower: 9-12.

Golden - 1393 ☞

Pampas Plume - 1933 ☞

Mixture of bronze, copper, crimson, gold and scarlet.

Each of the above: (31B9) 1,000 sds - \$6.90
2,000 sds - \$9.90 5,000 sds - \$17.55
10,000 sds - \$28.60 25,000 sds - \$58.90

Scarlet - Discontinued. As a substitute, we suggest Forest Fire.

CELOSIA, PLUMOSA (continued)

CENTURY MIXTURE - 1937

☞ 20-24 - 45,000 S. (All America Winner - 1985). Large, beautiful bright plumes with many basal branches. Excellent for packs, pots and bedding. Outstanding garden performance.

250 sds - \$8.15 500 sds - \$13.90
1,000 sds - \$20.80 2,000 sds - \$34.80
5,000 sds - \$71.40 (29B9)

KIMONO MIXTURE - 1919

5-6 in. - 44,000 S. Compact and colorful. Very early, extra dwarf mixture with uniform growth habit and plume height. Beautiful for mixed patio containers for an attractive show of color.

Each of the above: (29A9) 250 sds - \$6.90
500 sds - \$11.20 1,000 sds - \$16.20
2,000 sds - \$26.40 5,000 sds - \$52.90



Bright Pink



Orange



Yellow



Mix

Sunday Series

☞ 28-40 in. - 25,000-35,000 S. Excellent plume-shaped flower form with nice stem length and strength. Attractive plumes in a wide color range are perfect fillers for mixed bouquets; also makes an eye-catching backyard cut flower. Less susceptible to thrips damage than cockcomb types. Weeks to flower: 11-13.

Bright Pink - 1992 ☞

Dark Pink - 1960 ☞

Orange - 1961 ☞ Improved for 2018!

Red - 1962 ☞

Yellow - 1956

(26E9) 50 sds - \$9.90 100 sds - \$18.65 250 sds - \$36.40 500 sds - \$57.15 1,000 sds - \$99.65

Bronze - Crop failure. As a substitute, we suggest Sunday Orange.

Cherry - 1991 ☞

Gold - 1965

Purple - 1940 ☞

Wine Red - 1987 ☞ Dark red stems.

Mixture - 1988 ☞

CELOSIA, SPICATA

Wheatstraw Celosia
18,000 sds/oz 70°-75° 8 days

FLAMINGO SERIES

☞ 30-40 in. - 26,000-34,500 S. *C. spicata*. Beautiful, slender plumes on erect, upright stems. Excellent in a landscape planting. For fresh or dried use.

Feather - 1926 ☞
Soft pink, turning white.

Each of the above: (29A9) 250 sds - \$6.90
500 sds - \$11.20 1,000 sds - \$16.20
2,000 sds - \$26.40 5,000 sds - \$52.90

Purple - 1932

Purple feathery plumes on dark red-green stems and leaves.
250 sds - \$9.25 500 sds - \$16.60
1,000 sds - \$25.35 2,000 sds - \$43.20
5,000 sds - \$89.75 (29C9)

KOSMO SERIES

8 in. - 25,000 S. Nice compact, bushy plants with fascinating, spiky blooms in bright colors. Great addition to mixed planters for that WOW factor.

Cherry - 1854

Pink - 1853

Purple Red - 1855

Each of the above: (25D9) 25 sds - \$9.35
50 sds - \$16.90 100 sds - \$25.40
250 sds - \$50.90 500 sds - \$86.50

CENTAUREA, AMERICANA

1,500-2,100 sds/oz 65°-75° 7-14 days
Indoor 6-8 weeks before planting out. Grow at 50°-55° Outdoors sow as soon as soil can be worked in spring. Full sun. 6-8 in. apart.

ALOHA ROSE - 1897

☞ 40-48 in. - 2,000 S. Oversized, 4 in. thistle-like fluffy blooms in a beautiful shade of smokey pink, with the inner petals often tipped with black. Blossoms close at night. Great fresh or dried.

250 sds - \$8.15 500 sds - \$13.90
1,000 sds - \$20.80 2,000 sds - \$34.80
5,000 sds - \$71.40 (29B9)

CENTAUREA, CYANUS

Cornflower or Bachelor Button
6,500 sds/oz 65°-70° 7-10 days

Will attract butterflies all season. Widely used for outdoor summer cut flowers, also for spring greenhouse cutting from a December/January sowing. Seed germination best if lightly covered and kept at 70° soil temperature, needs darkness to germinate.

CUT FLOWER SERIES

☞ 24-30 in. - 5,500 S. Outstanding performance in the garden or greenhouse.

Blue Boy - 1888 ☞ Heirloom. Deep blue.

Pinkie - 1886 ☞ Deep pink.

Select Mixture - 1887

Each of the above: (31A9) 1,000 sds - \$6.90
2,000 sds - \$8.20 5,000 sds - \$13.25
10,000 sds - \$20.60 25,000 sds - \$40.85

CENTAUREA, CYANUS (continued)

FROSTY MIX - 4728

☞ 24-30 in. - 6,500 S. A frosted combination of azure, burgundy, pink and white. Upright plants producing loads of 1-1/2 in. blooms. Can be sown Dec-Jan for Spring greenhouse cutting. Attracts butterflies.

1,000 sds - \$6.90 2,000 sds - \$9.90
5,000 sds - \$17.55 10,000 sds - \$28.60
25,000 sds - \$58.90 (31B9)

JUBILEE GEM - 1895

12 in. - 6,000 S. Dwarf and bushy with freely produced dark blue double flowers closely packed on the plant.

500 sds - \$6.90 1,000 sds - \$9.35
2,000 sds - \$13.40 5,000 sds - \$24.40
10,000 sds - \$40.30 (30A9)

POLKA DOT MIXTURE - 1894

16 in. - 8,000 S. Dwarf and compact mixture. A well balanced color range.

1,000 sds - \$6.90 2,000 sds - \$9.90
5,000 sds - \$17.55 10,000 sds - \$28.60
25,000 sds - \$58.90 (31B9)

CENTAUREA, PERENNIAL

2,100 sds/oz 60° 10-15 days

After sowing, cover seeds lightly with media. Darkness will help germination. Beautiful 2-3 in. flowers. Will bloom May-August. Will help repel deer all season.

DEALBATA - 5712

☞ Perennial. 24 in. - 3,500 S. *C. orientalis*. (Persian Cornflower). Deeply fringed, button-like, rose-pink flowers, complemented by finely-cut, gray-green leaves. Hardy and drought tolerant. Butterflies can't resist the sweet nectar of the showy blooms. A touch of pink in the garden all summer long. Zones: 3-8

MACROCEPHALA - 5713

☞ Perennial. 48 in. - 2000 S. *C. macrocephala*. (Armenian Basketflower). Unusual ramrod-stiff flower stems with fat, rusty buds that open into large, golden-yellow, shaggy, thistle-like flowers the size of a small fist. Big coarse oval-shaped leaves. Outstanding fresh or dried. Zones: 3-7

Each of the above: (29A9) 250 sds - \$6.90
500 sds - \$11.20 1,000 sds - \$16.20
2,000 sds - \$26.40 5,000 sds - \$52.90

MONTANA - 5711

☞ ① Perennial. 18 in. - 2,000 S. *C. montana*. Mountain Blue. Erect and stoloniferous featuring spidery, deeply fringed, rich blue cornflowers with reddish blue centers and black edged involucre bracts. Gray-green, lance-shaped lower leaves. Zones: 3-7

250 sds - \$9.25 500 sds - \$16.60
1,000 sds - \$25.35 2,000 sds - \$43.20
5,000 sds - \$89.75 (29C9)

CENTRANTHUS

Red Valerian, Jupiter's Beard
17,500 sds/oz 60°-65° 2 weeks

Easily grown in average or sandy, medium moisture, well drained soils in full sun to part shade. Prefers slightly alkaline soils in full sun. Does well in poor, infertile soils where it usually grows in a more compact form. Will flower May-August of the same year from sowing. Will attract butterflies all season.

RUBER - 5716

☞ ① Perennial. 24-36 in. - 20,000 S. *C. ruber*. Red-rose flowers are formed from clusters of tiny star-shaped florets atop strong, branching stems. Fine, fragrant addition for your garden. Zones: 5-8

500 sds - \$6.90 1,000 sds - \$9.35
2,000 sds - \$13.40 5,000 sds - \$24.40
10,000 sds - \$40.30 (30A9)

WHITE - 5717

☞ ① Perennial. 24-36 in. - 14,000 S. *C. ruber*. (Snowcloud). Airy clusters of fragrant white flowers with succulent-like, mid-green leaves that contrast perfectly with the vibrant flowers. Zones: 5-8

500 sds - \$8.80 1,000 sds - \$14.75
2,000 sds - \$23.30 5,000 sds - \$46.55
10,000 sds - \$79.90 (30D9)

CENTRATHERUM

Brazilian Bachelor Button
19,000 sds/oz 69-75°

PINEAPPLE SANGRIA - 6592

① Perennial. 20-24 in. - 19,000 S. *C. intermedium*. Attractive, fluffy, lavender-blue, button like flowers about 3/4 in. across are produced all summer on bushy plants with unusual, pineapple fragrant foliage. Very heat and drought tolerant, attracting butterflies and adding fragrance to borders or containers. Half-hardy Perennial. Zones: 9-11

250 sds - \$6.90 500 sds - \$11.20
1,000 sds - \$16.20 2,000 sds - \$26.40
5,000 sds - \$52.90 (29A9)

CERASTIUM

Silver Carpet, Snow-in-Summer
39,000 sds/oz 65° 2 weeks

Light will help germination. One of the most valuable plants for the rock garden. Blooms May - July.

TOMENTOSUM COLUMNAE - 5722

Perennial. 8 in. - 80,000 S. *C. tomentosum*. (Snow-In-Summer). Highly valued for its woolly grey foliage and smothered in luminous white flowers. Great for rock gardens or for poor, dry soil. Beautiful used as a path edging or a lawn substitute for areas with light foot traffic. Plant in pockets of a stone wall for a cascading effect, on steep slopes or cascading over the edges of containers. Zones: 2-7

1,000 sds - \$6.90 2,000 sds - \$8.20
5,000 sds - \$13.25 10,000 sds - \$20.60
25,000 sds - \$40.85 (31A9)

CHEIRANTHUS

Common Wallflower

19,000 sds/oz 60° 5 days

After sowing, do not cover with media. Will flower the first year from seed. Will attract butterflies all season.

ORANGE BEDDER - 5725

☞ **Perennial.** 18 in. - 30,000 S. C. cheiri. Clusters of clove scented, vivid deep orange flowers above lance-shaped, dark green leaves. Old fashioned wallflower with a neat and compact habit. Ideal for edging and low bedding, especially suitable for patio containers or where border space is limited. Zones: 5-9

1,000 sds - \$8.35	2,000 sds - \$13.60
5,000 sds - \$26.15	10,000 sds - \$44.60
25,000 sds - \$95.25	(31D9)

CHRYSANTHEMUM

9,000 sds/oz 70° 6 days

RAINBOW OR MERRY MIXTURE - 2011

☞ 24-36 in. - 8,000 S. C. carinatum. A cheerful blend of bright-hued tricolors including many new shades and color combinations. Showy for bedding and for cutting throughout the summer months.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

WHITE BUTTONS - 2007

6 in. - 39,000 S. C. paludosum. The small single daisy white flowers 1 1/4 in. in diameter with a yellow center. Dwarf, compact growing habit makes them ideal in pots or packs.

YELLOW BUTTONS - 2008

6 in. - 24,000 S. C. muticaule. The small single daisy flowers are solid yellow and 1 3/4 in. in diameter. Nice compact growing habit makes them ideal for low borders.

Each of the above: (30A9)	500 sds - \$6.90
1,000 sds - \$9.35	2,000 sds - \$13.40
5,000 sds - \$24.40	10,000 sds - \$40.30

CIMICIFUGA

Snakeroot

11,000 sds/oz 65° 2-3 weeks

For the best germination, keep media moist throughout germination period. Light will help germination.

RACEMOSA - 5731

☞ **Perennial.** 36-84 in. - 13,000 S.

Actaea racemosa. (Black Cohosh). Slender, upright form with wands of tiny white flowers make a vertical statement. Deep green foliage has great looking texture all season long. An imposing plant with 1/2 in. creamy-white spikes of fragrant flowers. Despite the height, does not need staking. Will bloom July to frost. Effective in woodland gardens, cottage gardens and naturalized areas. Zones: 4-8

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

CLEOME

Spider Monkey, Spider Plant

12,500 sds/oz 70° - 85° 1 - 2 weeks

For best germination, alternate temperature between 85° days and 70° nights. Cover seed lightly and maintain even surface moisture. (Pre-chill seed in refrigerator 3-5 days before sowing.) Tolerates hot, dry conditions and likes full sun. Will attract hummingbirds all season.

QUEEN SERIES

☞ 36-48 in. - 13,500 S.

Makes a wonderful hedge-like row about 4 ft. tall and 3-4 ft. across.

Cherry - 2075 ☞ 36 in. - Bright rose.

Helen Campbell (white) - 2071 ☞

36 in. - Pure white.

Pink - 2072 ☞ 48 in. -

(All America Winner - 1942). Vibrant pink.

Violet - 2074 ☞ 48 in. - Largest and showiest. Vivid purple.

Mixture - 2070 ☞ A formula blend of all varieties in this class.

Each of the above: (31B9)	1,000 sds - \$6.90
2,000 sds - \$9.90	5,000 sds - \$17.55
10,000 sds - \$28.60	25,000 sds - \$58.90

SOLO - 2069

15 in. - 8,000 S. The only thornless (child and pet friendly) variety with very light pink to white flowers on top of a light green leaved plant. Attractive seed pods give additional distinctive ornamental value to the plants.

500 sds - \$8.80	1,000 sds - \$14.75
2,000 sds - \$23.30	5,000 sds - \$46.55
10,000 sds - \$79.90	(30D9)

SPARKLER SERIES

☞ 40-48 in. - 18,000-22,500 S. (F-1 Hybrid).

The first commercial F-1 Hybrid Cleome! Heat and sun tolerant with full, bushy habit. Outstanding garden performance. ENHANCED SEED for better and more uniform germination. Weeks to flower: 10-12.

Blush - 2088EN ☞

(All America Winner - 2002).

Lavender - 2089EN ☞

Rose - 2092EN ☞

White - 2093EN ☞

Mixture - 2090EN ☞

Each of the above: (26F9)	50 sds - \$10.80
100 sds - \$20.40	250 sds - \$40.20
500 sds - \$63.40	1,000 sds - \$110.90



Coleus Pineapple Surprise

CINERARIA

100,000 sds/oz 70°-75° 10 days

For the best germination - after sowing seeds, do not cover with soil. Throughout the germination period, maintain a constant 70° soil temperature. We suggest using fresh sterilized soil in seed flats and in potting. This will possibly save you future disease problems. For best results, do not pinch, feed moderately and protect from strong sunlight. When plants are well established, reduce night temperatures to 50°-55° to encourage uniform bud set and compact habit.

JESTER MIXTURE (PELLETED) - 2030PE

5-10 in. - Small, uniformly sized leaves with brightly colored daisy-like flowers on a rounded plant habit make it more appealing than many other Cineraria. Suitable for 5-6 in. pots, uniform to bloom for all colors, and high percentage of bicolors make this series top in its class. Weeks to flower: 16-18.

25 sds - \$7.20	50 sds - \$11.75
100 sds - \$16.85	250 sds - \$32.15
500 sds - \$53.50	(25A9)

CLEMATIS

Yellow Beauty, Tangutica

16,000 sds/oz

Clean Seed.

RADAR LOVE - 5730

① **Perennial.** 96 in. - 17,000 S.

C. tangutica. Pendulous yellow flowers followed by feathery seedheads. Perfect for hanging baskets or climbing patio plant. Weeks to flower: 12.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

COBAEA SCANDENS

Cup and Saucer Vine

375 sds/oz 75° 10-14 days

In sowing, place seeds on edge and do not cover, but keep soil temperature at 75° with even surface moisture. Sow early and pinch occasionally for nice heavy plants.

PURPLE - 2076

☞ **Climber.** 120 in. - 350-400 S. Purple bell shaped flower. Blooms July - October.

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

WHITE - 2083

☞ **Climber.** 120 in. - 350 S. Pure white, rapid growing climber.

25 sds - \$7.90	50 sds - \$13.50
100 sds - \$19.70	250 sds - \$38.40
500 sds - \$64.50	(25B9)



Coleus Lime Sprite

COLEUS

100,000 sds/oz 70°-75° 10 days

Excellent for combination boxes, pots and bedding in complete or partial shade. We can recommend both the separate and mixed colors to the most critical trade. After sowing seeds on sterilized media, do not cover with soil. Maintain a constant 70° soil temperature, use bottom heat if possible. Once established, grow on at 60°-65°. These plants make a nice inexpensive pot plant throughout the year for your retail trade.

BLACK DRAGON - 2123

12 in. - 86,000 S. Creates an exotic effect in shady beds, with its large, serrated leaves and unusual deep color, red with a purplish-black edge.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

GIANT EXHIBITION SERIES

20 in. - 97,000-98,500 S. C. blumei. Vigorous growing varieties, large leaved, excellent for pot production and landscapes.

Limelight - 2121

Pure lime-green leaves

Palisandra - 2122

Velvety black leaves

Each of the above: (26E9)	50 sds - \$9.90
100 sds - \$18.65	250 sds - \$36.40
500 sds - \$57.15	1,000 sds - \$99.65

KONG SERIES

18-22 in. - Landscaper-type Coleus! Tall, well-branched plants with huge leaves. Weeks to flower: 9-11. PELLETTED SEED.

Lime Sprite - 2119PE

Beautiful bicolor leaves are about 50% lime chartreuse border and 50% mahogany-red heart.

Mosaic - 2125PE

Unique pattern of bright green, cream and red shades. No two leaves are alike!

Red - 2127PE

Rich mahogany-red center with strong rose veining and a bright green edge. Stems and undersides of leaves are mahogany-red.

Rose - 2128PE

Vibrant rose center surrounded by a green edge.

Salmon-pink - 2120PE

Multi-colored pattern of salmon-pink and mahogany-red with irregular green edge.

Scarlet - 2129PE

Mahogany-red center surrounded by an irregular green edge; at times, rose veining appears. Stems and undersides of leaves are green.

Mixture - 2130PE

Each of the above: (25F9)	25 sds - \$9.90
50 sds - \$18.65	100 sds - \$28.25
250 sds - \$57.13	500 sds - \$97.50

COLEUS (continued)

PREMIUM SUN

Upright plants display mid-size leaves are larger than Wizard but smaller than Kong series. Well branched, vigorous habit with long lasting color throughout the season. Color and contrast, habit and performance are best for mixed containers, also used for mass landscapes. Weeks to flower: 6-8. PELLETTED SEED.

Chocolate Covered Cherry - 2135PE

12-14 in. Rose center surrounded by deep mahogany and edged with a thin green margin.

Chocolate Dark - 2134PE

24-30 in. Dark purple with burgundy tones.

Chocolate Mint - 2157PE

14-20 in. Leaves edged in soothing mint green.

Chocolate Splash - 2167PE

12-16 in. Green foliage with chocolate splashed pattern.

Crimson Gold - 2169PE

26 in. (Formerly Versa). Deep red leaves with golden green edge.

Lime Delight - 2171PE

28 in. (Formerly Versa Lime). Lime green to golden foliage.

Mighty Mosaic - 2137PE

18-26 in. Striking multicolored leaf pattern.

Pineapple Surprise - 2139PE

18-26 in. - Unique tricolor pattern. Iridescent chartreuse and deep burgundy hearts are splashed with chartreuse and green. The surprise! Up to 3% of plants can show primarily darker green/ burgundy bicolor instead of chartreuse.

Rose To Lime Magic - 2172PE

24 in. (Formerly Versa Rose to Lime). Rose leaves eventually dissolves exposing green margins and cream center.

Watermelon - 2173PE

24 in. (Formerly Versa). Cherry-red leaves with green edge.

Chocolate Mixture - 2136PE

Includes Chocolate Covered Cherry, Chocolate Dark, Chocolate Mint and Chocolate Splash.

Mixture - 2174PE

Includes Crimson Gold, Lime Delight, Mighty Mosaic, Pineapple Surprise, Rose to Lime and Watermelon.

Each of the above: (25E9)	25 sds - \$9.70
50 sds - \$17.80	100 sds - \$26.80
250 sds - \$54.00	500 sds - \$92.00

RAINBOW STRAIN

Color Pride - 2132 Bright rose edged in mottled green with bronzy red.

Velvet Rainbow - 2156

12-15 in. - Vivid deep red leaves.

Master Blend Mix - 2133

A sensational formulated blend.
Each of the above: (29B9) 250 sds - \$8.15
500 sds - \$13.90 1,000 sds - \$20.80
2,000 sds - \$34.80 5,000 sds - \$71.40

COLEUS (continued)

SUPERFINE RAINBOW STRAIN

12-15 in. - 96,000-133,000 S. Large, vivid, multicolored leaves on vigorous, bushy, elegant plant. Very late flowering, radiating a wide spectrum of colors over a long season. Perfect for semi-shaded beds, borders and containers.

Festive Dance - 2131

Fiery orange, heavily bordered with dark bronze.

WIZARD SERIES



Rose

10-16 in. - 72,000-130,000 S. Very colorful, rainbow heart-shaped leaves with distinct markings. Excellent base-branching habit. Requires no pinching, ideal for packs or pots. Weeks to flower: 9-11.

Coral Sunrise - 2149

Shades of pink and salmon with olive and dark green margins.

Golden - 2153

Jade - 2158

Mosaic - 2159

Multi-colored leaves are green with splashes of burgundy and cream.

Rose - 2162

Scarlet - 2160

Sunset - 2163

Velvet Red - 2164

Mixture - 2155

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

COLEUS-FUSEABLES

MULTI-SPECIES COLLECTION

Specially formulated to deliver a balanced mix of single species choices. Perfect for growing in color bowls, hanging baskets or large patio containers. MULTI-SEED PELLETT which will include multiple seeds of each variety in one easy to sow pellet.

Chocolate Symphony (multi-seed) - 2176MP

Includes Chocolate Mint and Premium Sun Lime Delight.

Under The Sun (multi-seed) - 2175MP

Includes Premium Sun Crimson Gold and Premium Sun Lime Delight.

Each of the above: (25H9)	25 sds - \$10.75
50 sds - \$20.35	100 sds - \$31.10
250 sds - \$63.40	500 sds - \$108.50

COREOPSIS

Tickseed

10,000 sds/oz 60° - 65° 18 days

After sowing seed, cover lightly with vermiculite. Light will help germination.

Real valuable plant for cutting. Blooms June-September the same year sown. Will attract butterflies and songbirds and help repel deer all season. Nice cutflower.

BROWN EYES - 5708

Perennial. 10-12 in. - 25,000 S.

C. lanceolata. Uniform, dwarf compact habit. Beautiful 3 in. golden-yellow flowers with a dark brown center. Zones: 4-9

DOMINO - 5723

Perennial. 12-15 in. - 25,000 S.

Dwarf, compact habit. 3 in. golden flowers with a black center. Zones: 4-9

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

DOUBLE THE SUN - 5706

① Perennial. 12-14 in. - 15,000 S.

C. grandiflora. Earliest, compact and large 2 1/2 in., semi-double blooms in a straight yellow color. 2-3 weeks earlier to finish than Presto. Zones: 4-9

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

EARLY SUNRISE - 5734

① Perennial. 18 in. - 11,000 S.

C. grandiflora. (All America Winner - 1989). Produces spectacular semi-double, 2 in., golden yellow petals surrounding a honey-brown eye and crowded atop neat, compact plant. Self-cleaning, so no need to deadhead. Heat and drought tolerant. Ideal for packs or container sales.

Weeks to flower: 14. Zones: 3-9

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

PRESTO - 5709

① Perennial. 10 in. - 17,000 S.

C. grandiflora. Large and very showy blooms cover this super compact plant. Each bloom measures 2-2 1/2 in., with a small golden-red center and frizzled, serrated petals that stand out beautifully. Unpalatable to deer, tolerant of drought, withstands unseasonable heat, humidity and even cold without dropping a leaf. It thrives in poor soils as well as moist enriched ones and sets new buds continuously, especially when the flowers are cut or deadheaded promptly. Ideal for pots, window boxes and rock gardens. Zones: 4-9

50 sds - \$7.90	100 sds - \$13.50
250 sds - \$24.90	500 sds - \$38.40
1,000 sds - \$65.90	(26B9)

COREOPSIS (continued)

STERNTALER - 5727

① Perennial. 15 in. - 15,000 S.

C. lanceolata. Robust, long blooming with showy, 3 in., golden-yellow petals with a reddish-brown center. Each petal has a serrated edge giving the flower a frilly appearance. The flowers are continuous over the summer when deadheaded. The abundance of blooms and ease of culture make this a popular selection.

Blooms May-Sept. Zones: 4-9

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

SUNFIRE - 5693

① Perennial. 20-36 in. - 10,000 S.

C. grandiflora. Large flowers are yellow with a burgundy red center. Flowers the first year, well-matched to Rising Sun for timing and habit. Weeks to flower: 10-12. Zones: 4-9

SUNKISS - 5704

① Perennial. 12-14 in. - 14,000 S.

Primed seed. A color breakthrough. The brightest yellow with large blotch. Larger, deep red blotch and larger flowers than Sunfire. Fast finish with timing similar to Rising Sun. Excellent heat tolerance for novice and expert gardeners alike, reliable, easy to grow and the color blends well with almost everything. Zones: 4-9

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

SUNRAY - 5737

✂️ ① Perennial. 12 in. - 14,000 S.

C. grandiflora. An extravagant bloomer that will light up the garden with its double, deep golden yellow flowers. Excellent for borders or rock gardens. Zones: 4-9

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

TINCTORIA - 5499

✂️ ① Perennial. 30-36 in. - 61,000 S.

Perfect for bedding and borders and great cut flower. Sprays of 1 1/4 in. daisy-like, bicolored blooms in yellow and mahogany. Versatile, carefree plants have slender, wiry stems and produce an abundance of flowers. Weeks to flower: 9-10.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)



Cosmos Antiquity

CORN, ORNAMENTAL

Calico or Indian Squaw

100 sds/oz 80° 1 week

RAINBOW - 2085

✂️ 72 in. - 100-150 S. Multi-colored kernels make attractive ears for fall decorations.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

CORYDALIS

Yellow Fumitory, Yellow corydalis

50,000 sds/oz 60° 21 days

Frost germinator. Freeze seed for 2 weeks before sowing. Will bloom April-September.

LUTEA - 5741

Perennial. 10 in. - 19,000 S. Pseudofumaria.

lutea. (Bleeding Heart). Fresh green, fern-like leaves are held in softly falling tiers, resembling the fronds of Maiden-Hair Fern. Clusters of light yellow to rich gold flowers, somewhat like those of the fringed bleeding heart, hover just above the foliage. Though blooming is heaviest in late spring, will continue to produce flowers thru mid-fall if kept moist. Use in cottage gardens, shaded rock gardens or in containers. Zones: 5-9

50 sds - \$7.90	100 sds - \$13.50
250 sds - \$24.90	500 sds - \$38.40
1,000 sds - \$65.90	(26B9)

COSMOS

4,000 sds/oz 70°-75° 1 week

Will attract butterflies all season. Grow under good light conditions to avoid color variance.

ANTIQUITY - 2204

✂️ * New for 2019 ✂️ 24 in. - A very beautiful variety with flowers that open the darkest, most luscious crimson and then fade a little to look antiqued. Unusual and lovely. Shorter stems means no staking which makes it perfect for containers.

APOLLO SERIES

✂️ 18-26 in. - 5,000 S. (F-1 Hybrid). Largest flowers and longest flowering period on the market. Better branching with fuller canopy of flowers. Stems are strong and compact meaning it will need little or no support in the border, less PGR's and less plants to fill a pot. Delicate feathery foliage. Add that cottage garden feel to your borders and pots.

Carmine - 2197 ✂️

Lovesong - 2198 ✂️

A delightful blend Pink Picotee, Pink and White.

Mixture - 2199 ✂️

A mixture of Deep Purple, Pale Pink and White.

Each of the above: (28E9)	100 sds - \$8.85
200 sds - \$15.75	500 sds - \$28.25
1,000 sds - \$46.50	2,000 sds - \$85.60

COSMOS (continued)

BLACK MAGIC - 2203

⌘ ① 24 in. - 3,500 S. C. atrosanguineus. It's not often that a horticultural development can rightfully be described as exciting, but this is surely one of those occasions. The first chocolate Cosmos from seed. The gorgeous burgundy almost black colored blooms are spectacular. Some are double but all are in a variety of shades that are almost unreal. This deliciously scented flower has an unforgettable fragrance that ranges from chocolate to vanilla. Can be treated as a perennial if rootstock is kept frost free during winter. Zones: 8-11

10 sds - \$11.75	25 sds - \$28.85
50 sds - \$50.20	100 sds - \$80.15
250 sds - \$181.40	(24M9)

CANDY STRIPE - 2223

⌘ 36-54 in. - 4,500 S. Single, bicolor mixture of red striped, rose and white edged flowers.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

CUPCAKE WHITE - 2205

⌘ 24-30 in. - 4,000 S. Wow! Beautiful, chalice-like petal pattern. Clear bright white with yellow stamens.

100 sds - \$9.90	200 sds - \$18.50
500 sds - \$33.95	1,000 sds - \$56.50
2,000 sds - \$104.80	(28C9)

DOUBLE CLICK SERIES

⌘ 24-31 in. - 4,000 S. Unusual double blooms. Tall with large, fully double and semi-double 2-3 in. blooms.

Bicolor Pink - 2230 ⌘

Striking pink and white.

Cranberries - 2231 ⌘

Carmine.

Mixture - 2232 ⌘

Mixture of Carmine, Pink and White.

Each of the above: (26A9)	50 sds - \$7.20
100 sds - \$11.75	250 sds - \$21.15
500 sds - \$32.15	1,000 sds - \$54.65

LIMARA LEMON (DETAILED) - 2238DE

8 in. - 3,500 S. C. sulphureus. A multitude of large creamy lemon blooms that are set off by a darker golden eye. Produces masses of lemon colored flowers over its compact, well-branched habit. DETAILED SEED.

250 sds - \$10.40	500 sds - \$19.30
1,000 sds - \$29.90	2,000 sds - \$51.60
5,000 sds - \$108.15	(29D9)

PIED PIPER RED - 2220

⌘ 32-40 in. - 4,000 S. The only separate color available in the Sea Shells type, with fluted, shell-like petals of velvet crimson-red. The ferny foliage helps to make this a wonderful cut flower as well as a good back of border plant.

500 sds - \$9.55	1,000 sds - \$16.55
2,000 sds - \$26.60	5,000 sds - \$53.90
10,000 sds - \$93.30	(30E9)

COSMOS (continued)

PSYCHE MIXTURE - 2218

⌘ 40-48 in. - 4,500 S. An attractive variety renowned for its stunning array of colors and surprisingly large blooms. Huge, crepe paper petals form loose, elegantly waved, upright blooms of crimson, rich lavender pink, and white. Double and semi-double flowers with a ring of petals forming a collarette in the center. Uniform free-flowering habit.

SEA SHELLS MIXTURE - 2208

⌘ 36-48 in. - 4,500 S. A completely different style Cosmos. The fluted sea shell shaped petals will make a beautiful addition to your garden. A breeder's blend of colors that is outstanding. Typical of all Cosmos this variety is no exception in thriving under neglect situations. Attracts hummingbirds and butterflies.

SENSATION SERIES

⌘ 48-54 in. - 4,000-5,500 S. Large, single 4-6 in. flowers with yellow centers bloom from midsummer on. Graceful for backgrounds, borders and bouquets. The most satisfactory type for cut flower purposes.

Dazzler - 2215 ⌘

Crimson-red flowers.

Pinkie - 2214 ⌘

Pink.

Purity - 2217 ⌘

White.

Radiance - 2216 ⌘

Deep rose with crimson zone.

Mixture - 2222 ⌘

(All America Winner - 1936). A full range of colors.

Each of the above: (30A9)	500 sds - \$6.90
1,000 sds - \$9.35	2,000 sds - \$13.40
5,000 sds - \$24.40	10,000 sds - \$40.30

SONATA SERIES

20 in. - 4,500 S. Large flowers. Compact growth habit making them an excellent choice for container gardening and attracting butterflies. Their thin flowers are good for pressing and excellent for cutting. Performs well in full sun and is very free-flowering. Heat and drought tolerant.

Carmine - 2200

Pink - 2201

Pink Blush - 2202

Purple Shades - 2195

Red Shades - 2212 ⌘ *New for 2019*

White - 2207

Mixture - 2211

Improved for 2019!

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

All Flowers are listed together alphabetically. **Perennials** and **Climbers** marked in Blue

COSMOS, SULPHUREUS

2,800 sds/oz 70°-75° 1 week

Grow under good light conditions to avoid color variance.

COSMIC SERIES

12 in. - 3,000-3,500 S. Very free-flowering with outstanding garden performance. Excellent in packs, pots or mass plantings.

Orange - 2227 (All America Winner - 2000).

Red - 2237

Yellow - 2228

Mixture - 2229

MANDARIN - 2226

⌘ *New for 2019* Deep orange color. Better habit and more uniform. Slightly more compact and mounded shape than other varieties.

Each of the above: (28A9)	100 sds - \$6.90
200 sds - \$10.20	500 sds - \$16.85
1,000 sds - \$26.50	2,000 sds - \$47.20

CRASPEDIA, GLOBOSA

35,000 sds/oz 70°

Germination occurs over a long period of time. Constant moisture is important.

BILLY BUTTONS - 2236

16-20 in. - 45,500 S. Will produce a basal rosette of long leaves and branchless flower stalks topped with bright yellow, globe-shaped flower clusters. Useful for a fresh and dried cut flower, can be cut over a long period.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

CUPHEA

Cigar Plant

14,000 sds/oz 70° 2-3 weeks

Very colorful bedding plants; easily grown.

PINK SHIMMER (MULTI-SEED) - 2269MP

⌘ *New for 2019* 10-16 in. - Profusions of petite flowers in shades of lavender to pink and rose cover the delicate leaves all summer long. Great for use in combinations of all kinds. This reblooming gem requires no deadheading and looks great even under hot conditions. MULTI-SEED PELLETT contains 5-6 seeds per pellet.

25 sds - \$9.90	50 sds - \$18.65
100 sds - \$28.25	250 sds - \$57.13
500 sds - \$97.50	(25F9)

SRIRACHA PINK - 2270

14-18 in. - 7,000 S. (F-1 Hybrid). Compact, upright, and well-branched with a long shelf life, offers a uniform, colorful addition for spring and hot summer plantings. Loves the heat making it a great season extender for the summer. Excellent in sunny beds, borders and containers.

25 sds - \$9.35	50 sds - \$16.90
100 sds - \$25.40	250 sds - \$50.90
500 sds - \$86.50	(25D9)

SRIRACHA ROSE

Sorry, no longer available.

CYNOGLOSSUM

Chinese Forget-Me-Not
5,000 sds/oz

AMABILE BLUE SHOWER - 2240

☞ 18-26 in. - 6,000 S. Lovely summer forget-me-not. Masses of dainty 1/4 in. blue blooms. Lance-shaped, grey-green foliage. Novel fresh cut flower. Fine additions to mixed borders. Weeks to flower: 11-14.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

FIRMAMENT

Discontinued. As a substitute, we suggest Amabile Blue Shower.

DAHLIA

3,000 sds/oz 70°-75° 7-10 days

For best results, maintain 70° soil temperature throughout the germination period. Cover seeds lightly and keep surface moist. As they branch freely, we do not recommend a pinch. Readily grown from seed and tubers may be saved from the choicest specimens. Should be sown several weeks ahead of other annuals for maximum bloom the first year. Will attract butterflies all season.

BISHOP'S CHILDREN - 2324



☞ 24-36 in. - 4,100 S. One of the most stunning flowers you will ever see. A warmed-toned mixture of single and semi-double blooms in solid and bicolor shades of orange, pink, purple, red and yellow. Flowers include plenty of bicolors and two-toned blends, some gaily striped, others shading from one hue to the next like a tropical sunset, and still others a rich, deep solid color. But what makes these blooms really extraordinary is that they arise atop black foliage. Stunning in the garden and long-lasting in the vase and a showstopper in the border and bed.

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

DAHLIA (continued)

BLOODY MARY - 2323

12-14 in. - 4,000 S. A beautiful mixture of double and semi-double flowers on attractive bronze-red foliage. Very free-flowering, compact mounded habit.

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

DANDY MIXTURE - 2310

22-26 in. - 4,000 S. Attractive well mounded plants producing a mixture of 3 1/2 in. flowers all season.

EARLY BIRD - 2311

20-24 in. - 3,500 S. The earliest and most dwarf Unwin type Dahlia with full color range of double and semi-double stem length for cut flower.

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

FIGARO SERIES

12 in. - 3,500 S. (F-1 Hybrid). An improved Rigoletto type, more compact and earlier flowering. A beautiful blend of double blooms, ideal for packs or pots.

Orange Shades - 2303

Red Shades - 2302

Violet Shades - 2304

White - 2318

Yellow Shades - 2305

Mixture - 2317

Each of the above: (28C9)	100 sds - \$7.70
200 sds - \$12.90	500 sds - \$22.55
1,000 sds - \$36.50	2,000 sds - \$66.40

HARLEQUIN MIXTURE - 2319

12 in. - 5,000 S. A very early and dwarf mixture with semi-double bicolor collarette-type flowers. Ideal for packs and pots.

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

MIGNON MIXTURE - 2322

☞ 14 in. - 3,000 S. Brightly colored single blooms on compact plants ideal for pots, tubs, borders and beds. The delightful blooms are loved by bees and butterflies and will attract them to your garden. The enchanting mixture of colors, all with yellow centers, are produced through the summer and fall. Blooms are long-lasting and excellent for cutting.

500 sds - \$8.80	1,000 sds - \$14.75
2,000 sds - \$23.30	5,000 sds - \$46.55
10,000 sds - \$79.90	(30D9)

UNWIN'S DWARF HYBRIDS - 2321

24 in. - 3,500 S. Plants produce 2 1/2 to 3 in. double and semi-double flowers in great abundance, fine assortment of beautiful colors. A January sowing provides 3 and 4 in. flowering pot plants in May.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

DAHLBERG DAISY

Golden fleece, Shooting Star
200,000 sds. sds/oz 60-80° 8-12 days

Thrives in sandy soils with good drainage. Drought tolerant. Sow seed directly in garden areas 1-2 weeks before the last frost date for bloom four months later. Deadhead spent flowers to encourage additional bloom. Will self-seed in the garden under optimum growing conditions.

DAHLBERG DAISY - 2331

6-8 in. - 227,000 S. Thymophylla tenuiloba. An ideal compact edging plant with airy, lace-like leaves and yellow flowers. Plants spread 12-14 in. Blooms continuously throughout the season.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

DAISY, SHASTA

Leucanthemum Maximum

20,000 sds/oz 70° 12 days

Needs light to germinate. Plant where soil is well drained. Blooms May-September the same year sown. Will attract butterflies all season. Outstanding cut flower.

ALASKA - 5747

☞ Perennial. 24-36 in. - 25,000 S.

Leucanthemum superbum. One of the oldest and still one of the best. Explodes in a burst of pure white petals that radiate from the soft yellow eyes. Under the flowers, there's a neat backdrop of the glistening, deep green foliage. The long-lasting 3-4 in. across blooms look great in a vase or bouquet. Mix with lady's mantle, salvias, star zinnias and coreopsis for a vibrant, dramatic display. Zones: 4-9

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

CRAZY DAISY - 5094

☞ ① Perennial. 24-28 in. - 22,500 S.

Leucanthemum superbum. No two blooms are alike on this incredible daisy. The 2 1/2 in. blooms are fully double, in fact, they're so crammed with petals you might be tempted to call them triple. The petals take just about every form you can imagine, from quilled to frilled to twisted to flat. Solid white petals around a small, buttery center. Zones: 4-9

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

DIENERS EXHIBITION DOUBLE - 5752

☞ Perennial. 28-30 in. - 21,500 S.

Leucanthemum maximum. Large 6 in., frilly white flowers with yellow centers, produces over 50% double and semi-double flowers with nice large single flowers on the rest. The finest large double Shasta from seed. Zones: 4-9

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

DAISY, SHASTA (continued)

G. MARCONI DOUBLE WHITE - 5748

☞ **Perennial.** 28-36 in. - 20,000 S.
Leucanthemum maximum. Large double and semi-double flowers up to 6 in. in diameter carried on long stems. The finest of the double shasta daisies. Zones: 4-9

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

MADONNA - 5745



★ **New for 2019 Perennial.** 8-10 in. -
Leucanthemum x superbum. (F-1 Hybrid). Covered with pretty, clear white flowers with a yellow center. Some petals may have laced-edge petals for a unique look. Compact, sturdy plants build a new layer of flowers on top of the old ones. Features excellent vigour and leaf quality of optimal finishing in quarts to large containers using multiple plugs. Better uniformity in height and habit. Zones: 3-9

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

SILVER PRINCESS - 5751

☞ ① **Perennial.** 12 in. - 30,000 S.
Chrysanthemum maximum. (Little Miss Muffet). Lovely dwarf verison of the much taller ones. Bright white flowers with sunny-yellow centers cover the petite plant early summer. Excellent in the front of the perennial border. Very hardy and reliable. Zones: 4-9

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)

SILVER SPOONS

Discontinued.
As a substitute, we suggest Alaska.

SNOW LADY (ENHANCED) - 5746EN

① **Perennial.** 10 in. - 26,000 S.
Leucanthemum superbum. (F-1 Hybrid). (All American Winner - 1988). Will bloom the first year as a hardy perennial and is very early to flower. Pure white 2 1/2 in. flowers with contrasting yellow eye in the center. Ideal in 3 1/2 or 4 in. pots as they begin to flower at 6 in. tall. Enhanced seed 95% + germination. Zones: 4-9

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

DATURA

Trumpet Flower
2,000 - 3,000 sds/oz sds/oz 70° 21 days
For the best germination, we suggest freezing seed for 5 days before sowing and do not use bottom heat.

BELLE BLANCHE - 2333

30 in. - 3,000 S.
Pure white, upright fragrant flowers.
100 sds - \$6.90 200 sds - \$11.60
500 sds - \$19.70 1,000 sds - \$31.50
2,000 sds - \$56.80 (28B9)

BALLERINA SERIES



72 in. 2,000 S. Nicely scented, double flowers. Ideal for 6 in. pot production; will also fill out in the landscape.

Purple - 2570

Yellow - 2572

Each of the above: (25F9)	25 sds - \$9.90
50 sds - \$18.65	100 sds - \$28.25
250 sds - \$57.13	500 sds - \$97.50

BLACKCURRANT SWIRL - 2577



60 in. - 2,000 S. Large double frilled blooms in gorgeous shades of blackcurrant and lilac that open in abundance. An exotic addition for the landscape and also ideal for containers where they can be brought indoors in colder climates. Zones: 10

25 sds - \$9.35	50 sds - \$16.90
100 sds - \$25.40	250 sds - \$50.90
500 sds - \$86.50	(25D9)

30% Discount Off your Seed Orders of \$500 or more when booked by Oct 31st!
PLUS! 30% off future orders of \$250 or more until June!

DELPHINIUM

10,000 sds/oz 80° days - 65° nights 8-15 days

For the best germination, freeze seed for 5 days before sowing. Sow seed, cover lightly and alternate temperature of 80° days and 65° nights. Do not let media dry out; maintain even moisture level on surface. (Belladonna and Bellamosum types germinate best at 70° constant temperature.) Small pots and packs are not recommended for growing Delphiniums. Like Zinnias, they are susceptible to root rot brought on by overwatering. Outstanding cut flower. Blooms June - September, the same year sown. Will attract hummingbirds and butterflies all season.

AURORA SERIES

☞ ① **Perennial.** 36-48 in. - 9,000 S.
D. elatum. (F-1 Hybrid). Dense flower spikes on strong stems. Large 2-2 1/2 in. fully double flowers with white bees. Excellent uniformity and vigor.

Weeks to flower: 18 weeks. Zones: 3-7

Blue - 5412 ☞ ①

Deep Purple - 5410 ☞ ①

Each of the above: (25K9)	25 sds - \$11.85
50 sds - \$22.90	100 sds - \$35.35
250 sds - \$72.75	500 sds - \$125.00

BLUE BUTTERFLY - 5794

① **Perennial.** 10-12 in. - 25,000 S.
D. grandiflorum. (Butterfly compacta). A bushy well behaved mound of finely dissected foliage that never needs staking. A unique color difficult to find in any annual or perennial, produces racemes of gentian blue flowers, a rich true gentian blue. Hints of violet can be seen at the tips of some petals and the centers. Perfect for front of the border, it also makes an excellent container plant. Zones: 3-7

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)

BLUE DONNA (VIOLET BLUE) - 5923

☞ **Perennial.** 32 in. - 10,000 S.
D. belladonna. (Formally Blue Shadow). Fast-growing and heat-resistant variety. Deep violet blue single flowers on strong stems. Comparable to Volkerfrieden but easier to cultivate. Best cut flower quality is obtained when plants are produced as an annual.

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

BLUE MIRROR - 5770

☞ ① **Perennial.** 16 in. - 24,000 S.
D. grandiflorum. Beautiful navy blue flowers without spurs. Will flower first year sown. Zones: 2-7

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

DELPHINIUM continued on next page...

DELPHINIUM (continued)

CLIVEDON BEAUTY (BELLADONNA) - 5764

⌘ ① **Perennial.** 48 in. - 9,000 S. *D. belladonna.* (Clivedon Beauty). The most popular light blue. Will flower the first year from seed. Zones: 3-7

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

CONNECTICUT YANKEES - 5761

⌘ **Perennial.** 30 in. - 8,000 S. (All America Winner - 1963). Bushy, well branched mixture of graceful spikes of purple, dark blue, light and medium blue, lilac and lavender. Florets are exceptionally large, 2 1/2 in. across. Fine for beds, borders, medium tall background plantings, as well as long lasting cut flowers on wiry stems.

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

DELPHINA SERIES

Perennial. 18 in. - *D. elatum.* First genetic dwarf Delphinium, it needs no or very little PGR's yet they will make a well branched plant with strong flower spikes.

Dark Blue / White Bee - 5789

Light Blue / White Bee - 5790

Improved for 2019!

Rose / White Bee - 5791

Each of the above: (28F9)	100 sds - \$9.40
200 sds - \$17.10	500 sds - \$31.10
1,000 sds - \$51.50	2,000 sds - \$95.20

DIAMONDS BLUE

Discontinued. As a substitute, we suggest Blue Mirror.

GUARDIAN SERIES

⌘ **Perennial.** 48-60 in. - 12,500 S. (F-1 Hybrid). *D. elatum.* A breeding breakthrough, with very uniform blooming within each variety, especially under short days. Outstanding as a tall landscape, bedding variety, commercial cut flower, or in potted plant programs. Premium seed quality, minimum 90% germination standard and more uniform germination.

Blue - 5250 ⌘

White - 5253 ⌘ ①

Mixture - 5254 ⌘

Complete mixture of colors.

Each of the above: (25D9)	25 sds - \$9.35
50 sds - \$16.90	100 sds - \$25.40
250 sds - \$50.90	500 sds - \$86.50

DELPHINIUM (continued)

PACIFIC GIANT SERIES (ENHANCED)

⌘ ① **Perennial.** 48-60 in. - 14,500 S. *D. elatum.* (Benary's Pacific Giants Hybrids). One of the most common series grown in the garden. An upright, herbaceous perennial with strong stems and divided, dark-green foliage. Will bloom from late spring until mid summer. Nice cut flower. ENHANCED SEED for improved and more uniform germination.

Weeks to flower: 16-18. Zones: 2-7

Astolat - 5771EN ⌘ ①

Shades in pale blush, lilac, pink, raspberry-rose with dark bees.

Black Knight - 5773EN ⌘ ①

Deep midnight violet.

Blue Bird - 5772EN ⌘ ①

Clear medium blue, white bee.

Blue Jay - 5774EN ⌘ ①

Brilliant true medium blue, dark bee.

Cameliard - 5775EN ⌘ ①

Pure lavender self, white bee.

Galahad - 5776EN ⌘ ①

The finest clear white delphinium.

Guinevere - 5777EN ⌘ ①

Pinkish-lavender with white bee.

King Arthur - 5778EN ⌘ ①

Royal violet with white bee.

Percival - 5907EN ⌘ ①

White with black bee.

Summer Skies - 5780EN ⌘ ①

Clear light blue with white bee.

Mixture - 5788EN ⌘ ①

A formula blend of the above colors, not a field grown mixture.

Each of the above: (28A9) 100 sds - \$6.90

200 sds - \$10.20 500 sds - \$16.85

1,000 sds - \$26.50 2,000 sds - \$47.20

PACIFIC GIANT SERIES

⌘ ① **Perennial.** 48-60 in. - 14,500 S. *D. elatum.* One of the most common series grown in the garden. An upright, herbaceous perennial with strong stems and divided, dark-green foliage. Will bloom from late spring until mid summer. Nice cut flower. Weeks to flower: 16-18. Zones: 2-7

Black Knight - 5773 ⌘ ①

Deep midnight violet.

Blue Bird - 5772 ⌘ ①

Clear medium blue, white bee.

Galahad - 5776 ⌘ ①

The finest clear white delphinium.

Each of the above: (29A9) 250 sds - \$6.90

500 sds - \$11.20 1,000 sds - \$16.20

2,000 sds - \$26.40 5,000 sds - \$52.90

DELPHINIUM (continued)

MAGIC FOUNTAIN SERIES

⌘ ① **Perennial.** 24-30 in. - 15,500 S. *D. elatum.* A dwarf version of the Pacific Giants. A balanced blend of beautiful colors. Outstanding cut flower. Will flower the first year sown. Zones: 3-8

Cherry Blossom / White Bee - 5786 ⌘ ①

Dark Blue / Dark Bee - 5763 ⌘ ①

Dark Blue / White Bee - 5753 ⌘ ①

Lavender / White Bee - 5754 ⌘ ①

Lilac Pink / White Bee - 5766 ⌘ ①

Mid-blue / White Bee - 5634 ⌘ ①

Pure White - 5757 ⌘ ①

Sky Blue / White Bee - 5755 ⌘ ①

White / Dark Bee - 5756 ⌘ ①

Crystal Mixture - 5799 ⌘ ①

Select mix of white bee colors.

Mixture - 5760 ⌘ ①

SUMMER CLOUDS - 5448

① **Perennial.** 10-12 in. - 28,500 S. *D. grandiflorum.* Well-branched habit and early abundant blue and white bicolor flowers make it an ideal choice for perennial borders, mixed containers, or in combination with annual. With its dainty flowers and lacey foliage, appears to be fragile, but do not be fooled. Thrives in heat and humidity without stretching like other Delphinium. Weeks to flower: 16-24. Zones: 2-7

100 sds - \$9.40	200 sds - \$17.10
500 sds - \$31.10	1,000 sds - \$51.50
2,000 sds - \$95.20	(28F9)

DIANTHUS

64°-68° 7-14 days

ALLWOODII ALPINUS MIXTURE - 5823

⌘ **Perennial.** 8 in. - 21,000 S. Beautiful blossoms that bloom in many shades of pink, often deliciously fragrant. Excellent cut flowers and lovely in the herb, rock or flower garden. Attractive planted with lardspur, bellflowers, and lavender. Zones: 4-9

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

ARCTIC FIRE - 5829

Perennial. 7 in. - 115,000 S. *D. deltoides.* Blooms profusely with frilly white serrated petals surrounding a deep fiery red eye. Dark green foliage forms a lush mat that develops into a dense edger or nice groundcover. Stunning around roses bushes. Weeks to flower: 12. Zones: 3-8

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

**Order Picture Tags by 12/25
& pay \$3.05 per 100**

when you order \$250.00 or more in plants, plugs & seeds.

DIANTHUS (continued)

AMAZON SERIES

⌘ ① **Perennial.** 18-36 in. - (F-1 Hybrid). *D. barbatus* interspecific. Can be grown as annual or perennial; does not require vernalization to initiate blooms. Can also be grown as a cut flower, 36 in. height in southwestern winters, or 18-24 in. height for the summer bedding plant. Weeks to flower: 12-13 Spring/Summer; 14-18 Summer/Winter. PELLETED SEED. Zones: 5

Neon Cherry - 5095PE ⌘ ①

Neon Purple - 5097PE ⌘ ①

Rose Magic - 5098PE ⌘ ①

Each bloom starts white, ages to pink, then finally to a deep rose.

Neon Duo - 5055PE ⌘ ①

Mixture of Neon Cherry and Neon Purple.

Neon Trio - 5000PE ⌘ ①

Mixture of Neon Cherry, Neon Purple and Rose Magic.

Each of the above: (26D9)	50 sds - \$9.35
100 sds - \$16.90	250 sds - \$32.60
500 sds - \$50.90	1,000 sds - \$88.40

BOUQUET SERIES

Crop failure. As a substitute, we suggest Rockin' Purple (pelleted).

BRILLIANCY - 5915

Perennial. 6 in. - 25,000 S. *D. deltoides*. Bright crimson. A low, mat-forming, evergreen perennial with tufts of linear, dark green foliage. A heavy bloomer! Zones: 3-8

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

CORONA SERIES

8-10 in. - (F-1 Hybrid). Larger blooms than competition, plus uniform flowering time and habit. Produces multiple flowers on a compact, mounded plant. Weeks to flower: 6-8. PELLETED SEED.

Cherry Red - 2334PE

Solid cherry color, with some flowers showing a darker red center.

Rose - 2335PE

Solid rose color, with some blooms showing a darker center.

Strawberry - 2336PE

Variable pattern in coral/salmon shades. Some flowers are solid coral, some are coral bicolor and some have a darker coral picotee against a lighter background.

White - 2337PE

Clean, clear white.

Mixture - 2338PE * *New for 2019*

A blend of all the above.

Each of the above: (26A9)	50 sds - \$7.20
100 sds - \$11.75	250 sds - \$21.15
500 sds - \$32.15	1,000 sds - \$54.65

DIANTHUS (continued)

DYNASTY SERIES

16-20 in. - (F-1 Hybrid). An outstanding double flowered series that produces carnation-type blooms. Light is required for the best germination. Excellent garden performer and cut flower. A tender perennial in many areas. PELLETED SEED.

Purple - 2280PE

Red - 2281PE

White Blush - 2283PE

Mixture - 2282PE

Each of the above: (25A9)	25 sds - \$7.20
50 sds - \$11.75	100 sds - \$16.85
250 sds - \$32.15	500 sds - \$53.50

FIRST LOVE - 5222

① **Perennial.** 15-20 in. - 26,000 S. (F-1 Hybrid). Flowers that change from pure white to deep rose. Fragrant blooms in Spring and Summer. Zones: 3-9

25 sds - \$11.15	50 sds - \$21.25
100 sds - \$32.50	250 sds - \$66.50
500 sds - \$114.00	(25I9)

FLASHING LIGHT - 5833

Perennial. 6-8 in. - 62,000 S. *D. deltoides*. A fascinating deep ruby red carried above a dark-leaved mat of foliage. Floriferous dwarf, tufted plants for bedding and rockwork. Hardy perennial. Zones: 3-8

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

IDEAL SELECT SERIES

8-10 in. - 14,000-42,000 S. (F-1 Hybrid). *Chinensis* x *barbatus*. Replaces Ideal Series. Early flowering with exceptional hardiness, tight flowering window across the entire series. Weeks to flower: 9-12.

Raspberry - 2403

Red - 4647

Rose - 2404

Violet - 2405 (All America Winner - 1992).

White - 2356

White Fire - 2369 White & red bicolor.

Mixture - 2300

Each of the above: (28E9)	100 sds - \$8.85
200 sds - \$15.75	500 sds - \$28.25
1,000 sds - \$46.50	2,000 sds - \$85.60

Salmon - Crop failure.. As a substitute, we suggest Ideal Select Raspberry.

Not just specializing in Flower & Vegetable Seeds...

Please refer to our separate Plant/Plug Catalog, listing over 15,500 varieties in over 50 sizes!

DIANTHUS (continued)

JOLT SERIES

10-24 in. - Large, fringed flower heads on strong stems that perform extremely well all summer long. Easy to grow and trouble-free for the annual gardener looking for neat and tidy low-maintenance flower varieties. The most heat tolerant Dianthus on the market. PELLETED SEED.

Cherry - 2285PE

Pink - 2286PE

(All America Winner - 2015). Bright pink.

Pink Magic - 2284PE

Flowers open white, then light pink and matures to dark pink.

SPRING BEAUTY DOUBLE MIXTURE - 5843

⌘ **Perennial.** 20 in. - 18,000 S. *D. plumarius*. (Cottage Pink). Special florist strain. Large 1 1/2 in. semi-double flowers in various shades of pink, rose, salmon and white. Zones: 5-9

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)

SUPER PARFAIT SERIES

6-8 in. - 36,000-44,500 S. (F-1 Hybrid). Large, 2 in. fringed flowers. Unique layering of rich colors on compact, uniform plants. Excellent pack and garden performance. Weeks to flower: 14-16. Zones: 5

Raspberry - 2371

Royal crimson with eye.

Red Peppermint - 2248

White with large bright red center.

Strawberry - 2372

Rich scarlet with eye.

Mixture - 2249

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

TELSTAR SERIES

8-10 in. - 25,000-47,500 S. (F-1 Hybrid). An early compact growing variety that will keep blooming until frost. Excellent heat tolerance.

Burgundy - 2299

Carmine Rose - 2352

Crimson - 2417

Picotee - 2361 (All America Winner - 1989). Bright crimson flowers with white fringed edges.

Pink - 2353

Purple - 2357

Purple Picotee - 2362

Violet purple flowers with white edges.

Scarlet - 2370

White - 2363 Pure white.

Mixture - 2360

Each of the above: (28F9)	100 sds - \$9.40
200 sds - \$17.10	500 sds - \$31.10
1,000 sds - \$51.50	2,000 sds - \$95.20

DIANTHUS continued on next page

DIANTHUS (continued)

VENTI PARFAIT SERIES

6-8 in. - 26,000 S. (F-1 Hybrid). Covered with super-sized, sweetly scented blooms. Clusters of extra large fringed flowers. Well branched and vigorous habit. Holds up well to early spring cool temperatures. Perfect for containers, combinations and mass plantings.

Crimson - 2251 Deep crimson red.

Crimson With Eye - 2252

Crimson center with pink edges.

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

WEE WILLIE - 2366

4 in. - 28,000 S. An extra dwarf strain in shades of red. An ideal plant for flat sales. Weeks to flower: 6-8.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

DASH MIXTURE (PELLETED) - 5206PE

Perennial. 15-20 in. - D. barbatus.

(F-1 Hybrid). Attractive, fragrant, long lasting blooms on long, strong, straight stems. Slightly compact and more basally branched than Sweet series. Weeks to flower: 13-15 in Spring; 15-17 in late Autumn/Winter.

50 sds - \$11.50	100 sds - \$22.10
250 sds - \$43.95	500 sds - \$69.65
1,000 sds - \$122.15	(26G9)

ZING ROSE - 5834

Perennial. 6 in. - 37,000 S. D. deltoides.

Bright rose flowers over thick green foliage. Will bloom all season until frost. Zones: 3-9

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

DIANTHUS-SWEET WILLIAM

Sweet William

26,000 sds/oz 64°-68° 7-14 days

D. barbatus. Including both tall and dwarf varieties, as well as single and double flowers, this class of dianthus is often referred to as Sweet William and is typically grown as a biennial. Likes well drained soil and full sun. Blooms June-September, Will flower the same year as sown. Will attract butterflies all season.

DOUBLE MIDGET MIXTURE - 5822

Perennial. 6-8 in. - 33,000 S. D. barbatus. (Pinocchio Dwarf Mixture). Produces a low mound of light green leaves, bearing showy clusters of bright double flowers in mixed shades from white through to pink, salmon and red, often with a contrasting eye. Excellent for edging or massing. Zones: 2-9

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)

HOLBORN GLORY - 5806

Perennial. 24 in. - 26,000 S. D. barbatus. Trusses of purplish-red flowers with a white ring bloom on straight, stiff stalks that are gorgeous when planted in masses or border edging.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

OESCHBURG - 5769

Perennial. 24 in. - 28,000 S. D. barbatus. Crimson-black foliage and deep violet purple flowers. Beautiful in the border and perhaps one of the most attractive cut flowers. Zones: 3-8

Each of the above: (31C9)	1,000 sds - \$7.60
2,000 sds - \$11.80	5,000 sds - \$21.85
10,000 sds - \$36.60	25,000 sds - \$77.10

DIANTHUS-SWEET WILLIAM (continued)

PINK BEAUTY - 5797

Perennial. 24 in. - 27,000 S. D. barbatus. Garden pink which features fringed, salmon pink flowers with maroon flecking and center disks. Flowers are pleasantly fragrant. After flowering, foliage remains attractive throughout the growing season as long as soils are given consistent moisture. Zones: 2-9

SCARLET BEAUTY - 5807

Perennial. 24 in. - 30,000 S. D. barbatus. Cheery single flowers in brilliant red are especially treasured in the garden for their bright color and strong fragrance. This compact cultivar is wonderful in rock or border gardens.

SINGLE FINEST MIXTURE - 5811

Perennial. 24 in. - 34,500 S. D. barbatus. A mixture of a bicolor red and white, pink, red and white. The blooms make an excellent cut flower. Scented flowers that attract butterflies and hummingbirds. Zones: 3-8

Each of the above: (31C9)	1,000 sds - \$7.60
2,000 sds - \$11.80	5,000 sds - \$21.85
10,000 sds - \$36.60	25,000 sds - \$77.10

SINGLE MIDGET MIXTURE - 5821

Perennial. 4-5 in. - 36,500 S. D. barbatus. (Indian Carpet). Traditional clusters of single flowers bloom in spring in shades of pink, red and white. Plants are great for rock gardens or patio containers. Zones: 2-9

WHITE (TALL) - 5804

Perennial. 24 in. - 24,500 S. D. barbatus. Extra large white flowers.

Each of the above: (31A9)	1,000 sds - \$6.90
2,000 sds - \$8.20	5,000 sds - \$13.25
10,000 sds - \$20.60	25,000 sds - \$40.85



Pink Magic



Purple

Rockin' Series

Perennial. 18-24 in. - (F-1 Hybrid). D. barbatus interspecific

Lacy, slightly scented flowers. The dynamite blooms will keep perennial borders rockin for years to come, thanks to its vivid colors, durable performance and count on it overwintering. PELLETED SEED. Zones: 5-8

Red - 5200PE

Pink Magic - 5201PE * New for 2019

Blooms open white and mature to light pink, then deep pink.

Purple - 5198PE * New for 2019

Lavender-purple.

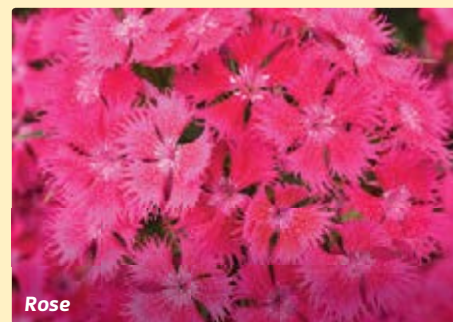
Rose - 5199PE * New for 2019

Deep rose.

Each of the above: (25D9)	25 sds - \$9.35
50 sds - \$16.90	100 sds - \$25.40
250 sds - \$50.90	500 sds - \$86.50



Red



Rose

DIANTHUS-SWEET WILLIAM (continued)

SUPER DUPLEX DOUBLE MIXTURE - 5819

Perennial. 18 in. - 29,500 S. *D. barbatus*. Extra large, double flowers. Bright range of beautiful colors.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

SWEET SERIES



Black Cherry

⌘ ① **Perennial.** 18-36 in. - 29,500 S. (F-1 Hybrid). *D. barbatus*. First cut flower series offered in separate colors with no vernalization required. Very uniform height and flowering time. First year flowering in spring and fall. Well-branched habit produces a showy display of blooms. Weeks to flower: 16-18. PELLETTED SEED. Zones: 5

Black Cherry - 5202PE ⌘ ①

Velvety deep red with black undertones.

Coral - 5211PE ⌘ ①

Purple White Bicolor - 5207PE ⌘ ①

Crisp white eye with purple ring.

Red - 5213PE ⌘ ①

Scarlet - 5209PE ⌘ ①

Mixture - 5215PE ⌘ ①

Each of the above: (26B9)	50 sds - \$7.90
100 sds - \$13.50	250 sds - \$24.90
500 sds - \$38.40	1,000 sds - \$65.90

DIASCIA

110,000 sds/oz 70° 5 days

After sowing, do not cover seeds.

Light is required for germination.

APRICOT QUEEN - 2180

* **New for 2019** 10-12 in. - 125,000 S.

Slender spikes of exquisite flowers. Petals are an appealing light apricot that spring from a mound of small, glossy, dark-green leaves. Superb for rockeries, borders and containers where it will repeat flowering to early autumn.

PINK QUEEN - 2184

* **New for 2019** 10-12 in. - 111,000 S.

Beautiful masses of soft, rose-pink flowers on bushy, trailing plants. Blooms continuously throughout the summer, as long as it doesn't get too hot. Perfect for containers and hanging baskets. Also makes a good groundcover at the edge of the border or along a path.

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

DICHONDRA, ARGENTEA

6,000 sds/oz 72°-76° 4-7 days

Cooler temps reduces growth; not frost tolerant.

EMERALD FALLS (MULTI-SEED) - 2447MP



2-4 in. - Excellent choice for hanging baskets, pots and mixed containers. Trails to 36 in. and will perform well as a groundcover. Attractive round, fan shaped foliage. Same as Silver Falls, but with green foliage. MULTI-SEED PELLETT contains 5-6 seeds per pellet. Weeks to flower: 11-12

SILVER FALLS - 2378



2-3 in. - 6,000 S. Rounded, fan-shaped silver stem and foliage 3/4-1 in. wide by 1/2-3/4 in. long. Vigorous growth, displays true cascading habit. Excellent hanging basket item, as well as a low growing ground cover. Performs best in full sun, very drought and heat tolerant. Branches well without pinching. Weeks to flower: 11-12 for 4 in.; 13-14 weeks for 10 in.

Each of the above: (25F9)	25 sds - \$9.90
50 sds - \$18.65	100 sds - \$28.25
250 sds - \$57.13	500 sds - \$97.50

DICTAMNUS

Gas Plant, Burning Bush

1,700 sds/oz 65°-70° 4 weeks

Frost germinator. Freeze seed for 2 weeks before sowing, do not use bottom heat.

A shrubby perennial with a pungent, lemon oil scent in its 5 - petalled 1 in. flowers. Leaves are leathery and glossy.

FRAXINELLA - 5858

⌘ **Perennial.** 30 in. - 1,500 S. Aromatic with glossy dark green leaves and showy spider-like flowers of mauve, rose or white with dark purple veins. Zones: 3-8

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

DIGITALIS

Foxglove

65° 10 days

For the best germination do not cover seeds after sowing in indented rows. Light will help germination. Blooms May - September. Nice cutflower. Will repel deer from the garden. A source of the heart healing drug. Does well in shade. Will attract hummingbirds and butterflies all season.

AMBIGUA - 5853

⌘ **Perennial.** 30 in. - 128,000 S.

D. grandiflora. Large, bell-shaped yellow flowers. Zones: 3-8

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

APRICOT BEAUTY - 5854

⌘ **Perennial.** 48 in. - 238,000 S.

D. purpurea. Soft apricot-pink flowers create the classic cottage garden look. Easy to grow in full sun to part shade. Prefers moist soil. Zones: 4-8 (34A9)

5,000 sds - \$7.70	10,000 sds - \$11.10
25,000 sds - \$20.45	50,000 sds - \$36.70

CAMELOT SERIES

⌘ **Perennial.** 42-48 in. - *D. purpurea*. (F-1 Hybrid). First F-1 hybrid.

Vigorous growing series ideal for cut flower production, or in the landscape. Recommended for 6 in. containers or larger. Prefers part shade or filtered sun. Spring flowering. PELLETTED SEED. Zones: 4-8

Cream - 5216PE ⌘

Lavender - 5218PE ⌘

Rose - 5220PE ⌘

White - 5217PE ⌘

Mixture - 5221PE ⌘

Each of the above: (26B9)	50 sds - \$7.90
100 sds - \$13.50	250 sds - \$24.90
500 sds - \$38.40	1,000 sds - \$65.90

CANDY MOUNTAIN - 5229

⌘ **Perennial.** 36-48 in. - 295,000 S.

D. purpurea. Peach flowers which turn lilac as blooms mature, encircle the tall, straight stems of this delectable Foxglove. The individual bell-shaped blooms face upwards, showing charming speckled throats irresistible to hummingbirds and gardeners alike. These large flower spikes are supported by thick stems that defy wind and rain. Zones: 4-8

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

CARILLON - 5855

① **Perennial.** 16 in. - 178,500 S.

D. grandiflora. Very dwarf plants are covered with attractive little yellow bells on short spires. Outstanding variety. Will flower the first year from seed. Zones: 2-8

500 sds - \$9.55	1,000 sds - \$16.55
2,000 sds - \$26.60	5,000 sds - \$53.90
10,000 sds - \$93.30	(30E9)

DIGITALIS (continued)

DALMATIAN SERIES

① **Perennial.** 16-20 in. - (F-1 Hybrid). D. purpurea. Fastest growing Digitalis on the market. Early flowering. Well-branched and compact foliage. Weeks to flower: 11-14. PELLETTED SEED. Zones: 5-9

Creme - 5223PE ①

Warmer white with red spots.

Peach - 5224PE ①

Unique peach blooms with very light, pink-rose spots.

Purple - 5226PE ①

Rose - 5225PE ①

Softer, lavender rose with red spots.

White - 5227PE ①

Mixture - 5228PE ①

A well balance mixture.

Each of the above: (26C9)	50 sds - \$8.65
100 sds - \$15.20	250 sds - \$28.75
500 sds - \$44.65	1,000 sds - \$77.15

EXCELSIOR - 5861

⊗ **Perennial.** 36-60 in. - 310,000 S. D. purpurea. Florets of this strain are carried either horizontal or nearly so and reveal the full effect of the markings inside the bells. A blend of colorful shades. Zones: 4-8

FOXY - 2377

⊗ 36 in. - 250,000 S. (All America Winner - 1967). This is an annual Digitalis that blooms profusely with colors of white, cream, yellow, rose and exciting red shades. The solid colors with contrasting spots are beautiful. Weeks to flower: 20-24. Zones: 4-9

Each of the above: (31A9)	1,000 sds - \$6.90
2,000 sds - \$8.20	5,000 sds - \$13.25
10,000 sds - \$20.60	25,000 sds - \$40.85

MERTONENSIS - 5863

⊗ **Perennial.** 30-36 in. - 135,000 S. Unique strawberry-red spikes. Hardy variety. Zones: 4-8

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

PAM'S CHOICE - 5230

⊗ **Perennial.** 36-48 in. - 322,500 S. D. purpurea. White flowers deeply spotted and blotched with dark maroon. Not as tall as some of the others and a real showstopper. Tubular flowers begin to open from the bottom of sturdy stalks and gradually upward to deliver a long blooming, elegant display. Attracts hummingbirds and bees. Zones: 5-9

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

DIGITALIS (continued)

PAM'S SPLIT - 5231

⊗ **Perennial.** 48 in. - 250,000 S. D. purpurea. Exciting and interesting as the white blooms with speckled throats and dark bold wine red markings have an intriguing split lower lip, giving a beautifully full ruffled effect. Unique in producing several elegant upright stems from the crown giving a more impressive and longer lasting summer display. Eye catching in borders or cottage gardens. Zones: 5-9

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

WHITE - 5860

⊗ **Perennial.** 36-48 in. - 312,500 S. D. purpurea. Pure white, good cut flower.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

DIMORPHOTHECA

Cape Marigold or African Daisy

10,000 sds/oz 60° 7 days

After sowing, cover seeds very lightly with media. Fine attractive bedding plant. Spreading habit.

AURANTIACA MIXTURE - 2382

10 in. - 14,000 S. Beautiful daisy flowers in shades of apricot, creamy white, orange and yellow spread sheets of color on rockeries, dry walls, parking strips, borders, large pots and tubs.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

DOLICHOS

Hyacinth Bean Vine

120 sds/oz 65°-70° 10 days

For the best germination, scratch or notch seeds and soak in warm water for 1 day before sowing.

LABLAB - 5800

⊗ **Climber.** 100 S. Attractive, fast-growing climber that produces purple and white bicolored flowers with green foliage and stiking electric-purple seed pods. Flowers are beautiful and fragrant and will attract butterflies and hummingbirds. A tender perennial in many areas. Makes a beautiful privacy screen for your yard.

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

LABLAB RUBY MOON - 5849

⊗ **Climber.** 100 S. A very showy climber with purple stems, lilac-rose blooms and shiny magenta seed pods. A tender perennial in many areas. Do not confuse the superior performance of Ruby Moon with many common types available.

25 sds - \$7.20	50 sds - \$11.75
100 sds - \$16.85	250 sds - \$32.15
500 sds - \$53.50	(25A9)

DORONICUM

Leopard's Bane

35,000 sds/oz 60°-70° 21 days

For the best germination do not cover seeds after sowing. Light will help germination. 2 to 2-1/2 in. Gerbera-like flowers, fine for cutting.

LEONARDO COMPACT - 6633

① **Perennial.** 8-12 in. - D. orientale. One of the earliest daisy-flowered perennials to bloom, these make a bright display in the spring garden. Uniform flowering up to two weeks earlier than other varieties. Plants form a bushy mound of fresh green leaves, bearing loads of large yellow daisies for several weeks. Excellent for combining with tulips or other spring blooming bulbs. Foliage may go dormant in summer, particularly in hot, humid regions. Clumps may be easily divided in early fall. This strain boasts an even, uniform habit. Compact habit works great in quart and gallon pots. Weeks to finish: 17-20. Zones: 4-7

100 sds - \$9.40	200 sds - \$17.10
500 sds - \$31.10	1,000 sds - \$51.50
2,000 sds - \$95.20	(28F9)

LITTLE LEO - 5850

Perennial. 12-15 in. - 28,000 S. D. orientale. Very early, 2 1/2 in. bright yellow semi-double blooms. Dwarf, compact habit make it ideal for spring pot sales.

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

DRACAENA

7,500 sds/oz 80° 3-5 weeks

For best results, we suggest soaking the seed in warm water for 5-7 days before sowing. Change water daily to avoid fermentation. Sow seeds and cover with 1/16 in. of media, alternate soil temperature of 85° days and 70° nights.

INDIVISA - 2388

20-36 in. - 6,000 S. A popular spiked foliage plant often used to provide height and contrast. This unique and very hardy plant can be grown at any light level. Add intrigue to your garden or container.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)



Digitalis Pam's Split

ORDER ONLINE at germaniaseed.com
Place your Seed or Plug order online, 24 hours a day, 7 days a week

DUSTY MILLER

40,000-74,000 S. sds/oz 65°-70° 10 days
After sowing, do not cover seeds.

CANDICANS - 2409



6-12 in. - 46,700 S. Unusual silvery gray-white foliage provides attractive contrast to bold colored or intensive colored garden flowers. Its leaves can be entire, deeply lobed or intricately lacy. Their frosty leaves accentuate other colors in the garden. Once established, they will thrive for several years.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

CIRRUS - 2410

10-12 in. - 40,000 S. A versatile foliage plant with silvery dusted leaves, somewhat similar to an oak leaf, with silvery, fuzzy stems. A fantastic companion plant for highlighting blossoms from other surrounding plants.

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

NEW LOOK (PELLETED) - 2418PE

12 in. - Senecio Cineraria. This variety offers a new look in comparison to existing varieties. The large, oak-leaf shaped white leaves are ideal for borders and combination plantings.

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

SILVER DUST - 2415

10 in. - 74,000 S. Senecio Cineraria. Very fine silvery-white, wooly foliage. Excellent habit makes it ideal for borders, bedding or combinations.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

SILVER DUST (PELLETED) - 2415PE

10 in. - 14,500 S. Senecio Cineraria. Very fine silvery-white foliage. Excellent habit makes it ideal for borders, bedding or combinations.

500 sds - \$8.80	1,000 sds - \$14.75
2,000 sds - \$23.30	5,000 sds - \$46.55
10,000 sds - \$79.90	(30D9)

ECHINOPS

Globe Thistle

2,000 sds/oz 65°-70° 2 weeks

For the best germination do not cover seeds after sowing. Light will help germination. Blooms July - September. Nice cutflower, fresh or dried. Will attract butterflies all season.

RITRO - 5871

☞ **Perennial.** 24-36 in. - 2,000 S. Clean Seed. Globular, metallic blue flower heads on wooly stems. Outstanding fresh or dried. Zones: 3-8

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

STAR FROST - 5870



☞ ① **Perennial.** 36-40 in. - 1,800 S. E. bannaticus. Shorter and better branched than other species, with golf-ball size, silver white blooms and deep green foliage with silver undersides. Dries well for winter arrangements. Zones: 3-8

25 sds - \$7.20	50 sds - \$11.75
100 sds - \$16.85	250 sds - \$32.15
500 sds - \$53.50	(25A9)

ERIGERON

Fleabane, Spanish Daisy

65°-70° 2 weeks

Will bloom May-August of the same year from sowing. Roman naturalists detected that this herb repelled fleas - this is where the name fleabane was derived from. Grow in your garden to control insects by rubbing the leaves on your clothing or pets to repel fleas, mosquitoes, ticks, gnats, and flies. Nice cut flower.

AZURE FAIRY - 5874

☞ ① **Perennial.** 18 in. - 120,000 S. Semi-double lavender-blue, aster like flowers with golden yellow centers. Zones: 2-8

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

PROFUSION - 5876

Perennial. 8-10 in. - 400,000 S. This hardy perennial will flower in just 3 months from seeding. The beautiful white changing to pink flowers will bloom all summer. The 1/2 to 3/4 in. daisy-like flowers are outstanding for beds, borders, tubs and hanging baskets. Zones: 6-9

500 sds - \$8.80	1,000 sds - \$14.75
2,000 sds - \$23.30	5,000 sds - \$46.55
10,000 sds - \$79.90	(30D9)

ERYNGIUM

Sea Holly

6,000 sds/oz 65°-75° 7-10 days

For the best germination, freeze seed 3-5 days before sowing. Will bloom June-September.

ALPNUM SUPERBUM - 5879

☞ **Perennial.** 30 in. - 4,000 S. One of the showiest sea hollies. The metallic stems and large thistle like heads mature to an intense steel blue-purple surrounded by a collar of soft blue spines. Zones: 4-8

250 sds - \$11.50	500 sds - \$22.00
1,000 sds - \$34.50	2,000 sds - \$60.00
5,000 sds - \$126.50	(29E9)

BLUE GLITTER - 5916

☞ ① **Perennial.** 36-40 in. - 20,000 S. E. planum. Only first year flowering Eryngium! Small, shimmering blue pincushion flowers. A durable perennial with long stems, ideally used for garden borders and as a fresh and dried cut flower. Zones: 4-8

50 sds - \$12.90	100 sds - \$25.55
250 sds - \$51.65	500 sds - \$82.15
1,000 sds - \$144.65	(26I9)

BLUE HOBBIT - 5917



Perennial. 10-12 in. - 27,000 S. E. planum. First genetically compact Eryngium on the market! Tight silver-blue stems form a globe-like flower head. Requires vernalization. Weeks to flower: 28-32. Zones: 4-8

PURPLE SHEEN - 2262

☞ 30 in. - 31,000 S. E. leavenworthii. An eye catching architectural thistle with vibrant metallic purplish-red flower stems and bracts.

Each of the above: (26E9)	50 sds - \$9.90
100 sds - \$18.65	250 sds - \$36.40
500 sds - \$57.15	1,000 sds - \$99.65

RATTLESNAKE MASTER

Sorry, no longer available.

PLANUM - 5882

☞ **Perennial.** 24-30 in. - 19,000 S. A coarse, thistle-like, clump forming sea holly noted for producing an abundant crop of glittering steel blue flower heads on heavily branched stems. Easy to germinate and grow. Zones: 5-9

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)



Cheyenne Spirit



Mellow Yellows



Green Twister



Prairie Splendor Deep Rose

ECHINACEA

Coneflower
(Formerly named *Rudbeckia purpurea*)
7,000 sds/oz 70° 20 days

Outstanding cut flower, blooms July-September. Will flower the first year from seed. Will attract butterflies, hummingbirds, and songbirds all season as well as help repel deer. Praised for their cheerful brightly colored flowers, coneflowers are a mainstay in today's garden. Be sure to leave some spent blooms on the plants in the fall because their seeds provide winter food for finches and other birds. Echinacea is best known for its ability to stimulate the body's immune system, especially against colds, flu and other acute infections. Today, science uses this herb to treat burns, eczema, cold sores, herpes, and arthritis.

BABY WHITE SWAN - 6494

Perennial. 15-20 in. - 10,000 S. *E. purpurea*. (Cygnet White). A pocket size version of White Swan. Richly-branched and compact habit. Zones: 3-8

100 sds - \$9.90	200 sds - \$18.50
500 sds - \$33.95	1,000 sds - \$56.50
2,000 sds - \$104.80	(28C9)

BRAVADO - 6224

Perennial. 48 in. - 8,000 S. *E. purpurea*. The ultimate selection in ornamental Echinaceas. Extra large rosy-red flowers with a maroon center. If the petals are removed, the center can be used as an ornamental; dried or fresh. Heat tolerant and winter hardy. Zones: 3-8

250 sds - \$7.60	500 sds - \$13.40
1,000 sds - \$20.30	2,000 sds - \$34.30
5,000 sds - \$70.85	(29B8)

CHEYENNE SPIRIT - 6217

Perennial. 18-30 in. - 7,000 S. *E. hybrida*. (All America Winner - 2013). Brilliant color range features sought after shades of red, orange, purple, scarlet, cream, yellow and white in an interesting mixture. Excellent genetics for extremely well-branched plants means more flowers on every plant. Attracts birds and butterflies.

10 sds - \$7.40	25 sds - \$15.80
50 sds - \$26.30	100 sds - \$41.00
250 sds - \$90.70	(24E8)

ECHINACEA (continued)

GREEN TWISTER - 6492

Perennial. 24-36 in. - *E. purpurea*. A unique and striking bicolor. Abundant blooms with horizontally-arranged, lemon-green petals. The lively green bloom will show natural variations in the color and size of the green edge. Petals will transition to a light pink or carmine-red color near the center cone. Zones: 3-8

25 sds - \$8.55	50 sds - \$16.15
100 sds - \$24.55	250 sds - \$49.90
500 sds - \$85.70	(25D8)

MAGNUS - 6231

Perennial. 40-48 in. - 7,500 S. (Perennial Plant of the Year). *E. purpurea*. Large, 4 in. rose-red blooms with a dark rose center. Ideal for borders or cut flower. Very hardy. Zones: 3-8

250 sds - \$7.60	500 sds - \$13.40
1,000 sds - \$20.30	2,000 sds - \$34.30
5,000 sds - \$70.85	(29B8)

MELLOW YELLOWS - 6459

New for 2019 Perennial. 30 in. - *E. purpurea*. Beautiful spectrum of yellow shades, creamy, lemon and dark yellow. Abundant and long lasting blooms. Attracts butterflies and other pollinators. Zones: 4-8

25 sds - \$7.80	50 sds - \$14.40
100 sds - \$21.75	250 sds - \$43.85
500 sds - \$74.70	(25C8)

ECHINACEA (continued)

POW WOW WHITE - 6603

Perennial. 16-24 - 7,000 S. *E. purpurea*. Pure, clean white with yellow center. More flowers per plant than any Echinacea on the market both first and second year. Well-branched and more uniform for a fuller look. Weeks to flower: 20. Zones: 4-9

POW WOW WILD BERRY - 6460

Perennial. 16-24 in. - 7,000 S. *E. purpurea*. (All America Winner). Gardeners will love the deep rose-purple 3-4 in. flowers that will retain color on the plant longer. More flowers per plant compared to other Echinacea varieties on the market. Weeks to flower: 20. Zones: 4-9

Each of the above: (25F8)	25 sds - \$9.30
50 sds - \$17.85	100 sds - \$27.45
250 sds - \$56.30	500 sds - \$96.70

PRAIRIE SPLENDOR

Compact Rose - 6226

Perennial. 14-16 in. - 6,000 S. *E. purpurea*. Better branching and more compact than traditional varieties. Beautiful rose petals you can count on. Great perennial that appeals to all gardeners. Makes a very distinctive potted plant. Weeks to finish: 11-13 (without vernalization and 21-23 (with vernalization). Zones: 3-9

Compact White - 6680

Perennial. 14-16 in. - 8,000 S. *E. purpurea*. Extra large compact white blooms. Vernalization is beneficial, but not necessary, producing larger spring plants. Weeks to flower: 11-13. Zones: 3-9

Each of the above: (26G8)	50 sds - \$10.70
100 sds - \$21.30	250 sds - \$43.25
500 sds - \$68.85	1,000 sds - \$121.35

All Seed orders are shipped the same day received - most within 4 hours!

Volume Discounts available on these prices. See Terms & Conditions page for details.

ECHINACEA (continued)

PRAIRIE SPLENDOR DEEP ROSE - 6679

① **Perennial.** 22-24 in. - 7,000 S.
E. purpurea. Flowers at a shorter height and 2-4 weeks earlier than other varieties, extending the flowering period from late June to the first frost. The 4-6 in. rose-pink flowers are presented atop compact, well branched plants. Excellent landscape performance. Zones: 3-9

100 sds - \$8.05	200 sds - \$14.95
500 sds - \$27.45	1,000 sds - \$45.70
2,000 sds - \$84.80	(28E8)

PRIMADONNA WHITE - 6467

⊗ ① **Perennial.** 28-32 in - 8,000 S.
E. purpurea. Primed seed. Large 4-5 in. pure-white flowers. Better plant habit and flower form than White Swan.
Weeks to flower: 18-24. Zones: 3-8

100 sds - \$8.60	200 sds - \$16.30
500 sds - \$30.30	1,000 sds - \$50.70
2,000 sds - \$94.40	(28F8)

PURPUREA - 6219

⊗ **Perennial.** 48 in. - 7,500 S. E. purpurea.
A hardy perennial with reddish-purple flowers. Ideal for borders or as a cut flowers. Zones: 4-10

1,000 sds - \$6.90	2,000 sds - \$9.40
5,000 sds - \$16.95	10,000 sds - \$28.00
25,000 sds - \$58.40	(31B8)

RUBY STAR - 6495

⊗ **Perennial.** 24 in. - 10,000 S. E. purpurea.
Intense carmine-red flowers. Shorter petals that extend outward instead of drooping with a wider disk. Deep stem color.
Zones: 3-8

50 sds - \$6.90	100 sds - \$10.95
250 sds - \$20.35	500 sds - \$31.40
1,000 sds - \$53.85	(26A8)

WHITE SWAN - 6223

⊗ ① **Perennial.** 36 in. - 10,000 S.
E. purpurea. A hardy perennial that will bloom the first year if sown early.
Pure white 4 in. flowers. Zones: 3-8

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)



Eucalyptus Silverdollar

ERYSIMUM

18,000 sds/oz 68° 14 days

CANARIES YELLOW - 6052

Perennial. 12 in. - E. hybridum. First color to kick off early spring. Clusters of delicate canary golden yellow flowers from March to May will provide early season bee pollen. A great plant for a rock garden or a flowering pot plant for the patio. Zones: 4

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

CITRONA ORANGE - 6060

① **Perennial.** 8-12 in. - 12,000 S.
An abundance of highly-colored flowers have a nice, clean fragrance. Comparable to pansies for crop time, culture and flowering.
Weeks to flower: 11-12.

50 sds - \$9.35	100 sds - \$16.90
250 sds - \$32.60	500 sds - \$50.90
1,000 sds - \$88.40	(26D9)

ESCHSCHOLZIA

California Poppy

18,000 sds/oz 70° 7-10 days

Regarded as a tender perennial in many areas. Whenever possible, direct seed. Flowers close every night.

GOLDEN WEST - 3634

12 in. - 18,000 S. A spectacular bloomer producing beautiful, soft, golden yellow cup shaped flowers with orange hearts. These have a habit of opening and closing with the sun, appropriate for their native Golden State.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

EUCALYPTUS

65°-75° 2 weeks

BABY DWARF FLORIST BLUE - 6691

⊗ **Perennial.** 12-30 in. - 31,500 S.
E. pulverulenta. An absolute favorite with floral artists. The more you pick, the bushier the plant becomes, giving you more useful foliage. Foliage is an intense silvery blue with round leaves that appear to grasp the stem. Good species for the smaller garden plot or grow in an air-pot on your terrace.
Zones: 8-11

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

BABY DWARF FLORIST BLUE (ENHANCED) - 6691EN

* **New for 2019** ⊗ **Perennial.** 12-30 in. - E. pulverulenta. Young foliage is strikingly silvery-grey and round in form. Retains its bluish juvenal color. Very fragrant foliage. Excellent for use as a cut foliage item for floral arrangements. Great in patio pots or as a house plant. Enhanced for better germination. Zones: 8-11

50 sds - \$7.90	100 sds - \$13.50
250 sds - \$24.90	500 sds - \$38.40
1,000 sds - \$65.90	(26B9)

EUCALYPTUS (continued)

GLOBULUS (BLUE) - 5881

⊗ **Perennial.** 42,000 S. (Blue Gum). Broad, shiny leaves on smooth gray-white stems.

50 sds - \$8.65	100 sds - \$15.20
250 sds - \$28.75	500 sds - \$44.65
1,000 sds - \$77.15	(26C9)

LEMON BUSH - 5464

Perennial. 36-60 in. - 5,600 S. A quick and easy to grow species with slender stems and unusual sword shaped silvery green foliage, which becomes tinged with red as autumn approaches. Crush the foliage and it gives off a refreshing spicy lemon aroma which is known to deter mosquitos. Ideal for indoor or patio. Zones: 9

25 sds - \$10.40	50 sds - \$19.55
100 sds - \$29.65	250 sds - \$60.25
500 sds - \$103.00	(25G9)

SALIGNA - 6681

⊗ **Perennial.** 8,800 S. (Sydney Blue Gum). Bark is smooth with a powdery white or grey color. Typically grown as a cut flower Annual. Young leaves are ovate and are glossy green to dark green. Adult leaves are narrow tapering toward the base and are dark green. Could reach up to 150 feet tall.
Zones: 9-10

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

SILVERDOLLAR - 6682

⊗ ① **Perennial.** 72-120 in. - 45,000 S.
E. cinerea. Attractive blue-green, coin shaped juvenile leaves, opposite on the pendulous stems. Elegant for cut foliage. A choice evergreen rounded shrub or shade tree, withstanding heat, dry conditions and wind when established. Suitable as a container specimen for patio, conservatory or in a bright indoor space. Zones: 8-10

50 sds - \$8.65	100 sds - \$15.20
250 sds - \$28.75	500 sds - \$44.65
1,000 sds - \$77.15	(26C9)

SILVERDOLLAR GUM - 6689

⊗ **Perennial.** 43,500 S. E. polyanthemos. A fast growing tree with an upright, rounded to irregularly shaped habit. The gray green oval leaves are attached to the white stems by long leaf petioles which make the leaves dangle. A peppermint scent is released when leaves are crushed. Popular variety in cut flower arrangements

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

SILVERDROP - 6683

⊗ **Perennial.** 35,000 S. E. gunnii. (Blue Gum). Small, round, blue-green leaves that appear to be strung on their upright arching stems. Beautiful in flower arrangements, whether fresh or dried. The most popular foliage for fresh, dried or preserved use.

100 sds - \$11.15	200 sds - \$21.25
500 sds - \$39.65	1,000 sds - \$66.50
2,000 sds - \$124.00	(28I9)

EUPHORBIA

1,700 sds/oz 60°-65° 2-3 weeks

Soak seeds in water for 24 hours prior to sowing. The seeds must swell and 'crack' open to germinate

GLAMOUR - 2426



15-24 in. - Improved for 2019! 14,000 S. E. graminea. Very dark green foliage and with bright white flowers. Takes heat and drought, rebounds fast from weather. Low maintenance, no deadheading required. Great solo in the landscape bed or as a mixer with other vigorous flowering annuals.

GLITZ - 2425



10-14 in. - 17,000 S. (F-1 Hybrid). E. graminea. A glorious variety, sporting masses and masses of tiny white blooms held at the very tip of finely cut, pastel-green stems. Beautiful at all times, they show a special effect at twilight, when the tiny blooms linger in the gleaming night like a thousand points of light. Use in the garden like a florist uses Baby's Breath, it spills delightfully over the sides of baskets and windowboxes, mounding gracefully. Heat and drought tolerant. Mid vigour and good branching. The ideal filler for containers of all types.

Each of the above: (25F9) 25 sds - \$9.90
50 sds - \$18.65 100 sds - \$28.25
250 sds - \$57.13 500 sds - \$97.50

MYRSINITES - 5883

Perennial. 6 in. - 2,500 S. Gray trailer, succulent-like silvery green foliage with brilliant yellow flowers in April-July. Zones: 5-9

100 sds - \$9.40 200 sds - \$17.10
500 sds - \$31.10 1,000 sds - \$51.50
2,000 sds - \$95.20 (28F9)

Gaillardia

Blanket Flower

7,000 sds/oz 70° 5-15 days

After sowing seed, cover lightly with vermiculite. Light will help germination. Showy, daisy-like flowers held above lobed, hairy foliage. Excellent for borders or as a cut flower. Blooms June - September. Will flower the first year from seed.

EUPHORBIA (continued)

POLYCHROMA - 5884

Perennial. 15-18 in. - 8,000 S. Bushy plants with bright yellow bracts in April changing to rosy bronze in the fall. Zones: 4-7

100 sds - \$8.25 200 sds - \$14.35
500 sds - \$25.40 1,000 sds - \$41.50
2,000 sds - \$76.00 (28D9)

VARIEGATA - 2424

☞ 35 in. - 1,400 S. E. marginata. (Snow on the Mountain, Mountain Snow). Pure white bracts contrast well with green foliage. Grown as much for its foliage as for its flowers, small but showy leaves may be light green, variegated or entirely white. Foliage variegation occurs when days begin to shorten. Tiny flowers, each with whitish, petal-like bracts, are borne in clusters atop the strong stems. Long vase life. Productive, elegant filler for bouquets.

250 sds - \$6.90 500 sds - \$11.20
1,000 sds - \$16.20 2,000 sds - \$26.40
5,000 sds - \$52.90 (29A9)

FELICIA

20,000 sds/oz 70°-80° 20 Days

SPRING MERCHEN MIXTURE - 2411

6-8 in. - 20,500 S. (Blue Daisy). Dwarf, heavily branched plant with attractive 1 1/4 in. flowers that are mostly sky blue with pink, rose, and purple. Ideal for packs, pots, or tubs.

50 sds - \$7.20 100 sds - \$11.75
250 sds - \$21.15 500 sds - \$32.15
1,000 sds - \$54.65 (26A9)

FLAX

Annual Flax, Common Flax, Linseed Flax

6,500 sds/oz 55°-65° 10 days

Sow outdoors, 1/2 in.-1 in. apart, in early spring when a light frost is still possible. Full sun in well-drained, fertile soil. Grows best when the plants are grown close together, about 40 plants per square foot.

PODDED FLAX - 3405

☞ 18-36 in. - 2,500 S. Linum usitatissimum. (Common Flax). A must have of pea-shaped seed pods on long, strong stems. Lovely soft green color when fresh, drying to a soft beige, but may be dyed or sprayed. Before the pods form the masses of short-lived, sky blue blooms makes this a lovely addition to garden borders.

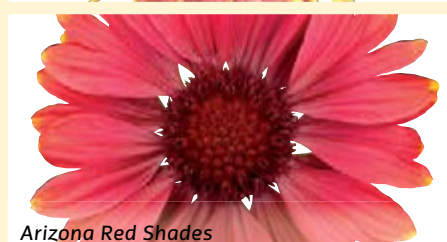
500 sds - \$6.90 1,000 sds - \$9.35
2,000 sds - \$13.40 5,000 sds - \$24.40
10,000 sds - \$40.30 (30A9)



Arizona Apricot



Arizona Sun



Arizona Red Shades

ARIZONA APRICOT - 6810

① **Perennial.** 12 in. - 10,400 S. (All America Winner - 2011). G. grandiflora. Distinctive apricot flower color of the 3-3 1/2 in. daisy-like flowers, described as exceptionally lovely and lighter in color than traditional gaillardia. Blooms have yellow edges that deepen to a rich apricot in the center. Compact, free-flowering plants offer bright green foliage and a tidy uniform habit. Great impact in pots, mixed containers or the landscape. Zones: 2-10

ARIZONA RED SHADES - 6811

① **Perennial.** 12 in. - 10,800 S. G. grandiflora. Produces masses of deep crimson flowers. Flowers as early and uniform as highly awarded Arizona Sun. Thrives under a wide variety of climatic conditions. Weeks to flower: 13-14. Zones: 2-10

ARIZONA SUN - 5893

① **Perennial.** 8-10 in. - 10,500 S. G. grandiflora. (All America Winner - 2005). (Fleuroselect Gold Medal). Compact, bushy plants are early blooming and thrive in the hot sun; very heat and drought tolerant. Abundant, 2-3 in. flowers are bright red with yellow tips. Weeks to flower: 13-14. Zones: 2-10


Each of the above: (28G9) 100 sds - \$9.90
200 sds - \$18.50 500 sds - \$33.95
1,000 sds - \$56.50 2,000 sds - \$104.80

BIJOU - 5930

Perennial. 10 in. - 10,000 S. G. grandiflora. Shortest of the Gaillardias. Hot red petals and points tipped with yellow. The ends of the petals have a torn, ruffled appearance. Zones: 3-9

100 sds - \$7.70 200 sds - \$12.90
500 sds - \$22.55 1,000 sds - \$36.50
2,000 sds - \$66.40 (28C9)

BURGUNDY - 5896

 **Perennial.** 28 in. - 10,000 S.
G. grandiflora. Wine-red flowers. Will flower the first year from seed. Zones: 2-9

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)


GOBLIN - 5898


Perennial. 12 in. - 12,000 S. G. grandiflora. Red and yellow bicolor. Zones: 2-10


250 sds - \$10.40	500 sds - \$19.30
1,000 sds - \$29.90	2,000 sds - \$51.60
5,000 sds - \$108.15	(29D9)


MESA SERIES

Perennial. 16-18 in. - 7,100 S. G. grandiflora. (F-1 Hybrid). Clean seed. Intense, non-fading color all season on upright, well branched plants that perform well in landscapes and mixed containers. Vigorous, but still maintains a controlled height. Very drought tolerant once established. Weeks to flower: 16-18 Zones: 5

Bright Bicolor - 5452  Bright red flowers with a bright yellow band.

Peach - 5454  Bright yellow blooms with orange at the base of the petals.

Red - 5455 

Yellow - 5453  (All America Winner - 2010). Clean, bright yellow (not gold).

Each of the above: (25A9)	25 sds - \$7.20
50 sds - \$11.75	100 sds - \$16.85
250 sds - \$32.15	500 sds - \$53.50



Mesa Bright Bicolor



Mesa Yellow



Mesa Peach




Mesa Red

GAURA

1,500 sds/oz 70° 10-20 days

Light will help germination.

LINDHEIMERI (THE BRIDE) - 5901

 **Perennial.** 36-42 in. - 3,000 S. Plants will produce 1 in. single white flowers which mature to pink early every Spring and Fall. Outstanding cut flower. Will flower the first year from seed.

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

SPARKLE WHITE - 5902

Perennial. 10-12 in. - 1,750 S. (All America Winner - 2014). Bring a touch of airy elegance to the garden with long slender stems sporting a large number of dainty white flowers tinged with a pink blush. This beauty is perfect mass planted in sun-drenched landscape beds, in groupings with other perennials or in larger containers. Home gardeners will appreciate that this season-long bloomer also has excellent heat tolerance and a more uniform flowering habit than other seed gauras.

25 sds - \$7.20	50 sds - \$11.75
100 sds - \$16.85	250 sds - \$32.15
500 sds - \$53.50	(25A9)

GAZANIA

12,000 sds/oz 65°-70° 10-12 days

All varieties of Gazania are cleaned seed.

For the best germination, cover seeds lightly after sowing, needs darkness to germinate.

BIG KISS SERIES

8-10 in. - 14,000 S. (F-1 Hybrid). Unique colors and patterns. Big, 4-5 in. blooms on strong stems are held high above the foliage. Loves the heat and adapts to water stress. Weeks to flower: 13-15.

Orange - 3520

Red - 3542

White - 3540

Bright white with a nice dark ring.

White Flame - 3537 Improved for 2018!

Yellow - 3543

Yellow Flame - 3538

Mixture - 3539

Includes White Flame and Yellow Flame.

Each of the above: (26D9)	50 sds - \$9.35
100 sds - \$16.90	250 sds - \$32.60
500 sds - \$50.90	1,000 sds - \$88.40

GAZOO SERIES

10 in. - 12,000 S. Show-stopping extra large, 3 in. flowers are displayed on strong stems and vigorous plants makes this a real winner in the garden. Bred for 4 in. pots and gallons.

Orange With Ring - 2258

Red With Ring - 2259

Mixture - 2574 A formula mixture of unique, clear and ringed colors.

Each of the above: (28E9)	100 sds - \$8.85
200 sds - \$15.75	500 sds - \$28.25
1,000 sds - \$46.50	2,000 sds - \$85.60

GAURA (continued)

KISS SERIES

8-10 in. - 11,000-21,000 S. (F-1 Hybrid). Mounded plant habit, short stems with large, daisy-like flowers form a full bouquet. Bred for early, uniform and controlled habit, no growth regulators required. Well suited for 4 in. pots or full sun in the garden. Weeks to flower: 13-15.

Frosty Orange - 3515

Frosty Red - 3512

Orange - 3525

Orange Flame - 3529

Rose - 3526

Yellow - 3528

Yellow Flame - 3517

Frosty Kiss Mixture - 3518

A formula mixture of silverleaf colors that are not currently available within this series.

Mixture - 3524

Each of the above: (26B9)	50 sds - \$7.90
100 sds - \$13.50	250 sds - \$24.90
500 sds - \$38.40	1,000 sds - \$65.90

GOLDEN FLAME

Crop failure. As a substitute, we suggest Kiss Yellow Flame.

NEW DAY SERIES

8-10 in. - 5,000 S. (F-1 Hybrid). More compact, robust plants with larger flowers held on shorter stems. Great for containers or in the garden as an edging or ground cover. Drought tolerant once established. Usually grown as a summer annual, may be grown as a perennial in zones 9-10. COATED SEED.

Red - 2433PE

Mixture - 2431PE

Colors include Bronze Shades, Clear Orange, Pink Shades, Red Shades, White and Yellow.

Each of the above: (28F9)	100 sds - \$9.40
200 sds - \$17.10	500 sds - \$31.10
1,000 sds - \$51.50	2,000 sds - \$95.20

TALENT MIXTURE - 2420

5 in. - 11,000 S. (F-1 Hybrid). Unique but well known for the silvery-gray foliage that is a backdrop to the bronze, orange, rose, white and yellow flowers makes this a pretty collection of treasured flowers. Repeating whenever weather is warm and sunny, the daisy like flowers feature a golden or orange eye surrounded by broader ray petals that may or may not have darker rings. Ideal for full sun borders or beds.

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

Personal service is the foundation of our business since 1932.

GERANIUM, F-1 HYBRID

6,500 sds/oz 70°-75° 7-20 days

Temperature is very important, maintain 75° soil temperature during the germination period of 7-20 days. Space seed 1/4 in. apart in rows 2 in. wide. Use only sterilized media and cover lightly. Maintain an even moisture level throughout the entire process. Use a growth retardant for compact habit and early flowering.

The bushy, vigorous plants are self branching; no pinching by the grower is necessary. The extra F-1 Hybrid vigor of these varieties assures strong growth and free blooms until frost, and extremely versatile crop - may be grown in packs or pots. All seed is scarified for better germination.

BLACK VELVET ROSE - 2573

14 in. - 6,000 S. (F-1 Hybrid). (All America Winner - 2002). (Formerly Black Magic Rose). Bright rose flowers contrast attractively to the distinct bicolor leaf pattern, a deep zoned center with green leaf edging. The dark foliage contrasts beautifully with the bright rose umbels.

25 sds - \$11.50	50 sds - \$22.10
100 sds - \$33.95	250 sds - \$69.65
500 sds - \$119.50	(25J9)

BULLSEYE SERIES

13-15 in. - 6,000-7,000 S. (F-1 Hybrid). Rich chocolate foliage adds contrast to the beautiful blooms. Foliage retains its chocolate color even under high light conditions. Flowers 5-7 days later than Maverick. Weeks to flower: 14-16.

Cherry - 2289

Light Pink - 2290

Red - 2293

Salmon - 2291

Scarlet - 2292

Each of the above: (25C9)	25 sds - \$8.65
50 sds - \$15.20	100 sds - \$22.55
250 sds - \$44.65	500 sds - \$75.50

MULTIBLOOM SERIES

10-12 in. - 5,000 - 6,000 S. (F-1 Hybrid). One of the earliest varieties on the market! Very early, with compact uniform habit, and numerous (15-30 stems) flower heads. Deep green foliage with dark zones. Ideal for pot, pack and plug production. All varieties are heavily zoned, except for white. Weeks to flower: 10-12.

Capri - 2500 Coral-rose.

Pink - 2519

Red - 2562

Salmon - 2563 Mid-salmon.

White - 2565 Pure white.

Mixture - 2542

Each of the above: (26H9)	50 sds - \$12.20
100 sds - \$23.85	250 sds - \$47.85
500 sds - \$75.90	1,000 sds - \$133.40

Violet - Discontinued. As a substitute, we suggest Maverick Violet.

GERANIUM F-1 HYBRID (continued)

MAVERICK SERIES

14-16 in. - 5,000-6,000 S. (F-1 Hybrid). Specially bred for consistent, reliable bench performance. This series is easy to grow and uniform to flower, with large 4-5 in. flower heads. Open plant habit allows for multiple flower stems, early flowering, and less yellowing of the leaves. Ideal in 4-6 in. pots or larger containers.

Weeks to flower: 12-15.

Appleblossom - 2532 Light pink

Coral - 2501

Orange - 2504 Improved for 2019!

Pink - 2544

Quicksilver - 2536 Silvery- lavender.

Red - 2545

Rose - 2506

Salmon - 2556

Scarlet - 2557

Scarlet Picotee - 2508 Scarlet with eye.

Star - 2503

White with deep pink blush and eye.

Violet - 2499 Violet-rose.

Violet Picotee - 2587

Rich magenta-purple with a pale pink reverse edged in magenta.

White - 2558

Mixture - 2475

Each of the above: (26H9)	50 sds - \$12.20
100 sds - \$23.85	250 sds - \$47.85
500 sds - \$75.90	1,000 sds - \$133.40

PINTO SERIES

12-14 in. - 6,000 - 7,000 S. (F-1 Hybrid). Very early and uniform with outstanding garden performance and contrasting zoned leaf. Premium seed quality, minimum 92% germination of all varieties at NO premium price to you. Ideal for 4 in. production. Weeks to flower: 12-14.

Deep Red Premium - 2589

Orange Bicolor Premium - 2549

White maturing to a bright orange with white eyes.

Orange Premium - 2590

Pink - 2551

Rose-pink flowers with small white eye, deeply zoned leaf.

Rose Bicolor Premium - 2561

Richest rose daubed with white in a hand-painted look.

Violet - 2540

Violet-rose flowers with zoned leaf.

White - 2541

Pure white flowers.

White To Rose Premium - 2578

(All America Winner - 2013). White then darken to rose-pink.

Mixture - 2510

Each of the above: (26H9)	50 sds - \$12.20
100 sds - \$23.85	250 sds - \$47.85
500 sds - \$75.90	1,000 sds - \$133.40

Blush - Crop failure. As a substitute, we suggest Pinto White To Rose Premium.

GERANIUM F-1 HYBRID (continued)

QUANTUM SERIES

12-16 in. - 6,000 S. (F-1 Hybrid). Unique with star shaped flowers. Less prone to shattering therefore giving a great display of color longer. With the added benefit of serrated foliage, this new variety really can add something new to your assortment. Weeks to flower: 13-15.

Light Pink - 2470

Red - 2471

Salmon - 2472

Improved for 2018!

Mixture - 2473

A formula mixture that includes Light Pink, Light Salmon, Rose, Salmon and White.

Each of the above: (25C9)	25 sds - \$8.65
50 sds - \$15.20	100 sds - \$22.55
250 sds - \$44.65	500 sds - \$75.50

GERANIUM, IVY

3,700 sds/oz 70°-75° 10-14 days

Cover seed with vermiculite at time of sowing. Allow 17-20 weeks for sowing to flowering in baskets

SUMMER SHOWER MIXTURE - 2575

3,500 S. (F-1 Hybrid). A refreshing assortment of color in captivating cascades of ivy-leaved, vigorous plant. The neat, thick, glossy leaves and loose, elegant flower heads are perfect for window boxes and hanging baskets.

10 sds - \$9.40	25 sds - \$19.40
50 sds - \$32.90	100 sds - \$51.80
250 sds - \$115.70	(24I9)

GERANIUM, PERENNIAL

2,500 sds/oz 65°-75° 10-14 days

Cover seed lightly. Sow July through August to vernalize plants for flowering sales the next spring. Sow 3-4 months in advance for green plant sales. Will attract butterflies and songbirds all season.

VISION SERIES

Perennial. 10-16 in. - 2,500 S.

G. sanguineum. Spreading masses of color from late spring into summer, providing striking red foliage in the fall. The flowers add a nice contrast to the deeply lobed dark green leaves. Enhanced seed for better and more uniform germination. Drought tolerant. Excellent series for rock gardens, stone walls or as a ground cover.

ENHANCED SEED. Zones: 3-8

Light Pink - 5498EN

Pink flowers with ornate red veins give the 1 1/4 in. flowers a delicate lacy look. More compact than violet. Zones: 3-8

Violet - 5905EN


Rosy-purple, 1 1/2 lin. flowers. Zones: 3-8

Each of the above: (25I9)	25 sds - \$11.15
50 sds - \$21.25	100 sds - \$32.50
250 sds - \$66.50	500 sds - \$114.00

GERBENA

REVOLUTION SERIES

Select Mixture (Coated) - 4999PE

 **New for 2019**

4-8 in. - (F-1 Hybrid). Produces masses of vividly colored daisy-like flowers. Mixture includes both solid and dark eyed colors. High uniformity enables a consistent, fully programmable, high-density crop year around. No surprises, you grow, pick, pack and ship. Better second flush of flowers than the competition. Ideal for the front of a border or patio pots and containers. Weeks to finish: 8-10.

10 sds - \$9.10	25 sds - \$18.50
50 sds - \$31.25	100 sds - \$49.10
250 sds - \$109.45	(24H9)

GEUM

7,000 sds/oz 3 weeks

For the best germination, cover seeds lightly after sowing and maintain soil temperature of 85° days and 70° night. Light will help germination. Blooms May-August. Nice cutflower. Will attract butterflies and songbirds all season.

KOI (ENHANCED) - 6599EN

① **Perennial.** 8 in. - 25,000 S. The name really says it all. Lively orange flowers are held above downy, slightly scalloped, semi-evergreen foliage from early spring into summer. Ideal for pots on the patio, in border fringes or raised beds. A hardy plant which will survive normal winter conditions outside, especially if protected from the worst frosts. ENHANCED SEED for better and more uniform germination. Zones: 5-7

50 sds - \$7.90	100 sds - \$13.50
250 sds - \$24.90	500 sds - \$38.40
1,000 sds - \$65.90	(26B9)

GEUM (continued)

BLAZING SUNSET - 6458

⊗ ① **Perennial.** 20-24 in. - 12,000 S. G. avens. (Double Bloody Mary). Large 2 in. bright red fully double flowers that will bloom all summer. Outstanding garden performance and ideal cut flower, will flower the first year from seed. Zones: 3-9

25 sds - \$9.90	50 sds - \$18.65
100 sds - \$28.25	250 sds - \$57.13
500 sds - \$97.50	(25F9)

LADY STRATHEDEN - 5912

⊗ **Perennial.** 24 in. - 20,000 S. G. avens. (Goldball). Double 3 in., 5-petaled, golden yellow flowers. Zones: 5-7

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

MRS. BRADSHAW - 5913

⊗ **Perennial.** 24 in. - 12,000 S. G. avens. Double 3 in., 5-petaled, orange-scarlet flowers. Attractive, fluffy seed heads form after bloom. Zones: 5-7

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

Also see listing for *Rudbeckia*

GLORIOSA DAISY

Rudbeckia hirta

45,000 sds/oz 70° 2 weeks

Long lasting and colorful cutflower.

IRISH EYES - 2486

⊗ 24-30 in. - 55,500 S. Large single, golden yellow flowers have an emerald green center. A profuse bloomer.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

GODETIA

35,000 sds/oz 70° 10 days

For the best germination, cover lightly after sowing. After germination, allow 6-8 true leaves to appear before making a top pinch and transplant to 9 in. x 9 in. spacing. Spray for aphids. Grow in shallow benches or flats just like *Clarkia* in the greenhouse. Outdoors they thrive best in a cool moist location. Excellent as a cut flower or pot plant. For best results, water sparingly. Will attract hummingbirds all season.

GRACE SERIES

⊗ 24-30 in. - 41,000-60,000 S. (F-1 Hybrid). Excellent as a long lasting cut flower with good heat and cold tolerance. Each plant will produce 15 flowers that are 3-4 in. across. Weeks to flower: 16-18.

Red - 2488 ⊗

Salmon - 2276 ⊗

Mixture - 2490 ⊗

Each of the above: (26B9)	50 sds - \$7.90
100 sds - \$13.50	250 sds - \$24.90
500 sds - \$38.40	1,000 sds - \$65.90

SATIN MIXTURE - 2483

8 in. - 35,500-48,000 S. (F-1 Hybrid). Beautiful 2 in. flowers on base-branching plants not requiring a pinch or growth regulator. Will bloom all season. Ideal for 4-6 in. pots.

50 sds - \$8.65	100 sds - \$15.20
250 sds - \$28.75	500 sds - \$44.65
1,000 sds - \$77.15	(26C9)



BLACK HUNGARIAN
HOT PEPPER
Sturdy plants produces 2-3 inch fruits similar in shape of a Jalapeno. Flesh is more black than red when ripening. Great in salsa. 1,200 Scovilles.
MAT: 70-80 days.
HOW TO GROW:
Plant in full sun. Space 18-24" (46-61 cm) apart in rows 24-36" (61-91 cm) apart.

Color Plant Tags

\$2.47 per 100

Valid on a minimum order of 4,000 or more John Henry Pixie Tags thru 9/30.

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- **Order by 10/31** - Ship by 12/21
Receive an extra **25% discount**
Your price is \$2.59 per 100 tags
- **Order by 12/25**
Receive an extra **10% discount**
Your price is \$3.05 per 100 tags



BULGARIAN CARROT
HOW TO GROW:
Plant in full sun. Space 18-24" (46-61 cm) apart in rows 24-36" (61-91 cm) apart.

GOMPHRENA

5,000-12,000 sds/oz

AUDRAY SERIES

☞ 20-24 in. - 9,500 S. *G. globosa*. A versatile performer that is well suited for farmers markets, fresh by the bunch or already dried. It is an excellent dried flower and will add a burst of color to any mixed bouquet. Grows well in hot, humid conditions. Weeks to flower: 10-12.

Bicolor Rose - 2254 ☞ (Formally Bicolor Rose). Lavender-rose with white center.

Pink - 3591 ☞

Purple Red - 3592 ☞

White - 3593 ☞

Mixture - 3590 ☞

Each of the above: (28C9)	100 sds - \$7.70
	200 sds - \$12.90
	500 sds - \$22.55
	1,000 sds - \$36.50
	2,000 sds - \$66.40

BUDDY SERIES

8 in. - 12,000-13,500 S. *G. globosa*. Ball shaped, compact plants. Excellent for bedding and pots; good weather tolerance.

Purple - 2601

Rose - 2600

White - 2602

Mixture - 2599

Each of the above: (29B9)	250 sds - \$8.15
	500 sds - \$13.90
	1,000 sds - \$20.80
	2,000 sds - \$34.80
	5,000 sds - \$71.40

FIREWORKS (COATED) - 2250PE

☞ 48 in. - 8,000 S. *G. globosa*. Unique, vigorous and tough as nails. Intense, long lasting, hot pink color. Drought tolerant. Attracts butterflies. Great for the landscape, containers and dried. Weeks to flower: 13-14.

25 sds - \$9.70	50 sds - \$17.80
100 sds - \$26.80	250 sds - \$54.00
500 sds - \$92.00	(25E9)

GNOME PURPLE - 4722

6-10 in. - 12,000 S. This pretty purple-flowered dwarf globe amaranth offers continuous summer color and is ideal for container culture. Distinctive, round, brightly colored flowers cover this popular warm season plant in the heat of summer. Forms neat clumps and has simple, slightly fuzzy leaves of medium green. Deadheading is only necessary when the blooms turn brown. Ideal for smaller garden spaces.

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

STRAWBERRY FIELDS - 2607

☞ 24-30 in. - 5,500 S. *G. haageana*. Upright and busy with flowers that resemble bright red strawberries with tiny yellow seeds. Flowers are produced from summer to early fall and are great for cutting and drying. Fairly drought tolerant and very heat tolerant.

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

GOMPRHENA (continued)

LAS VEGAS SERIES

☞ 16-20 in. - 10,000 S. *G. globosa*. Big, full blooms bobbing atop slender stems. These flowers are very full, packed with florets of rich color. No sunny annual bed is complete. Blooms last a long time, look great in the sunny garden and keep coming all summer long. Superior heat tolerance. Though very versatile when it comes to soil type, needs good drainage and does best in reasonably fertile garden soil or potting mix. Plant them among your Marigolds and Petunias, Angelonias and Celosias, for a nice contrast in shape and texture. Cut stems for fresh or dried bouquets. Lovely in a container and perfect for large drifts in the meadow garden.

Pink - 2591 ☞ Soft pink.

Purple - 2592 ☞ Rich purple.

White - 2593 ☞ Pure white.

Mixture - 2594 ☞ A formula mixture.

Each of the above: (28B9)	100 sds - \$6.90
	200 sds - \$11.60
	500 sds - \$19.70
	1,000 sds - \$31.50
	2,000 sds - \$56.80

PING PONG PURPLE - 2604

* **New for 2019** ☞ 16-20 in. - 9,500 S. Small ball-shaped blossoms in a rich, eye-catching shade of dark lavender-purple. Add lively color and a distinctive silhouette to containers and garden beds. Plant in masses at the edge of the border or allow to mix and mingle with others in patio pots. Great for drying.

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

QIS SERIES

☞ 20-24 in. - 10,000 -16,500 S. *G. globosa*. The best strain for dried cut flower production. Large 1 1/2 to 2 in. flowers on strong, well-branched stems. Carmine, Orange and Red are Gomphrena haageana type which have a longer, less rounded flower head. Weeks to flower: 18.

Lilac - 2571 ☞

Pink - 2579 ☞

Purple - 2580 ☞

Rose - 2581 ☞

White - 2583 ☞

Carmine - 2598 ☞

Orange - 2576 ☞

Red - 2582 ☞

Mixture - 2603 ☞

A complete mixture of all of the globosa type colors in the series.

Each of the above: (29B9)	250 sds - \$8.15
	500 sds - \$13.90
	1,000 sds - \$20.80
	2,000 sds - \$34.80
	5,000 sds - \$71.40

GOURDS, ORNAMENTAL

150 sds/oz 75°

For quick germination, we suggest that before sowing, soak seeds in warm water for 2 days. Cover seeds about 1/8 in. and maintain 75° soil temperature.

BIRD HOUSE - 2496

140 S. This popular gourd can be used as an accent decoration or a backyard bird house.

LARGE & SMALL FRUITED MIX - 2495

A blend of large and small fruited varieties.

LARGE FRUITED MIXTURE - 2493

135 S. A blend of large fruited varieties.

LUFFA (SPONGE) - 2492

250-300 S. Fruits are edible when young. Mature fruits resemble a sponge and are used as a beauty brush when bathing.

Each of the above: (10B8)	1/4 oz. - \$12.25
	1/2 oz. - \$10.70
	1 oz. - \$14.85
	2 oz. - \$25.85
	4 oz. - \$42.44

OPO (UPO) LONG - 2429

195 S. (Bottle Gourd). 70-75 days. This cylindrical bottle gourd has flesh that is sweet, tender and delicious when harvested young. The fruits have a smooth, light green skin and mature to about 12-15 in. long. Very productive plants.

1/4 oz. - \$8.15	1/2 oz. - \$12.55
1 oz. - \$17.80	2 oz. - \$31.80
4 oz. - \$52.80	(10C8)

SMALL FRUITED MIXTURE - 2494

600 S. A blend of small fruited varieties.

1/4 oz. - \$7.25	1/2 oz. - \$10.70
1 oz. - \$14.85	2 oz. - \$25.85
4 oz. - \$42.44	(10B8)

SPECKLED SWAN - 2432

140 S. 105 days. Graceful swan necked with many uses. An unusual two-toned green pattern that when dried, can be painted. Fruit weighs about 3 lbs. Not edible.

25 sds - \$9.70	50 sds - \$17.80
100 sds - \$26.80	250 sds - \$54.00
500 sds - \$92.00	(25E9)



Gomphrena Fireworks



Gomphrena Ping Pong Purple

Ornamental Grasses

75° - 80° 3 weeks

For the best germination; we suggest before sowing to refrigerate seed for 5 days and then soak in warm water for 3 days. Sow thickly, in larger cells to develop nice strong plants within the shortest time.

AGROSTIS NEBULOSA - 1011	<p>☞ 18 in. - 500,000 S. (Cloud Grass). Upright with green leaves and tiny spikelet flowers. A light, airy grass whose star-shaped panicles produce cloud effects. Very decorative and used in fresh or dried flower arrangements. (34A9)</p> <p>5,000 sds - \$7.70 10,000 sds - \$11.10 25,000 sds - \$20.45 50,000 sds - \$36.70</p>
BRIZA MAXIMA - 2611	<p>☞ 16-22 in. - 5,500 S. (Quaking Grass). Fine for mixing in bouquets. Seed clusters resemble rattlesnake rattles. Perennial. Zones: 4-8 (31A9)</p> <p>1,000 sds - \$6.90 2,000 sds - \$8.20 5,000 sds - \$13.25 10,000 sds - \$20.60 25,000 sds - \$40.85</p>
BRIZA MINIMA - 4701	<p>8 in. - 62,500 S. (Baby Totter Grass). Ideal as an accent filler in fresh or dried arrangements. (34A9)</p> <p>5,000 sds - \$7.70 10,000 sds - \$11.10 25,000 sds - \$20.45 50,000 sds - \$36.70</p>
BROOM CORN MIXED COLORS - 1190	<p>☞ 84-120 in. - 1,000 S. Airy, spray-like seed heads. Mixture of many different varieties and colors; gold bronze, brown, black, burgundy, red, white, cream, natural.</p>
BROOM CORN RED - 1191	<p>☞ 84-120 in. - 1,200 S. Very popular color. Airy, spray-like seed heads. Mix of varieties with red colored seed heads. (30A9)</p> <p>Each of the above: 500 sds - \$6.90 1,000 sds - \$9.35 2,000 sds - \$13.40 5,000 sds - \$24.40 10,000 sds - \$40.30</p>
CAT GRASS - 2619	<p>24-48 in. - <i>Hordeum vulgare</i>. Bring a touch of the outdoors inside with this attractive bright white and green variegated grass. In as little as 2 weeks from sowing, this grass will reach 6 in. tall. Its trending for indoor living as a soothing dining room centerpiece or as an edible and healthy treat for feline pets and can also be used like wheatgrass for health-conscious juicers. Grass will continue to grow, so keep pots trimmed for a neat and attractive appearance. A sharp accent in the garden or in pots indoors. (29A9)</p> <p>250 sds - \$6.90 500 sds - \$11.20 1,000 sds - \$16.20 2,000 sds - \$26.40 5,000 sds - \$52.90</p>
CAREX AMAZON MIST (MULTI-SEED) - 1173MP	<p>8-10 in. - <i>C. comans</i>. Pale green leaves grow in a thick clump and curl over to make a unique spray of color resembling a fountain. Delicate flowers appear atop tiny stems in Mid-Summer. Fantastic in containers. MULTI-SEED PELLETT contains 5-6 seeds per pellet. Weeks to finish: 10-14. Zones: 7</p>
CAREX BRONCO (MULTI-SEED) - 1172MP	<p>8-10 in. - <i>C. comans</i>. Deep bronze-brown variety makes a unique addition to the garden. Thin foliage is gracefully arching, forming an attractive mound. Winter and early season growth is tinged a beautiful coppery-pink, tipped with silver. Great for containers, rock gardens or as a border plant. Tidy up in the spring to remove any dead foliage to encourage new growth. Best of the group. MULTI-SEED PELLETT contains 5-6 seeds per pellet. Weeks to finish: 10-14. Zones: 7</p>
CAREX RED ROOSTER (MULTI-SEED) - 1170MP	<p>24 in. - <i>C. buchanii</i>. Upright, deep bronze-red color. Great in the border, in mass plantings or near a water garden. MULTI-SEED PELLETT contains 5-6 seeds per pellet. Weeks to finish: 10-14. Zones: 6-9 (25B9)</p> <p>Each of the above: 25 sds - \$7.90 50 sds - \$13.50 100 sds - \$19.70 250 sds - \$38.40 500 sds - \$64.50</p>



Cat Grass



Carex Amazon Mist



Carex Bronco



Carex Red Rooster

CORTADERIA WHITE FEATHER - 2610 ✂ 48-108 in. - 147,000 S. *Cortaderia selloana*. The ultimate architectural plant, adding texture, autumn color and winter shapes to the home landscape. Dozens of large stalks that grow thickly to an average height of about 3 feet topped with silky, soft white plumes soaring above them. An elegant addition to your yard and makes a great screen for hiding unsightly views. Zones: 7-10 (30A9)
500 sds - \$6.90 1,000 sds - \$9.35 2,000 sds - \$113.40 5,000 sds - \$24.40 10,000 sds - \$40.30

ERIANTHUS RAVENNAE - 1129 110-180 in. - 71,000 S. Lush gray-green foliage and tall silver-white flower spikes. Autumn color is bronzy, with white seed heads. (29C9)
250 sds - \$9.25 500 sds - \$16.60 1,000 sds - \$25.35 2,000 sds - \$43.20 5,000 sds - \$89.75

FESTUCA BUDDY BLUE - 2614 12 in. - 35,500 S. *F. valesiaca*. (Wallis Fescue). Silvery blue leaves, open panicles of tiny beige spikelets. Tuft forming habit. Use in heath and rock gardens, roof coverage, graveyard plantings and soil coverage. Ideal for fall and winter sales. Perennial. Zones: 4-8 (26A9)
50 sds - \$7.20 100 sds - \$11.75 250 sds - \$21.15 500 sds - \$32.15 1,000 sds - \$54.65

FESTUCA ELIJAH BLUE - 2620 10 in. - 25,000 S. *F. glauca*. Known for its blue foliage, this is one of the most dependable fescues. Grows in a tight clump. Spikes of blue-tinged inflorescences emerge in summer, with unusual, blue-tinted flowers. Maintains its color throughout the winter months. Works well in perennial borders and with pastel color themes. Provides a bright accent in container plantings and is just beautiful in mass plantings. Perennial. (28E9)
100 sds - \$8.85 200 sds - \$15.75 500 sds - \$28.25 1,000 sds - \$46.50 2,000 sds - \$85.60

FESTUCA GLAUCA - 2613 16 in. - 27,000 S. (Blue Fescue). Soft powdery, spiky foliage that keeps its color all year round. Small clumping grass with a rounded habit. In early summer, wheat-like seed heads are produced on tall, spiky stalks in great numbers. Preferring drier conditions, this is the perfect grass for rock gardens, in stone troughs or pots, for coastal climates or even for use as edging. Tolerates moist conditions and will help repel deer all season. Perennial. Zones: 4-8 (30A9)
500 sds - \$6.90 1,000 sds - \$9.35 2,000 sds - \$13.40 5,000 sds - \$24.40 10,000 sds - \$40.30

ISOLEPIS LIVE WIRE (MULTI-SEED) - 1199MP ① 6-12 in. - *Scirpus cernuus*. (Fiber Optic Grass). Close-tufted evergreen grass with fine hair-like blades ending in a tuft of white florets. Ideal as an aquatic. Primarily grown as an annual. MULTI-SEED PELLETT contains 5-6 seeds per pellet. Zones: 8-10 (25B9)
25 sds - \$7.90 50 sds - \$13.50 100 sds - \$19.70 250 sds - \$38.40 500 sds - \$64.50

JOB'S TEARS - 4498 ✂ 36-48 in. - 100 S. Upright grass with thin, drooping, corn-like foliage. White to bluish-grey seed heads yield glossy seeds often used as beads. Seeds that are harvested for jewelry must be taken when green and then set out to dry fully. Once dry they change color to an ivory or pearly hue. Ream out the center hole prior to inserting a wire or jewelry line. Interesting landscape item. For fresh or dried use. (26D9)
Each of the above:
50 sds - \$9.35 100 sds - \$16.90 250 sds - \$32.60 500 sds - \$50.90 1,000 sds - \$88.40

JUNCUS BLUE ARROWS (MULTI-SEED) - 3495MP 36 in. - *J. inflexus*. Stiff and upright, blue-green foliage. Heat tolerant in a wide range of environments. Can be grown as a pond plant, but it is quite drought tolerant when grown in the ground. MULTI-SEED PELLETT contains 5-6 seeds per pellet. Perennial. Zones: 5-9 (25B9)
Each of the above:
25 sds - \$7.90 50 sds - \$13.50 100 sds - \$19.70 250 sds - \$38.40 500 sds - \$64.50



Festuca Buddy Blue

Festuca Glauca

Isolepis Live Wire

Juncus Blue Arrows

Festuca Elijah Blue

JUNCUS BLUE DART (MULTI-SEED) - 3488MP	14-16 in. - <i>J. tenuis</i> . Linear, blue foliage with strong vertical habit; more blue color than comparable varieties. Excellent alternative to spike Dracaenas Eye-catching foliage offers great texture. MULTI-SEED PELLETT contains 5-6 seeds per pellet. Zone 5. (25B9) Each of the above: 25 sds - \$7.90 50 sds - \$13.50 100 sds - \$19.70 250 sds - \$38.40 500 sds - \$64.50
JUNCUS EFFUSUS SPIRALIS - 1197PE	12-18 in. - (Corkscrew Rush). A neat variety with spiraled, twisted stems. A true moisture lover suitable for a pond side or bog garden. Excellent in dried floral arrangements. (26A9) Prefers full sun to part shade. Perennial. Zones: 3-7 50 sds - \$7.20 100 sds - \$11.75 250 sds - \$21.15 500 sds - \$32.15 1,000 sds - \$54.65
JUNCUS JAVELIN (MULTI-SEED) - 3494MP	48 in. - <i>J. pallidus</i> . (Giant Rush). Tall and stately green grass makes a dramatic statement. Rugged plant can grow in standing water, but also handles heat and drought well. Great Winter interest, maintaining its upright, stiff foliage in a straw color. Can grow up to 5 ft. MULTI-SEED PELLETT contains 5-6 seeds per pellet. Zones: 7-10 (25B9) 25 sds - \$7.90 50 sds - \$13.50 100 sds - \$19.70 250 sds - \$38.40 500 sds - \$64.50
JUNCUS TWISTED ARROWS (MULTI-SEED) - 3486MP	18-36 in. - Includes <i>Juncus Blue Arrows</i> and <i>Juncus Spiralis</i> (curly juncus). Delivers not only blue and green color contrast, but eye-catching mix of straight and twisted. For use in mixed containers or as an indoor lifestyle plant. MULTI-SEED PELLETT which will include multiple seeds of each variety in one easy to sow pellet. Zones: 5 (25H9) 25 sds - \$10.75 50 sds - \$20.35 100 sds - \$31.10 250 sds - \$63.40 500 sds - \$108.50
JUNCUS TWISTER DART	14-18 in. - Sorry, no longer available.
LEMONGRASS - 1167	36-60 in. - <i>Cymbopogon flexuosus</i> . (East Indian Lemon Grass). Raw seed. Good for mass plantings. Handsome grass used in Asian cuisine. Clump forming, lemon-scented, linear strap leaves fall over at the tip. The fibrous leaves have a very strong lemon aroma and are the source for oil that is used to flavor candy, ice cream and pastries. The stalks are usually removed before serving. Gives a sweet-sour lemon flavor to a wide range of dishes from soups, curries, sauces to fish and chicken dishes. It is also great for keeping the mosquitoes away. Makes a wonderful ingredient for hot teas, which can help with digestive problems. Germination can be erratic. A germination temperature of 75-80 degrees is advised. Zones: 8-10 (07C8) 1/32 oz. - \$6.90 1/16 oz. - \$9.70 1/8 oz. - \$16.80 1/4 oz. - \$30.25 1/2 oz. - \$51.35
LEMONGRASS (DETAILED) - 1167DE	Clean seed. (29A9) 250 sds - \$6.90 500 sds - \$11.20 1,000 sds - \$16.20 2,000 sds - \$26.40 5,000 sds - \$52.90
MELINIS SAVANNAH - 1195	6-12 in. - 46,000 S. <i>M. nerviglumis</i> . (Ruby Grass). This showy, ornamental grass forms tight clumps of soft, blue-green foliage that grows 10 in. tall and wide. In June, ruby-pink blooms emerge 18 in. above the foliage on vertical spikes. During summer, flowers turn creamy white. Stunning accent in fresh and dried arrangements. (28F9) 100 sds - \$9.40 200 sds - \$17.10 500 sds - \$31.10 1,000 sds - \$51.50 2,000 sds - \$95.20
MILLET AUREUM - 3419	☞ 24 in. - 42,000 S. <i>Milium effusum</i> . (Golden Millet). A unique variety. Elegant clumps of arching, bright golden yellow leaves. Perennial. Zones: 6-8 (28G9) 100 sds - \$9.90 200 sds - \$18.50 500 sds - \$33.95 1,000 sds - \$56.50 2,000 sds - \$104.80



Lemongrass



Juncus Spiralis



Juncus Blue Dart

Juncus Twisted Arrows

Juncus Javelin

MILLET CRAMER'S TAPESTRY - 4497

☞ 24-36 in. - 9,500 S. Eye-catching seed heads. Stiff stems are topped by upright, club-like 3-6 in. panicles in shades of blue, gray, green and purple. For fresh or dried use. (30A9)
500 sds - \$6.90 1,000 sds - \$9.35 2,000 sds - \$13.40 5,000 sds - \$24.40 10,000 sds - \$40.30

MILLET JADE PRINCESS - 3428

24-30 in. - 3,500 S. (F-1 Hybrid). Pennisetum glaucum. Intense lime green leaves; controlled, mounded shape; and pollenless heads make this variety shine at retail and in landscapes and mixed or mono containers. Requires warmer temperatures than other millets to perform well.

MILLET JESTER - 3404

☞ 42 in. - 3,000 S. (F-1 Hybrid). Pennisetum glaucum. Multi-color appearance. Young leaves are chartreuse with some burgundy. Mature foliage becomes predominantly burgundy with increased light levels. Mid-season, the plants have dark mature leaves and bright green/purple new growth, ending the season similar in color to Purple Majesty. Weeks to flower: 14. (2519)
Each of the above:
25 sds - \$11.15 50 sds - \$21.25 100 sds - \$32.50 250 sds - \$66.50 500 sds - \$114.00

MILLET LIMELIGHT SPRAY - 1169

☞ 36-48 in. - 8,500 S. Setaria italica. (Spray Millet). Upright, slender habit with arching, bright green panicles. (30A9)
500 sds - \$6.90 1,000 sds - \$9.35 2,000 sds - \$13.40 5,000 sds - \$24.40 10,000 sds - \$40.30

MILLET PURPLE BARON - 3421

30-40 in. - 3,500 S. Shiny, purple-burgundy foliage is more rich and the darkest of all Millets. Slightly darker than Purple Majesty, the leaves are shorter and wider. The young plants are green at first at the stem and mid-rib begin to develop the purple color as they mature and are better branched at the base. Add a dramatic, contrasting vertical punch to beds of lavender, pastel pink and white blooming annuals. With its full, thick massive habit, birds flock to the large flower spikes right up until frost. (2419)
10 sds - \$9.40 25 sds - \$19.40 50 sds - \$32.90 100 sds - \$51.80 250 sds - \$115.70

MILLET PURPLE MAJESTY - 3409

☞ 48-60 in. - 3,000 S. (F-1 Hybrid). (All America Winner - 2003). Pennisetum glaucum. Striking corn-like plant with deep purple foliage, stems and flower plumes. Cat-tail like plumes are 12-14 in. long, each plant has 1-3 main stems, with secondary shoots of 24 in. Excellent in borders and mass plantings, use in full to partial sun. Under full sun the foliage color deepens and leaves narrow; lower light produces wider, greener and more corn-like leaves. (2519)
25 sds - \$11.15 50 sds - \$21.25 100 sds - \$32.50 250 sds - \$66.50 500 sds - \$114.00

MILLET PURPLE MIST - 1181

☞ 36-48 in. - 14,000 S. M.capillaris. A stiff, upright, broad green habit with large green heads that have delicate purple awns. (30A9)
500 sds - \$6.90 1,000 sds - \$9.35 2,000 sds - \$13.40 5,000 sds - \$24.40 10,000 sds - \$40.30

MISCANTHUS SINENSIS - 2623

☞ 72 in. - 55,000 S. (Chinese Silver Grass). Perennial. Graceful flower plumes in late summer. Easily grown from seed, vigorous grower producing an effective screen. Tolerates moist conditions and will help repel deer all season. For fresh or dried use. Zones: 5-9 (29B9)
250 sds - \$8.15 500 sds - \$13.90 1,000 sds - \$20.80 2,000 sds - \$34.80 5,000 sds - \$71.40

PANICUM VIOLACEUM - 2780

☞ 40 in. - 5,500 S. (Fountain Grass). Attractive, purplish-green pendulous flower heads. An attractive addition to the garden and filler for floral work, both fresh and dried. (30A9)
500 sds - \$6.90 1,000 sds - \$9.35 2,000 sds - \$13.40 5,000 sds - \$24.40 10,000 sds - \$40.30

PENNISETUM ALOPECUROIDES - 4987

24-48 in. - 15,500 S. This tufted or clump-forming grass boasts graceful, arching leaves that bear feathery, purplish flower heads. Strong self-seeder. Hardy perennial. (26A9)
50 sds - \$7.20 100 sds - \$11.75 250 sds - \$21.15 500 sds - \$32.15 1,000 sds - \$54.65




Millet Jade Princess



Millet Jester



Millet Purple Baron

PENNISETUM FUZZY - 2621  <i>New for 2019</i>	24 in. - P. setaceum. Fountain grass. Fine green leaves. Winter interest 4-5 in. pink-purple inflorescence. Attractive dense tufts for bedding. Weeks to finish: 18-20. (28F9) 100 sds - \$9.40 200 sds - \$17.10 500 sds - \$31.10 1,000 sds - \$51.50 2,000 sds - \$95.20
PENNISETUM LONGISTYLUM - 2617	☞ 24 -36 in. - 15,000 S. Etaceum villosum. Long, graceful white sprays, otherwise same as other ornamental grasses. Clean seed for maximum germination. Will repel deer all season. (28B9) 100 sds - \$6.90 200 sds - \$11.60 500 sds - \$19.70 1,000 sds - \$31.50 2,000 sds - \$56.80
PHALARIS CANARIENSIS - 2618	☞ 30 in. - 3,000 S. (Canary Grass). A very attractive ornamental grass with cone shaped heads. Ideal for bouquets and seed heads can be used as bird food. (30A9) 500 sds - \$6.90 1,000 sds - \$9.35 2,000 sds - \$13.40 5,000 sds - \$24.40 10,000 sds - \$40.30
RHYNCHELYTRUM REPENS - 2608	☞ 24-30 in. - 82,000 S. (Champagne Grass). Beautiful ruby red flowers (panicles) are long lasting and will fade to pink at the end of the season. Tinged purple, deep green leaves. (30B9) 500 sds - \$7.30 1,000 sds - \$11.15 2,000 sds - \$16.70 5,000 sds - \$31.80 10,000 sds - \$53.55
SORGHUM COLORED UPRIGHTS - 1189	☞ 84-120 in. - 1,000 S. Mixture of many different varieties and colors; red, brown, gold, black, burgundy and all shades in between. Compact, loose seed heads. For fresh or dried use. (30A9) 500 sds - \$6.90 1,000 sds - \$9.35 2,000 sds - \$13.40 5,000 sds - \$24.40 10,000 sds - \$40.30
SORGHUM EGYPTIAN WHEAT - 1186	☞ 96-120 in. - 1,250 S. Fluffy, loose, airy seed heads 10-12 in. long with straw-colored seeds. Harvest at any stage of development for fresh use. Well adapted to high humidity. (31B9) 1,000 sds - \$6.90 2,000 sds - \$9.90 5,000 sds - \$17.55 10,000 sds - \$28.60 25,000 sds - \$58.90
SORGHUM NIGRUM - 4726	☞ 48 in. - 1,500 S. (Broom Corn). Robust green to dark brown oval spikes. A colorful, decorated grass with large seed heads. Attractive in the garden and in dried arrangements.
SORGHUM TEXAS BLACK AMBER - 1188	☞ 96-144 in. - 1,000 S. Heirloom. Variety from Texas. Compact 8-12 in. long seed heads with rich, shiny, black seeds. (30A9) Each of the above: 500 sds - \$6.90 1,000 sds - \$9.35 2,000 sds - \$13.40 5,000 sds - \$24.40 10,000 sds - \$40.30
SORGHUM WHITE POPPING - 1192	☞ 96-120 in. - 1,500 S. One of the most beautiful grasses. Graceful, loose, airy seed heads which are 10-12 in. long with white seeds. Harvest at any stage of development for fresh use. Mature seed can be popped like popcorn! They have a great nutty flavor. (30B9) 500 sds - \$7.30 1,000 sds - \$11.15 2,000 sds - \$16.70 5,000 sds - \$31.80 10,000 sds - \$53.55
STIPA PONY TAILS (MULTI-SEED) - 4820MP	☞ ① 18-24 in. - S. tenuissima. (Angel Hair or Pony Tail Grass). Feathery flower heads of arresting elegance. Its said to resemble a Palamino horses tail. Very nice textured grass, ideal in landscape plantings. MULTI-SEED PELLETT contains 5-6 seeds per pellet. Weeks to finish: 8-10. Perennial. Zones: 6-10 (26H9) 50 sds - \$12.20 100 sds - \$23.85 250 sds - \$47.85 500 sds - \$75.90 1,000 sds - \$133.40
STIPA SIROCCO (MULTI-SEED) - 3498MP	12-14 in. - S. arundinacea; Anemanthele lessoniana. (Pheasant's tail grass). Like the warm winds from which it takes its name, this delightful grass adds movement and texture to any setting. Turns to shades of copper and pink under cool conditions, natural sunlight and maturity. Useful for landscapes, bedding, mixed containers and hanging baskets. MULTI-SEED PELLETT contains 5-6 seeds per pellet. Zones: 6 (25B9) 25 sds - \$7.90 50 sds - \$13.50 100 sds - \$19.70 250 sds - \$38.40 500 sds - \$64.50
MAIZE VICTORIAN STRIPED MAIZE	☞ 48-72 in. - Sorry, no longer available.



Stipa Pony Tails



Stipa Sirocco

GYPSOPHILA, ANNUAL

24,000 sds/oz 70°-75° 10 days

COVENT GARDEN MARKET - 2626

☼ 24 in. - 27,000 S. Attractive, 1/2 in. pure white flowers above the foliage cover strong wiry stems. The branching, airy habit makes wonderful filler in bouquets. Weeks to flower: 9-10. (34A9)

5,000 sds - \$7.70 10,000 sds - \$11.10
25,000 sds - \$20.45 50,000 sds - \$36.70

GYPSY SERIES

8-10 in. - 500,000 - 1,000,000 S.

Semi-double and double 1/4 in. rose-like flowers combined with loose, airy foliage. A higher number of blooms over a longer flowering season. Ideal bedding plant, suitable for borders, mixed combos, and hanging baskets. Weeks to flower: 10-12.

Deep Rose - 2585

(All America Winner - 2004).
(Fluoroselect Quality Mark).

Pink - 2701

(All America Winner - 1997).
(Fluoroselect Quality Mark). Light pink.

White - 2584

(All America Winner - 2018).

Each of the above: (28A9) 100 sds - \$6.90
200 sds - \$10.20 500 sds - \$16.85
1,000 sds - \$26.50 2,000 sds - \$47.20

GYPSOPHILA, PERENNIAL

Baby's Breath

26,000 sds/oz 70° 10 days

For the best germination, do not cover seed after sowing. Light will help germination. Nice cut flower. Will flower the first year from seed.

PANICULATA DOUBLE

Snow Flake - 5922 ☼ ①

Perennial. 36 in. - 40,000 S. Airy, upright growth habit and profuse dainty small double white flowers in summer on branched stems. Popular for fresh or in dried arrangements. Will flower the first year from seed. Zones: 3-9

1,000 sds - \$6.90 2,000 sds - \$9.90
5,000 sds - \$17.55 10,000 sds - \$28.60
25,000 sds - \$58.90 (31B9)

PIXIE SPLASH - 5926

Perennial. 3-5 in. - 59,000-68,000 S.

G. cerastoides. Attractive evergreen with a unique, eye-catching white with pink splash color. Mounded habit. Great for early Spring color. Use in beds, hanging baskets and containers. No cover with vermiculite needed. Needs a Winter period (below 40 degrees) of approximately 8 weeks to start flower induction. Weeks to flower: 30-36 for overwintering production. Zones: 4-7

100 sds - \$6.90 200 sds - \$11.60
500 sds - \$19.70 1,000 sds - \$31.50
2,000 sds - \$56.80 (28B9)

GYPSOPHILA, PERENNIAL (continued)

REPENS ROSE - 5927

① **Perennial.** 6 in. - 42,000 S. Fine for rock gardens or trailing plants. Will flower the first year from seed. Zones: 3-8

REPENS WHITE - 5925

① **Perennial.** 6 in. - 35,000 S. Fine for rock gardens or trailing plants. Will flower the first year from seed. Zones: 3-8

Each of the above: (31B9) 1,000 sds - \$6.90
2,000 sds - \$9.90 5,000 sds - \$17.55
10,000 sds - \$28.60 25,000 sds - \$58.90

HELENIUM

5,000 sds/oz 65-75° 3-5 days

Multi-seed pellets have 3-4 seeds per pellet. Light not required for germination, but seedlings may stretch under low light conditions.

DAKOTA GOLD (MULTI-SEED) - 2612MP

12-14 in. - H. amarum. Bright golden-yellow, daisy-like flowers over fine-textured green foliage. A vigorous, uniform, compact mounding habit. MULTI-SEED PELLETT.

Weeks to flower: 8-12.

25 sds - \$9.90 50 sds - \$18.65
100 sds - \$28.25 250 sds - \$57.13
500 sds - \$97.50 (25F9)

RED AND GOLD HYBRIDS - 5424

☼ **Perennial.** 48 in. - 130,000 S.

H. autumnale. Clusters of large flowers in shades of yellow, orange and bronze on upright plants. Flowering late summer and autumn. Zones: 3-8

500 sds - \$6.90 1,000 sds - \$9.35
2,000 sds - \$13.40 5,000 sds - \$24.40
10,000 sds - \$40.30 (30A9)

HELICHRYSUM, BRACTEATUM

Strawflower

36,000 sds/oz 70°-80° 1 week

Provides dried flowers for winter bouquets.

Nice cut flower, fresh or dried.

Will attract butterflies all season.

For the best germination, do not cover seeds after sowing in indented rows.

Light will help germination.

CUT FLOWER SERIES

☼ 36 in. - 38,000 S. Very large flowers on tall, sturdy stems. Selected specifically for cut flower and dried production.

Fireball - 3416 ☼

Golden Yellow - 3412 ☼

Lemon Yellow - 3410 ☼

Orange (tetra) - 3415 ☼

Rose - 3414 ☼

White - 3418 ☼

Mixture - 3417 ☼

Each of the above: (31A9) 1,000 sds - \$6.90
2,000 sds - \$8.20 5,000 sds - \$13.25
10,000 sds - \$20.60 25,000 sds - \$40.85

HELICHRYSUM, MINUS

72°-76° 7 days

SILVER MIST (MULTI-SEED) - 2775MP



6-8 in. - Plectostachys serphyllifolia. Silver foliage and stems. Round to oval shaped finely textured leaves that are 1/4 in. long. Full, mounded and spreading habit to 18-24 in., branches well without pinching. Silver color intensifies with high light. In lower light levels, such as early Spring, foliage will appear more green. MULTI-SEED PELLETT contains 3 seeds per pellet; allow for 1 plug per 4 in. pot. Weeks to finish: 12-14.

25 sds - \$9.90 50 sds - \$18.65
100 sds - \$28.25 250 sds - \$57.13
500 sds - \$97.50 (25F9)

HELIOPSIS

Yellow Daisy, Ox-Eye Daisy or False Sunflower

8,500 sds/oz 70° 2 weeks

Light will help germination. Blooms June-September. Will attract butterflies and songbirds all season. Nice cutflower. Will flower the first year from seed.

BURNING HEARTS - 5940



Perennial. 40-48 in. - H. helianthoides.

An outstanding, large-growing, new native plant cultivar with purplish stems and topped with huge yellow and red daisy-like flowers. Recommended for attracting butterflies and other pollinators to its numerous nectar-rich flowers. Extremely cold hardy, it is an excellent choice for northern gardeners all the way to the Canadian border. Resistant to browsing rabbits and deer. A must have easy to grow variety. Zones: 3-10

25 sds - \$8.65 50 sds - \$15.20
100 sds - \$22.55 250 sds - \$44.65
500 sds - \$75.50 (25C9)

SUMMER SUN - 5939

☼ ① **Perennial.** 36-60 in. - 7,000 S.

4 in. double, bright golden flowers on long, strong stems. Will bloom July-September. Will flower first year from seed. Zones: 3-9

500 sds - \$6.90 1,000 sds - \$9.35
2,000 sds - \$13.40 5,000 sds - \$24.40
10,000 sds - \$40.30 (30A9)

HELIOTROPE

50,000 sds/oz 75° 1-2 weeks

Will bloom from seed in 3-4 months. Needs heat and rich soil. For the best germination, do not cover seeds after sowing in indented rows. Light will help germination.

MINI MARINE (EXTRA DWARF MIX) - 2642

8 in. - 50,000 S. Very fragrant, large umbels of deep purple flowers on compact, uniform plants.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

HELLEBORUS

Christmas Rose

3,500 sds/oz 55° 6 weeks

Frost germinator. Freeze seed for 2 weeks before sowing. Will repel deer from the garden. Nice cutflower. Will flower the first year from seed.

NIGER - 5941

☞ Perennial. 15 in. - 3,000 S. Large, white flowers that often turn pink or deep pink salmon as they age. Leaves are dark green, sometimes with blueish tones and have a thick, leathery appearance. Zones: 6-8

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

HERNIARIA

Rupturewort

28,000 sds/oz 65° 15 days

An evergreen trailing perennial with mat forming habit. Ideal in mass plantings or rock gardens.

GLABRA - 5936

Perennial. 4 in. - 500,000 S. Tiny tight green leaves on creeping stems form an extremely dense evergreen ground cover. Foliage turns red during winter for great winter interest. Tiny white star flowers in summer. Perfect for walkways, rock garden path or as a lawn substitute. Prefers full sun and dry soils. Zones: 8-11

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

HESPERIS

Sweet Rocket

14,000 sds/oz 70° 10-20 days

For the best germination, do not cover seeds after sowing in indented rows. Light will help germination.

MATRONALIS VIOLET - 5945

☞ Perennial. 36-48 in. - 9,000-13,000 S. H. matroliis. Sweetly scented flowers that bloom late spring to early summer. Evergreen foliage. Prefers full sun to part shade. Attracts butterflies, bees and birds. Zones: 4-9

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

HEUCHERA

Coral Bells

600,000 sds/oz 60° 2 weeks

For the best germination, do not cover seeds after sowing. Light will help germination. Will attract butterflies, hummingbirds and songbirds all season. Blooms May-August.

DALE'S STRAIN - 6006

Perennial. 24 in. - 435,000 S. H. saxifragaceae. Silver-blue marbled foliage. Flowers are pale white, but it's the marbled foliage that makes this such a choice plant. Zones: 3-9

1,000 sds - \$9.10	2,000 sds - \$15.40
5,000 sds - \$30.50	10,000 sds - \$52.60
25,000 sds - \$113.35	(31E9)

FIREFLY - 5953

☞ ① Perennial. 24 in. - 625,000 S. H. sanguinea. Nodding red bell-shaped flowers are held high on long thin wands over the tidy mounds of scalloped foliage. Fragrant flowers. Perfect for a shady courtyard, favorite container or under deciduous trees. Zones: 3-8 (34A9)

5,000 sds - \$7.70	10,000 sds - \$11.10
25,000 sds - \$20.45	50,000 sds - \$36.70

MARVELOUS MARBLE SILVER - 5965

Perennial. 4-8 in. - Foliage perennial with changing leaf color. Early spring leaves are purple. As temperatures increase, leaf changes to green with dark veins. Good seed vigor and germination allows for more uniform plants. Excellent vigor for great pot and garden performance. Zones: 4-9

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

MELTING FIRE (PELLETED) - 5929PE

Perennial. 18 in. - 833,000 S. H. hybrida. Strong curled foliage with intense purple-red color. Young leaves are bright red, creating an exciting hot center. Flower stems are also deep red and carry clusters of very small white flowers. Zones: 4-6

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

PALACE PURPLE - 5950

① Perennial. 18-22 in. - 535,000 S. (Perennial Plant of the Year). H. micrantha. Ideal for mass plantings. Beautiful deep yellow or white flowered plants with dark bronze, maple leaf shaped foliage. Plants will produce yellow blooms the second year. When transplanting, be sure to transplant only the bronze leaved seedlings. Zones: 4-8

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

PALACE PURPLE (PELLETED) - 5950PE

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

HEUCHERA (continued)

VIVID - 5944

Perennial. 18 in. - 555,000 S. H. sanguinea. Beautiful crimson-red flower spikes on green foliage. A great early season hummingbird favorite. Zones: 4-9 (34A9)

5,000 sds - \$7.70	10,000 sds - \$11.10
25,000 sds - \$20.45	50,000 sds - \$36.70

HIBISCUS

Rose Mallow

2,100 sds/oz 70° - 80° 10-14 days

For the best germination, let the seed soak in warm water for 48 hours before sowing. Be sure to change the water daily. Cover seeds lightly after sowing. Darkness will help germination. Blooms July - September. Will attract butterflies and songbirds all season.

LUNA SERIES

Perennial. 24-36 in. - 2,800 S. Very dramatic and impressive plant with many large, eye catching, 6-8 in. flowers. A big, bushy, well branched plant. Excellent show in the ground, will make a neat hedge with multiple blooms. Also well-suited to large containers. Zones: 5

Pink Swirl - 6578

Dark eye and pink picotee pattern.

Red - 6573 ①

Rose - 6574 ① Deep clear rose.

White - 6579 White flower with large red eye.

Mixture - 6580

Each of the above: (24H9)	10 sds - \$9.10
	25 sds - \$18.50
	50 sds - \$31.25
	100 sds - \$49.10
	250 sds - \$109.45

MAHOGANY SPLENDOR - 5910



Perennial. 36-60 in. - 2,250 S. H. acetosella. Deep burgundy, maple shaped leaves with serrated edges-are similar to a Japanese Maple. The foliage will have green/rust tones in the greenhouse, but will mature to burgundy in full sun outdoors. Fantastic as a pond plant, it can be grown directly in water. Drought and heat tolerant. Deer resistant. Supplied as scarified seed with an 85% germination standard. Weeks to flower: 9-11. Zones: 8-9

25 sds - \$9.90	50 sds - \$18.65
100 sds - \$28.25	250 sds - \$57.13
500 sds - \$97.50	(25F9)

HOLLYHOCK

Alcea Rosea

2,000 sds/oz 60° 10 days

Will attract hummingbirds and butterflies all season.

CHATERS DOUBLE SERIES-RAW SEED

Perennial. 72 in. - 5,500 S. Tall spikes of 3-5 in., soft, ruffled, fully double flowers. Perfect for the back of borders and along fences and walls. Blooms June-September. RAW SEED. Zones: 5-8

Maroon - 5970 ✂

Newport Pink - 5974 ✂ ✂

Salmon - 5990 ✂

Scarlet - 5973 ✂

White - 5976 ✂

Yellow - 5975 ✂

Mixture - 5977 ✂

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

CREME DE CASSIS - 6505

Perennial. 60-72 in. - 2,000 S.

Veined rose-purple flowers fade to pale berry shades. A variety of single, double and semi-double blooms all have a bright yellow eye. Zones: 3-9

50 sds - \$10.80	100 sds - \$20.40
250 sds - \$40.20	500 sds - \$63.40
1,000 sds - \$110.90	(26F9)

HALO SERIES

Perennial. 60-70 in. - 6,500 S.

Distinctive colors, no other hollyhock looks like these. Extra large, two-tone single blooms. Very hardy, surviving frigid winters and sweltering summers. In most gardens it will begin flowering in midsummer and continue through the season. These giant flowerstems sport numerous blooms crowded together. When fully opened, they are a solid wall of rich color. Enhanced seed for better and more uniform germination. Destined to become a showstopper in a sunny border, meadow garden or perfect behind shorter, bushier plants. These stunning cottage garden perennials make a beautiful cut flower for a vase indoors and the edible flowers can even be added to salads for an attractive, tasty treat. ENHANCED SEED. Zones: 3-9

Pink - 5980EN ✂

Lavender pink with yellow eye.

Mixture - 5985EN ✂

Assortment of eight unique colors.

Each of the above: (25C9)	25 sds - \$8.65
50 sds - \$15.20	100 sds - \$22.55
250 sds - \$44.65	500 sds - \$75.50

INDIAN SPRING - 2654

Perennial. 48-60 in. - 2,000 S. (All America Winner - 1939). Will bloom in 5 months from seed. A mixture of semi-double flowers in light pink to crimson rose shades.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

HOLLYHOCK (continued)

PEACHES 'N DREAMS (ENHANCED) - 6501EN

Perennial. 48-60 in. - 3,000 S.

The ultimate cottage garden plant.

Tall, stately flower spikes covered with fully double 4 in. soft creamy peach flowers tinged in raspberry pink. Easy to grow, sow seed in the fall for spring blooms. Will flower the first year from seed. ENHANCED SEED for better and more uniform germination. Zones: 2-9

50 sds - \$10.80	100 sds - \$20.40
250 sds - \$40.20	500 sds - \$63.40
1,000 sds - \$110.90	(26F9)

SINGLE FLOWERED

Black Beauty - 5961 ✂

Perennial. 70 in. - 2,000 S. Heirloom.

Attention getting deep black satin flowers with a deep maroon center. Easy to grow, will bloom all summer. Zones: 5-8

Large Mixture - 5978 ✂

Perennial. 60 in. - 3,000 S. Large single flowering mixture. Zones: 5-8

Nigra - 5979 ✂

Perennial. 60 in. - 2,000 S.

(The Watchman). Unique dark maroon single flowers. Zones: 5-8

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

Happy Lights Mixture - 5919 ✂ ①

Perennial. 60 in. - 3,000 S. An improved selection with an outstanding color range, varying from white, red, purple, yellow and every color in between. Good habit and free-flowering. Will flower the first year from seed.

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

SPRING CELEBRITIES MIXTURE - 6507

Perennial. 28-32 in. - 7,000 S. An unforgettable mixture that includes Carmine Rose, Crimson, Lemon, Lilac, Pink, Purple and White. Significantly better basal branching, with double to semi-double blooms that appear 15-17 weeks after March sowing and flowers continuously for three months under favorable conditions. Vigorous, compact, multi-stemmed that quickly establishes in large pots and in the garden. Zones: 3-9

25 sds - \$10.75	50 sds - \$20.35
100 sds - \$31.10	250 sds - \$63.40
500 sds - \$108.50	(25H9)

SUMMER CARNIVAL MIXTURE - 2656

Perennial. 36-54 in. - 2,500 S. (All America Winner - 1972). Free flowering, fully double 4 in. blooms on strong stems. A well balanced mixture of bright colors. A tender perennial in many areas.

SUMMER CARNIVAL MIXTURE - 5703

Perennial. 48 in. - 3,000 S.

(All America Winner - 1972). A colorful display of colors, these fully double flowered plants will bloom the first year from seed. Will bloom June-September. Zones: 5-8

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

HUNNEMANNIA

Bush Escholzia, Mexican Tulip Poppy

8,000 sds/oz 70° 2-3 weeks

SUNLITE - 2646

Perennial. 24 in. - 7,500 S. A delight to see! Wonderfully greyish fern-like foliage complimented by rich yellow 2-3 in. flowers. Ideal for a sunny border.

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

HYPOESTES

Polka Dot Plant, Sanguinolenta

25,000 S. sds/oz 70°-75° 3-5 days

Cover seeds lightly after sowing. One of the easiest foliage plants to grow from seed.

Bright green leaves are splashed with polka dots. A good sized 4 in. pot can be made in 12 weeks from date of sowing.

CONFETTI XL SERIES

Crop failure. As a substitute, we suggest Splash Series.

SPLASH SERIES

10-18 in. - 21,500-27,000 S. Excellent shelf life and well suited for shaded garden beds. Weeks to flower: 12.

Pink Select - 1151

Red Select - 1150

Rose Select - 1152

White Select - 1153

Mixture - 1154

Each of the above: (28B9)	100 sds - \$6.90
200 sds - \$11.60	500 sds - \$19.70
1,000 sds - \$31.50	2,000 sds - \$56.80

Iberis.

Also see listing of Candytuft under

IBERIS

Hardy Candytuft

7,000 sds/oz 60° 15 days

For the best germination, do not cover seeds after sowing in indented rows. Blooms June-August. Will help repel deer all season. Will flower April-July.

SEMPERVIRENS - 5988

Perennial. 6-8 in. - 9,000 S. (Snowflake). Clusters of small, bright white flowers borne on mats of narrow, deep green leaves. A nice groundcover that blooms early May through the season. Zones: 3-9

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

WHITEOUT - 5989

Perennial. 6-8 in. - 10,000 S. I. sempervirens. Delivers more uniform flowering and plant habit than Snowflake or Lake Tahoe. The improved branching and center fill provides a more attractive finished plant. No pinching needed for less labor and plant loss. Zones: 3-8

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

IMPATIENS - DMR

40,000 sds/oz 72°-75° 3-5 days

Light required for germination. Cover seeds lightly with a medium grade vermiculite to retain a moist environment for germination. 8-10 weeks sowing to flower in packs. 10-12 weeks for 4-inch pots.

DOWNY MILDEW RESISTANCE! These two series have been bred to be HIGHLY downy mildew resistant. Now it is time to take back the shade!

Since 2011, Impatiens downy mildew (IDM) has decimated Impatiens beds across the globe. IDM is caused by a host-specific water mold, *Plasmopara obducens*. When present, and environmental conditions are met (high humidity and cool night temperatures), the disease can spread rapidly, resulting in flower drop and eventually plant collapse – a loss of impatiens in your garden! Both airborne and overwintering spores meant this popular shade garden flower couldn't be grown with confidence because of the threat of disease.

At first, gardeners planted alternatives for shade colour: Begonia, Torenia, Coleus, as well as New Guinea Impatiens, which are not susceptible to the disease. But nothing could take the place of the traditional Impatiens walleriana garden fill, color range and performance.

What is HIGH RESISTANCE? The plant highly restricts the growth and/or development of the pathogen/damage it causes under normal pressure when compared to susceptible varieties under similar environmental conditions and pressures.

IMPATIENS (continued)

BEACON SERIES New for 2019


10-12 in. - No-Risk Colour for the Garden! Fill your gardens once again with bright, long-lasting color without the risk of disease! Breeder tests have proven Beacon's high resistance to Impatiens downy mildew from sowing all the way through the gardening season. It has the same plant structure, flowering time, flower size and culture as traditional garden impatiens. Now plant shade landscapes with confidence! Ideal in packs, pots, baskets and window boxes. More info available at www.beaconimpatiens.com
Weeks to flower: 7-9 for packs.

Bright Red - 2788  New for 2019

Coral - 2786  New for 2019


Orange - 2787  New for 2019

Salmon - 2789  New for 2019

Violet Shades - 2790  New for 2019

White - 2791  New for 2019

Red White Mixture - 2792  New for 2019
Red and white.

Select Mixture - 2793  New for 2019


A blend of all colors.


Each of the above: (30T9)	500 sds - \$13.25
1,000 sds - \$22.30	2,000 sds - \$43.15
5,000 sds - \$106.10	10,000 sds - \$208.60

IMPATIENS (continued)

IMARA XDR SERIES New for 2019

10-12 in. - Take back the shade! The first Impatiens walleriana with a high degree of resistance to downy mildew. Proven landscape performance that fights back with reliable flowering all season long. Revive your Impatiens sales with this easy and economical to produce series, ideal for high density growing in packs and pots. Results for the resistance were confirmed in independent trials in North America and Europe including trials in 2017 and 2018 at Cornell University's Long Island Horticultural Research and Extension Center. More info available at www.germaniaseed.com/XDR Weeks to flower: 8-10 for packs; 10-12 for pots.


Orange - 2794  New for 2019


Orange Star - 2795  New for 2019


Purple - 2796  New for 2019

Red - 2797  New for 2019

Rose - 2798  New for 2019

Salmon Shades - 2799  New for 2019

White - 2816  New for 2019

Mixture - 2817  New for 2019

A complete mixture of all the above.

Each of the above: (30U9)	500 sds - \$11.40
1,000 sds - \$19.85	2,000 sds - \$34.30
5,000 sds - \$83.90	10,000 sds - \$164.30





The first Impatiens walleriana with a high degree of resistance to downy mildew.

BEACON™ IMPATIENS

NO-RISK COLOR FOR THE GARDEN

Fill your gardens once again with bright, long-lasting colour. NEW Beacon Impatiens from PanAmerican Seed offers high resistance to Impatiens downy mildew and won't collapse due to this destructive disease. For lasting colour, you can rely on Beacon to thrive.

Available in 6 colours and 2 mixes, you can fill baskets, window boxes, and shade landscapes with confidence.

  No more than 4 hours of sun each day

Height: 10-12 in./25-30cm / **Spread:** 12-14 in./30-36 cm



IMPATIENS

35,000-62,000 sds/oz 72°-76° 5-8 days
7-8 weeks sowing to flower in packs. The number one bedding plant in North America, Impatiens offer a wide array of brilliant colors and thrive with minimum care. Blooms continuously from mid-summer until frost. A most valuable bedding plant for shady places. As a pot plant they bloom the year round. Impatiens are easily grown from seed. For satisfactory germination, soil temperature of 72°-76° must be maintained at all times with an even moisture level. Do not cover seeds with mix or media, light induces a more even and higher germination level. Use bottom heat if possible. (Keep seed flats out of direct sunlight.)
Due to the breeder's development efforts, we can assure you of a high germination percentage of at least 92% on all Super Elfin, Accent and Xtreme varieties.

ACCENT SERIES

10-12 in. - 40,000 S. (F-1 Hybrid). A gardener's choice! Early flowering, large flowers with compact, but vigorous growth habit. Ideal in pots, packs or baskets. Improved uniformity in flowering. Premium seed quality, minimum 95% germination of all varieties at NO premium price to you. Weeks to flower: 10-13.

Bright Eye Premium - 2773

Burgundy - 2595

Coral - 2743

Deep Orange Premium - 2768

Deep Pink - 2835

Lavender Blue - 2772

Lilac Premium - 2741

Pink Premium - 2745

Red Premium - 2746

Rose Premium - 2747

Salmon Premium - 2740

Violet Premium - 2748

White Premium - 2749

Limited Edition Mixture Premium - 2735

Deep Orange, Lavender Blue, Lilac, Pink, Red, Rose, Salmon and White.

Mixture - 2750

Complete mixture of all colors.

Peppermint Mixture Premium - 2820

Bright Eye, Pink, Red, and Rose.

ACCENT STAR SERIES

8-10 in. - 34,800 S. A part of the Accent Series with early flowering, large bicolor starred flowers. Weeks to flower: 10-13.

Orange Premium - 2781

Red - 2782

Rose - 2783

Violet Premium - 2784

Mixture - 2785

Complete mixture of the Star colors.

Each of the above: (30X9) 500 sds - \$10.40
1,000 sds - \$18.35 2,000 sds - \$33.80
5,000 sds - \$80.55 10,000 sds - \$152.80

IMPATIENS, F-1 HYBRID (continued)

SUPER ELFIN SERIES

7-8 in. - 24,000-69,500 S. (F-1 Hybrid). Very dwarf, base-branching habit with free-flowering form that requires no pinching. We will only be selling this uniseed premium quality of 95%+ germination of all varieties at NO premium in price to you. Starburst series features a butterfly/star pattern fading to a solid color margin. Please note the XP colors, new for 2008. Super Elfin XP delivers a tight bloom window of 5 to 7 days, plus larger flowers than comparable varieties.

Blue Pearl Xp - 2717

Bright Orange - 2714

Coral Xp - 2710

Lilac Xp - 2766

Lipstick - 2723 Hot rose.

Pink Xp - 2716

Punch Xp - 2767

Red Starburst Xp - 4393 Vibrant red margin with stable white stardust pattern.

Red Xp - 2721

Rose Xp - 2722

Ruby - 2733

Salmon Splash Xp - 2718

Orange-salmon eye on lighter orange-salmon background; eye becomes more prominent as the blooms mature.

Salmon Xp - 2724

Scarlet Xp - 2725

Violet Starburst Xp - 4374 Bright violet margin with stable white stardust pattern.

Violet Xp - 2730

White Xp - 2726

Clear Mixture Xp - 2863 A solid color mixture of Blue Pearl, Coral, Pink, Punch, Red, Rose, Salmon, Violet and White.

Mixture - 2711

A blend of all colors in this series.

Paradise Mixture - 4400 A blend of Lavender, Lipstick, Melon XP and Violet XP.

Each of the above: (30S9) 500 sds - \$10.10
1,000 sds - \$18.90 2,000 sds - \$36.45
5,000 sds - \$89.30 10,000 sds - \$174.80

Red White Mixture - No longer available.

TUMBLER SERIES

Rose Star - Sorry, no longer available.

Violet Star - Crop failure. As a substitute, we suggest Accent Star Violet Premium.

White - Crop failure. As a substitute, we suggest Accent White.

Mixture - Crop failure. As a substitute, we suggest Accent Mixture.

Scarlet - Crop failure. As a substitute, we suggest Accent Red.

Violet - Crop failure. As a substitute, we suggest Accent Violet.

IMPATIENS, F-1 HYBRID (continued)

XTREME SERIES

8-10 in. - 35,000 S. (F-1 Hybrid). Best choice for a uniform, early and compact series. Minimum PGR requirement and reduced stretching in the pack make it very grower friendly. Well suited for high-density mass production, with a minimum germination of 95%. Weeks to flower: 8-10.

Bright Eye - 2893 White blush with cherry eye.

Bright Rose - 2897 Vivid rose pink.

Lavender - 2736

Lilac - 2827

Orange - 4888

Pink - 2738

Red - 2770

Salmon - 2826

Scarlet - 2839

Violet - 2895

White - 2855

Hot Mixture - 2853

Red, Salmon, Scarlet, and White.

Mixture - 2896

Complete mixture of all colors.

Rosey Mixture - 2779

Pink, Rose, Violet, and White.

Sapphire Mixture - 4889

Pink, Lavender, and Violet.

Tango Mixture - 4967

Red, Scarlet, and Violet.

Each of the above: (30X9) 500 sds - \$10.40
1,000 sds - \$18.35 2,000 sds - \$33.80
5,000 sds - \$80.55 10,000 sds - \$152.80

IMPATIENS, NEW GUINEA

10,000-17,000 sds/oz 72-78° 6-8 days

Cover seed lightly with coarse vermiculite. Maintain 100% humidity. Keep soil temperature at 70° after germination until transplant.

DIVINE ORANGE - 4805

10-14 in. - 17,000 S. I. hawkeri. (F-1 Hybrid). Bronze leaf. Great branching habit produces a lot of flowers all season long. Versatile for in-ground and container use.

Weeks to flower: 10-12.

25 sds - \$7.20 50 sds - \$11.75
100 sds - \$16.85 250 sds - \$32.15
500 sds - \$53.50 (25A9)

FLORIFIC MIXTURE - 4817

8-12 in. - 13,500 S. I. hawkeri. (F-1 Hybrid). Uniform and well-branched plants are paired with large, flat vibrant flowers held just over the foliage. Strong tolerance to downy mildew. Better branching and more compact than previous types. Use for premium packs, pots and hanging baskets. Weeks to flower: 12-14.

50 sds - \$8.65 100 sds - \$15.20
250 sds - \$28.75 500 sds - \$44.65
1,000 sds - \$77.15 (26C9)

IREFINE, HERBSTII

45,000 sds/oz 70°-74° 3-7 days

Cover seeds with coarse vermiculite. Reddish foliage indicates plants need more fertilizer. High light levels and high fertilizer will give foliage a crinkled look.

PURPLE LADY - 2165

6-8 in. - 39,000 S. Dark purple foliage plant available for the first time from seed. Low, spreading habit to 36-48 in. will cascade as branches get longer and heavier. Good groundcover in garden, accent in mixed containers, or as a single basket item. Shade to part sun, with higher sun tolerance in humid areas. Weeks to finish: 9-11 for 4 in.; 13-14 for 10 in.

25 sds - \$9.90	50 sds - \$18.65
100 sds - \$28.25	250 sds - \$57.13
500 sds - \$97.50	(25F9)

KALE, FLOWERING

Brassica oleracea (Acephala Group)

5,000-10,000 sds. sds/oz 70-75° 10 days

Easily grown in organically rich, consistently moist, well-drained loams in full sun.

Ornamental cabbage and kale are cool weather plants that need cool temperatures to produce best leaf colors. In mild winter climates, plants often survive winter and remain attractive until they bolt in spring.

CORAL QUEEN - 4542


8 in. - 6,000-10,000 S. Red center with purple green edge. The feathered leaves are all deeply serrated. This variety has a larger head that is supported by a thick, sturdy stem of moderate height. The plants can withstand a severe cold winter and work well in wet conditions as they open, feathery leaves are less likely to trap and hold water than fringed and round leaved types.


100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)


CRANE SERIES


24 in. - 8,500-10,500 S. (F-1 Hybrid).

A long lasting cut flower variety that can also be used as a cool season garden accent. The tight, colorful heads look like immense roses. Average temperature below 60 degrees needed for flowers to develop color.

Bicolor - 4698  Rose center surrounded by creamy white with green outer petals.

Red - 4699  Green leaf tips with a delicate rose-purple center.

Rose - 4727  Rosy-purple centers with gray-lavender outer leaves.

White - 4700 

Creamy white and pink.

Each of the above: (28C9)	100 sds - \$7.70
	200 sds - \$12.90
	500 sds - \$22.55
	1,000 sds - \$36.50
	2,000 sds - \$66.40

KALE, FLOWERING (continued)

CRANE FEATHER SERIES

20-36 in. - 7,000 S. (F-1 Hybrid).

The first uniform feather-leaf flowering kale. The texture brings a contemporary flair to arrangements and bouquets.

King (white) - 4705 

Queen (red) - 4706 

Each of the above: (26E9)	50 sds - \$9.90
	100 sds - \$18.65
	250 sds - \$36.40
	500 sds - \$57.15
	1,000 sds - \$99.65

GLAMOUR RED - 2627

12 in. - 9,000 S. (All America Winner - 2011).

The first kale to win the AAS award since 1932! Unusually shiny fringed leaves that are waxless which create an intense, vivid color. Flower head is in the 10 to 12 inch range. Once night time temperatures dip and stay below 55 degrees for a couple of weeks, the leaves start exhibiting their bulls-eye coloring. Weeks to finish: 12-14.

25 sds - \$8.65	50 sds - \$15.20
100 sds - \$22.55	250 sds - \$44.65
500 sds - \$75.50	(25C9)

NAGOYA SERIES

8 in. - 6,000-8,500 S. (F-1 Hybrid).

Leaves are wavy and fringed. Early with uniform growth habit.

Red - 2408 Improved for 2019! Red on green.

Rose - 2256

White - 2257

Mixture - 2650

Each of the above: (28A9)	100 sds - \$6.90
	200 sds - \$10.20
	500 sds - \$16.85
	1,000 sds - \$26.50
	2,000 sds - \$47.20

PEACOCK SERIES

12-18 in. - 7,500 S. (F-1 Hybrid). Finely cut, feathery leaves. Dwarf, compact habit.

Red - 2624

White - 2625

Mixture - 2628

Each of the above: (28E9)	100 sds - \$8.85
	200 sds - \$15.75
	500 sds - \$28.25
	1,000 sds - \$46.50
	2,000 sds - \$85.60

KENILWORTH IVY

Linaria Cymbalaria

600,000 sds/oz

Trailing plants for rock gardens. Small lilac flowers; foliage in long drooping sprays.

KENILWORTH IVY - 6013

Perennial. 6 in. - 170,500 S. Trailing plants for rock gardens. Small lilac flowers; foliage in long drooping sprays. Zones: 3-8

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

Larkspur.

Also see listing of Delphinium.

LARKSPUR

8,000 sds/oz 55° 21 days

For the best germination, cover seeds lightly after sowing. Darkness will help germination. Freeze seed 3-5 days before sowing.

Sow outdoors in late fall or in early spring as soon as the ground can be worked. 2 lbs. seed will grown an acre, 1 oz. a row 600-700 ft. For growing under glass, space 10 in. x 10 in. on raised benches and maintain a night temperature of not over 50°.

Seed does not germinate well in hot weather. If a sowing must be made in summer heat, chill it for several days in a refrigerator (45°-50°) or set the seed flat under a bench or in a cool shed. It takes from 2-3 weeks to germinate, sometimes longer. Following varieties are the best for growing under glass and outdoor cultivation. They retain the desirable height and basal branching habit of the Giant Imperials; have Delphinium-like florets on long, thick spikes. Will attract hummingbirds all season.

FROSTED SKIES - 2287


38 in. - 11,000 S. 2 in. pure white, double flowers with picotee blue edges.


500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

QIS SERIES


36 in. - 8,500-11,000 S.


Delphinium consolida. An improved series with considerable improvement over standard varieties with regard to uniformity, color and stem quality. The best series for cut flower production.


Carmine - 4825 


Dark Blue - 4826 


Light Blue - 4827 

Light Pink - 4828 

Lilac - 4894 

Rose - 4829 

White - 4830 

Mixture - 4831 

Each of the above: (31C9)	1,000 sds - \$7.60
	2,000 sds - \$11.80
	5,000 sds - \$21.85
	10,000 sds - \$36.60
	25,000 sds - \$77.10

RUSTIC SERIES

36-40 in. - 23,500-31,000 S.

Consolida regalis. Unique alternative to baby's breath. Airy, sprays of 1/2 in. single, spurred blooms. Bushy plants produce loads of stems for for cutting over a long harvest period. Perfection addition to any bouquet.

Blue Cloud - 2094 

Snow Cloud - 2087 

Each of the above: (31A9)	1,000 sds - \$6.90
	2,000 sds - \$8.20
	5,000 sds - \$13.25
	10,000 sds - \$20.60
	25,000 sds - \$40.85

LATHYRUS (SWEET PEA)

Hardy Sweet Pea

500 sds/oz 55°-65° 3 to 4 weeks

Soak seed in water for 24 hours before sowing. Sow 2 in. deep. A climbing vine that's useful as a screen. Flowers are nice for cutting. Thrives in cool climates with full sun. Will bloom June-September.

MIXTURE - 6022

Perennial. A mixture of pink, red and white.

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

LAURENTIA

Isotoma

61°-64° 100-115 days

For best germination, plant in full light and maintain low humidity.

STARSHINE SERIES

12-14 in. - 282,000 S. (F-1 Hybrid).

Soft green foliage disappears beneath a mass of gorgeous star-shaped flowers. Well branched and early flowering with amazing heat tolerance. Ideal for containers and baskets. This lovely variety emits a sweet evening fragrance making it a good candidate for placing near a door or window. Weeks to flower: 8.

Blue - 3545

12-14 in. - 282,000 S. (F-1 Hybrid).

Soft green foliage disappears beneath a mass of gorgeous star-shaped flowers. Well branched and early flowering with amazing heat tolerance. Ideal for containers and baskets. This lovely variety emits a sweet evening fragrance making it a good candidate for placing near a door or window. Weeks to flower: 8.

50 sds - \$9.35	100 sds - \$16.90
250 sds - \$32.60	500 sds - \$50.90
1,000 sds - \$88.40	(26D9)

TRISTAR SERIES

8 in. - (F-1 Hybrid). Attractive star-shaped flowers on a cushion of medium green finely cut foliage. Lovely mounding habit. Flowers throughout the summer. Extremely charming in window boxes, containers and hanging baskets. PELLETED SEED.

Sky Blue - 4902PE

White - 4903PE

Mixture - 4904PE

Each of the above: (28D9)	100 sds - \$8.25
	200 sds - \$14.35
	500 sds - \$25.40
	1,000 sds - \$41.50
	2,000 sds - \$76.00

Also see listing of *Lavandula* under Herbs.

LAVANDULA

LAVENDER

28,000 sds/oz 65°-72° 14-20 days

Freeze seed for 5-7 days before sowing. Needs light to germinate. Nice cutflower that will bloom June-September. Will attract butterflies and repel deer all season. Herb of the Year 1999.

MINI BLUE (ENHANCED) - 6612EN

① **Perennial.** 10-12 in. - 22,000-28,000 S. *L. angustifolia*. Spreading, compact habit with rich gray-green foliage. Numerous flower spikes with very strong stems. Good for edging and rock gardens. ENHANCED SEED for better and more uniform germination. Weeks to flower: 34-38. Zones: 5-8

100 sds - \$8.85	200 sds - \$15.75
500 sds - \$28.25	1,000 sds - \$46.50
2,000 sds - \$85.60	(28E9)

AVIGNON EARLY BLUE - 6615

① **Perennial.** 10-12 in. - 37,000 S. *L. angustifolia*. Deep blue spikes with green colored leaves. Shear back in early Spring to rejuvenate the plant and keep it full and bushy. Well-branched, bushy plant has a feel-good fragrance. Weeks to finish: 10-14 (24-36 weeks overwintered). Zones: 6-8

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

BLUE SCENT - 6597

⊗ ① **Perennial.** 14 in. - 28,000 S. *L. angustifolia*. Beautiful spikes of fragrant lavender flowers with blue overtones rising above the foliage from early to late summer, which are most effective when planted in groupings. The flowers are excellent for cutting. It has attractive grayish green foliage. The fragrant needles are ornamentally significant and turn coppery-bronze in fall. Lends an extremely fine and delicate texture to the landscape composition which should be used to full effect. Relatively low maintenance shrub and can be pruned at anytime. Good choice for attracting butterflies and bees to your yard, but is not particularly attractive to deer. Has no significant negative characteristics. Weeks to finish: 8-12. Zones: 6

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

BLUE SPEAR - 6616

① **Perennial.** 11-13 - 27,000 S. *L. angustifolia*. The showiest English Lavender you can grow and sell! Bigger and taller spikes than any other lavender, with more upright flower stems that stand closer to each other for huge impact from a distance. Very easy to grow, with high uniformity, good habit and earliness. Weeks to finish: 11-15. Zones: 6-8

50 sds - \$7.90	100 sds - \$13.50
250 sds - \$24.90	500 sds - \$38.40
1,000 sds - \$65.90	(26B9)

LAVANDULA (continued)

ELLAGANCE SERIES

Perennial. 12-14 in. - 20,000 S.

L. angustifolia. Large, densely filled spikes with great appeal. Well branched bushy plants. Enhanced seed for better and more uniform germination. ENHANCED SEED. Zones: 5-7

Pink - 6604EN

Purple - 6607EN ①

Purple blue.

Sky - 6608EN ①

Light lavender blue.

Snow - 6605EN True White.

Mixture - 6609EN ①

Each of the above: (28E9)	100 sds - \$8.85
	200 sds - \$15.75
	500 sds - \$28.25
	1,000 sds - \$46.50
	2,000 sds - \$85.60

ENGLISH LAVENDER - 6516

Perennial. 16 in. - 23,000 S. *L. vera*. (True Lavender). Heirloom. Dried flowers used as a moth repellent. Sweet-scented lilac flowers. Looser habit and paler foliage than many of the other varieties. Zones: 5-9

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

HIDCOTE BLUE (ENHANCED) - 6027EN

⊗ **Perennial.** 12 in. - 30,000 S. *L. angustifolia*. Strongly scented flowers of midnight blue bloom June-September. Compact plants with darker silver-gray foliage. For fresh or dried use. ENHANCED SEED for improved and more uniform germination. Zones: 5-9

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

LAVANCE DEEP PURPLE - 6023

① **Perennial.** 10-20 in. - 31,000 S. *L. angustifolia*. The most intense spike and flower color of all seed Lavenders. Offers the perfect combination of true first year flowering with an excellent uniform, compact plant habit. Good base-branching habit, producing an excellent rich flush of attractive spikes with deep purple sepals and purple petals. Grows well and finishes quickly in the second part of the first year flowering season (potting Week 17 onwards). Can also be scheduled for a traditional overwintering production with potting in Weeks 28-32. Zones: 5-8

100 sds - \$8.85	200 sds - \$15.75
500 sds - \$28.25	1,000 sds - \$46.50
2,000 sds - \$85.60	(28E9)

MUNSTEAD STRAIN - 6028

Perennial. 12-18 in. - 29,000 S. *L. angustifolia*. Heirloom. Dark lavender-blue flowers on lacy, gray-green sweetly scented foliage. Flowers one month earlier than common lavender, between the months of June-August. Zones: 5-9

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

30% Discount Off your Seed Orders of \$500 or more when booked by Oct 31st!

LAVANDULA (continued)

ORIGANO - 2674

☞ 20 in. - 45,000 S. *L. multifida*. (Fern Leaf Lavender). Flowers with showy purple corollas and oregano scented foliage.

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

PURPLE RIBBON - 6517

Perennial. 14-16 in. - 35,000 S. *L. stoechas*. (Spanish Lavender). Tender perennial with no vernalization required; also suitable for annual production. Dark purple flowerheads and large purple bracts on bushy plants. Zones: 7-10

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

SPANISH EYES - 2534

☞ 18-24 in. - 40,500 S. *L. multifida*. Quick to bloom; flowering 8 weeks after germination and keeps going throughout the summer. Perfect for flower arrangements. A fernleaf type with multi branching stems. It doesn't have the traditional lavender aroma, but makes up for it in beauty and performance. Great weather tolerance.

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

VICENZA BLUE (ENHANCED) - 6040EN

① **Perennial.** 12-16 in. - 31,000 S. *L. angustifolia*. Large, deep blue flower spikes form an abundant crown of flowers over fragrant foliage. Enhanced seed for improved and more uniform germination. Zones: 5-9

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

WHITE SCENT EARLY - 6614

☞ **Perennial.** 14 in. - 28,000 S. *L. angustifolia*. White flowers are gracefully displayed on long sturdy stems perfect for drying or using in crafts. Highly fragrant, with silver-grey leaves and foilage.

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

LEONOTIS

LION'S EAR, LION'S TAIL

68-70° 14-21 days

STAIRCASE - 3093

☞ 36-72 in. - 12,000 S. Unique, showy and impressive! Whorls of brilliant orange burst from green orbs spaced 3-5 inches apart on strong, square stems. Perfect color for late summer and early autumn. Attractive spiny seed heads can also be used fresh or dried. Vigorous, base-branching plants produce loads of stems.

50 sds - \$9.35	100 sds - \$16.90
250 sds - \$32.60	500 sds - \$50.90
1,000 sds - \$88.40	(26D9)

LAVATERA (MALLOW)

4,500 sds/oz 70° 2 weeks

30-48 in. - 2,800 S. An easy, fast growing variety with colorful mallow-like flowers. Lovely in mixed bouquets. Hick stemmed spikes of satiny, hollyhock-like, 4 in. blooms. Well-branched vigorous plants. Performs best in cool climate condition. Weeks to flower: 13-17.

NOVELLA ROSE - 2976

12-14 in. - 5,400 S. *L. trimestris*. A compact, early flowering plant that produces 3 in. single rose-pink flowers and mid-green foliage. blooms. Extremely versatile as a pot bedding plant or flowering pot plant. Weeks to flower: 14-16.

100 sds - \$9.40	200 sds - \$17.10
500 sds - \$31.10	1,000 sds - \$51.50
2,000 sds - \$95.20	(28F9)

TRIMESTRIS ROSE - 2669

☞ 30-48 in. - 4,000 S. (Silver Cup). Thick stemmed spikes of satiny shades of white and pink, with maroon centers and veining on the petals. Hollyhock-like 4 in. blooms. Well-branched vigorous plants. Performs best in cool climate condition. Weeks to flower: 13-17.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

LEONTOPODIUM

Edelweiss

60° 2-3 weeks

For best germination, refrigerate seed 10 days before sowing. Do not cover seeds after sowing. Light will help germination. Blooms June-August.

ALPINUM - 6032

Perennial. 6 in. - 282,000 S. Silvery grey foliage, bearing clusters of wooly white flowers with small flower heads held in stars of glistening whitish bracts. Zones: 3-6

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

LEYCESTERIA

Himalayan honeysuckle

65°-68° 10-12 days

Cover lightly with vermiculite.

JEALOUSY (MULTI-SEED) - 6076MP

Perennial. 36-60 in. - *L. formosa*. Eye-catching bright chartreuse foliage. Big, bushy shape is sure to make this dramatic accent plant the envy of every garden. All season interest in the landscape-some blooms appear in July; cooler conditions bring maroon highlights to the foliage and flowers in the Summer; and purple fruits appear in Autumn. Fantastic to pair with other vigorous items in large containers and performs well in the wetlands. MULTI-SEED PELLET contains 5-6 seeds per pellet. Weeks to finish: 14-16. Zones: 4

25 sds - \$9.90	50 sds - \$18.65
100 sds - \$28.25	250 sds - \$57.13
500 sds - \$97.50	(25F9)

LEWISIA

Bitter Root

45,000 sds/oz 70° 14 days

Light will help germination. Will flower May-July.

COTYLEDON MIXTURE - 6031

Perennial. 5 in. - 51,000 S. 1 1/2 in. single flowers in a beautiful blend of colors. A hardy perennial that will bloom May-September. Zones: 5-8

100 sds - \$8.85	200 sds - \$15.75
500 sds - \$28.25	1,000 sds - \$46.50
2,000 sds - \$85.60	(28E9)

LIATRIS

Gay Feather, Button Snake Root, Blazing Star

9,500 sds/oz 65°-75° 3 weeks

For the best germination, do not cover seeds after sowing. Light will help germination. Excellent cut flowers, fresh or dried. Blooms July - September. Will attract butterflies, hummingbirds, and songbirds all season.

FLORIST STRAIN VIOLET - 6043

☞ **Perennial.** 24-36 in. - 10,000 S. Low clumps of grassy looking leaves, bearing tall spikes of bright magenta-purple flowers beginning in midsummer. Very useful in the sunny border, meadow garden or in containers. Drought tolerant. Attractive to butterflies. Clumps may be easily divided every 3-4 years in the spring. Plants may need to be staked. Zones: 3-8

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

KOBOLD - 6041

Perennial. 18 in. - 9,000 S.

A native American wildflower excellent for border, meadow or wild garden settings. Spikes of rounded, fluffy, deep purple flower heads atop rigid, erect, leafy foliage. One of the finest selections. Zones: 3-9

250 sds - \$11.50	500 sds - \$22.00
1,000 sds - \$34.50	2,000 sds - \$60.00
5,000 sds - \$126.50	(29E9)

LIGULARIA

3,500 sds/oz 60°-65° 2 weeks

Darkness will help germination. Will attract butterflies, hummingbirds and songbirds all season.

DENTATA - 6039

Perennial. 40 in. - 3,000 S. *L. clivorum*. Multitude of daisy-like, bright yellow-orange flowers above large chocolate maroon leaves. Zones: 4-8

100 sds - \$9.90	200 sds - \$18.50
500 sds - \$33.95	1,000 sds - \$56.50
2,000 sds - \$104.80	(28G9)

LINARIA

Maroccana (Baby Snapdragons)

600,000 sds/oz 65° 10 days

ENCHANTMENT (MULTI-SEED) - 1220MP

14-16 in. - (F-1 Hybrid). Small, snapdragon-like fragrant flowers are a very intense magenta color with a gold bee. Better heat tolerance, but ideal for Fall and Spring sales. MULTI-SEED PELLETT contains 5-6 seeds per pellet. Weeks to flower: 9-10.


25 sds - \$9.70	50 sds - \$17.80
100 sds - \$26.80	250 sds - \$54.00
500 sds - \$92.00	(25E9)

FAIRY BOUQUET - 2665

8-10 in. - 475,000 S. (All America Winner - 1934). *L. maroccana*. Compact, free, early blooming border plants. A blend of bright colors with beautiful snapdragon-like flowers.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

LICILIA AZURE - 2660

 *New for 2019* 18 in. - *L. maroccana*. Gorgeous sprays of deep blue and clear white are bright and beautiful in a spring to summer garden. Each flower is like a tiny snapdragon that bees and butterflies find irresistible.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

SPRING MIXTURE (PELLETED) - 1204PE

(Formerly Fantasy Mixture). A mixture of blooms in blue, magenta, pink, rose, white and yellows.

100 sds - \$9.40	200 sds - \$17.10
500 sds - \$31.10	1,000 sds - \$51.50
2,000 sds - \$95.20	(28F9)

LINUM

DIAMANT WHITE - 6044

Perennial. 18-24 in. - 17,000 S. Dainty, 1 in. white flowers bloom on soothing grey-green foliage. Ideal for rock gardens, edgings or front of the border.

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

PERENNE - 6045

① **Perennial.** 24 in. - 15,000 S. Pretty blue flowers on slender stems. Very attractive border plant. Will flower the first year from seed.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)


SAPPHIRE (SAPHYR) - 5942

① **Perennial.** 10 in. - 20,000 S. Attractive sky-blue flowers appearing late spring all through summer. Narrow grey-green leaves. Does well in full sun. Will flower the first year from seed, Zones: 2-9


250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)


LISIANTHUS, DOUBLE

ECHO SERIES


 30-36 in. - Popular cut flower series for greenhouse or field production. Elegant, sprays of fully double blooms on strong stems. Best for flowering April to mid-June. Early-flowering - Group III. Weeks to flower: 30-36. PELLETTED SEED.


Blue - 6017PE 


Champagne - 6000PE 


Lavender - 6558PE 

Pink - 6018PE 

Pink Picotee - 6533PE 


White - 6016PE 

Yellow - 6534PE 

Mixture - 6020PE 

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00


ROSANNE SERIES

 36-48 in. - (F-1 Hybrid). Unique colors and patterns with more usable buds. Thick, fully double flower petals and top flowering reduce botrytis problems during transportaion. Flower stamens do not open (no pollen is shed) providing excellent vase life. Please note the group numbers associated with color for timing.

Weeks to flower: 22-24. PELLETTED SEED

1 Black Pearl - 6049PE 

Group 1. Darkest purple.

1 Green - 6021PE 

Group 1. Deepest and most vibrant green.

2 Deep Brown - 6050PE 


Group 2. Trendy lavender brown.

3 Brown


Group 3. Brick brown.


Each of the above: (26E9)	50 sds - \$9.90
100 sds - \$18.65	250 sds - \$36.40
500 sds - \$57.15	1,000 sds - \$99.65


ROSITA SERIES


 36-48 in. - (F-1 Hybrid). A rose without thorns. The standard in double flowered blooms with thick petals, top flowering and strong stems are easy to transport the flowers without botrytis problems. Suitable for spring and summer flowering. Enjoy the excellent vase life with these medium-sized, rose shaped flowers and more useable buds. Please note the group numbers associated with color for timing.

Weeks to flower: 22-24. PELLETTED SEED.

2 Blue Flash - 5993PE 

2 Green - 5999PE 

2 Pink Flash - 6001PE 

2 Sapphire - 5997PE 

Each of the above: (26C9)	50 sds - \$8.65
100 sds - \$15.20	250 sds - \$28.75
500 sds - \$44.65	1,000 sds - \$77.15

LOBELIA, COMPACT

700,000 sds/oz 70°-75° 14 days

Sow in sterilized media, do not cover seeds with soil after sowing. Maintain a 70° soil temperature with even moisture throughout germination period.

Please keep in mind that ALL varieties of White Lobelia will flower with a small percentage being blue. This is typical under any conditions as they revert back to their original parent line - Not a contamination or error problem when your order was being filled. Ideal for bedding, borders, pots, window boxes, rock gardens and hanging baskets.

CRYSTAL PALACE - 2688

970,500 S. Very dwarf. Deep blue flowers offset by dark, bronzed foliage. One of the best edging plants for continuous color.

MRS. CLIBRAN - 2691

1,280,000 S. Deep blue with white eye, light green foliage. Free-flowering making them very useful for edging and also valuable for window boxes, hanging baskets and for a mass planting for a flowering ground cover.

Each of the above: (34A9)	5,000 sds - \$7.70
10,000 sds - \$11.10	25,000 sds - \$20.45
50,000 sds - \$36.70	

PALACE SERIES-MULTI-SEED

5 in. - Very early flowering with nice compact habit. All varieties have the attractive bronze-green foliage. MULTI-SEED PELLETT.

Blue - 2645MP Mid-Blue.

Blue With Eye - 2648MP
Mid-Blue with Eye.

Lilac - 4539MP Deep lilac.

Mixture - 2652MP

RIVIERA SERIES-MULTI-SEED

5 in. - Extra early flowering series, almost 2 weeks earlier than other varieties. Good garden performance. MULTI-SEED PELLETT.

Blue Eyes - 2567MP

Lilac - 2662MP

Soft lilac flowers.

Marine Blue - 2568MP

Midnight Blue - 2569MP

Dark blue flowers, bronze foliage.

Rose - 2814MP

Sky Blue - 2664MP

Mid-blue flowers.

White - 2655MP

Mixture - 2666MP

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

WHITE LADY - 2694

1,280,000 S. Compact edging plant adorned with many small glistening white flowers. Excellent for tubs, window boxes and planters. (34A9)

5,000 sds - \$7.70	10,000 sds - \$11.10
25,000 sds - \$20.45	50,000 sds - \$36.70

LOBELIA, PERENNIAL

Cardinal Flower

700,000 sds/oz 65°-75° 3 weeks

For the best germination, refrigerate seed 10 days before sowing. Do not cover seeds after sowing. Light will help germination. A moisture loving plant with flowers resembling small flying birds that will attract hummingbirds and butterflies. Ideal for wetlands and as an edging at ponds and creeks. Makes excellent border plants. Blooms July - September, the same year sown. Nice cutflower. Please keep in mind that you must handle as a tender perennial and provide protection.

CARDINALIS - 6051

⌘ Perennial. 36 in. - 700,000 S. Spikes of bright rich scarlet. Mostly green leaved.

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)

FAN SERIES

⌘ ① Perennial. 20-24 in. - (F-1 Hybrid). Very early, sturdy and well branched plants. Will flower the first year from seed. Great for 1-2 gallon production and also a nice cut flower. Weeks to flower: 19-22. PELLETED SEED. Zones: 6-10

Blue - 6307PE ⌘ ① Up to 4 inches taller than other colors in series.

Burgundy - 6301PE ⌘ ①

Burgundy-red, green foliage.

Scarlet - 6305PE

Mixture - 6306PE ⌘ ①

Mix of all colors.

Each of the above: (26C9)	50 sds - \$8.65
100 sds - \$15.20	250 sds - \$28.75
500 sds - \$44.65	1,000 sds - \$77.15

QUEEN VICTORIA - 6069

⌘ ① Perennial. 24 in. - 650,000 S. L. hybrida. Deep scarlet flowers with dark leaves. Zones: 6-8

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

QUEEN VICTORIA (PELETED) - 6069PE

① Perennial. 24 in. - L. hybrida.

Deep scarlet flowers with dark leaves. Zones: 6-8

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

SIPHILITICA - 6035

⌘ Perennial. 20-24 in. - 1,500,000 S. Beautiful clear blue flowers. Please keep in mind that a small percentage of flowers will always revert to white when mature.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

LOBELIA, PERENNIAL (continued)

STARSHIP SERIES

① Perennial. 20-24 in. - L. speciosa. (F-1 Hybrid). Sturdy, bushy plants are low maintenance. Delivers good germination and plug yield. Attracts hummingbirds. Week to flower: 12-16.

PELETED SEED. Zones: 6-10

Deep Rose - 6090PE ①

Unique pink-rose color. Approximately 1 week later to flower than Scarlet.

Scarlet - 6085PE ⌘ ①

Scarlet-red.

VULCAN RED (PELETED) - 6056PE

⌘ Perennial. 24-32 in. - L. speciosa. An improvement over Queen Victoria. Rich red flowers and bronze leaves are great for Autumn mixed combos. Full, well branched and strong stemmed, with a uniform and more controlled habit.

Weeks to flower: 14-19. Zones: 6-10

Each of the above: (26D9)	50 sds - \$9.35
100 sds - \$16.90	250 sds - \$32.60
500 sds - \$50.90	1,000 sds - \$88.40

LOBELIA, TRAILING

700,000 sds/oz 70°-75° 14 days

Sow in sterilized media, do not cover seeds with soil after sowing. Maintain a 70° soil temperature with even moisture throughout germination period.

Please keep in mind that ALL varieties of White Lobelia will flower with a small percentage being blue. This is typical under any conditions as they revert back to their original parent line - Not a contamination or error problem when your order was being filled. Ideal for bedding, borders, pots, window boxes, rock gardens and hanging baskets.

REGATTA SERIES

910,000-2,780,000 S. A very uniform and free-flowering trailing type series that will bloom up to 4 weeks earlier than other varieties. Weeks to flower: 12-15.

Blue Splash - 4730

White flowers with blue throat and slight picotee markings.

Lilac - 4731

Lilac Splash - 4538

White with distinct lilac center.

Marine Blue - 4732

Midnight Blue - 4733

Dark blue flowers, bronze foliage.

Rose - 4734

Sky Blue - 4735

White - 4537

Mixture - 4536

Each of the above: (34A9)	5,000 sds - \$7.70
10,000 sds - \$11.10	25,000 sds - \$20.45
50,000 sds - \$36.70	

LOBELIA, TRAILING (continued)

REGATTA SERIES-MULTI-SEED

A very uniform and free-flowering trailing type series that will bloom up to 4 weeks earlier than other varieties.

Weeks to flower: 12-15. MULTI-SEED PELLETT

Midnight Blue - 4733MP

Dark blue flowers, bronze foliage.

Sapphire - 4738MP

Each of the above: (29C9)	250 sds - \$9.25
500 sds - \$16.60	1,000 sds - \$25.35
2,000 sds - \$43.20	5,000 sds - \$89.75

LUNARIA, BIENNIS

MIXTURE - 6055

⌘ Perennial. 1,300 S. Showy sprays of pretty 2 in. purple and white flowers in spring are followed by papery, flat seedpods that look like silver dollars. The cone-like seed pods are used in dried bouquets. Very decorative. Flowers may attract butterflies.

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

LUPINUS

Hardy Lupine

1,000 sds/oz 2-3 weeks

For the best germination, freeze seed for 4-5 days and then soak seed in water for 5-7 days before sowing. After sowing seed, cover lightly. For best results, alternate soil temperature of 80° days and 70° nights. Darkness will help germination. Keep soil surface moist. Requires a well drained location and they like acid soil; partial shade or full sun will do. Nice cut flower. Will flower the first year from seed. Blooms May-August. Will attract butterflies and hummingbirds all season and will repel deer from the garden.

DWARF MINARETTE

Mixture - 6067 ① Perennial. 18 in. - 1,000 S. L. polyphyllus. Beautiful miniature blend. Will flower the first year from seed. Zones: 3-7

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

GALLERY SERIES-ENHANCED

① Perennial. 18 in. - 1,500 S.

L. polyphyllus. Coated and treated for enhanced disease and fungal prevention. Very dwarf strain with 6-8 in. spikes. Nice compact habit, makes them outstanding in pots. Will flower the first year from seed. Enhanced seed for better and more uniform germination. ENHANCED SEED. Zones: 3-7

Bicolor Rose And White - 6117EN ①

Blue Shades - 6100EN ① Blue bicolor.

Pink Shades - 6101EN ① Pink bicolor.

Red Shades - 6102EN ① Red bicolor.

White Shades - 6103EN ①

Yellow Shades - 6104EN ① Yellow bicolor.

Mixture - 6105EN ①

Each of the above: (26C9)	50 sds - \$8.65
100 sds - \$15.20	250 sds - \$28.75
500 sds - \$44.65	1,000 sds - \$77.15

LUPINUS continued on next page

LUPINUS (continued)

HARTWEGI GIANT KING MIX - 2668

☞ 36 in. - 1,000 S. L. hartwegii ssp. This strain is an improvement over the older ordinary strain of Hartwegi with larger flowers, closer placed on longer spikes. Do not overwater.

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

RUSSELL SERIES-ENHANCED

☞ ① **Perennial.** 30-36 in. - 1,000 S. L. polyphyllus. Long, symmetrical spikes. Will flower the first year from seed. Performs best where summers are cool. Enhanced seed better and more uniform germination. The seeds are disinfected and treated with a fungicide initially and then coated to minimize the risk of anthracnose. The treatment is effective but is not a 100% guarantee against infection. It is still important that growers maintain a fungicide treatment programed to ensure success. ENHANCED SEED. Zones: 3-6

Blue Shades (the Governor) - 6063EN ☞ ①

Carmine Shades (the Pages) - 6107EN ☞ ①

Pink Shades (chatelaine) - 6062EN ☞ ①

Red Shades (My Castle) - 6064EN ☞ ①

White Shades (noble Maiden) - 6068EN ☞ ①

Yellow Shades (chandelier) - 6065EN ☞ ①

Mixture - 6066EN ☞ ①

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

RUSSELL SERIES-RAW SEED

☞ ① **Perennial.** 30-36 in. - 1,000 S. L. polyphyllus. Long, symmetrical spikes. Will flower the first year from seed. Performs best where summers are cool. Zones: 3-6

Blue Shades (the Governor) - 6063 ☞ ①

Pink Shades (chatelaine) - 6062 ☞ ①

Red Shades (my Castle) - 6064 ☞ ①

White Shades (noble Maiden) - 6068 ☞ ①

Yellow Shades (chandelier) - 6065 ☞ ①

Mixture - 6066 ☞ ①

Each of the above: (30C9)	500 sds - \$7.90
1,000 sds - \$12.90	2,000 sds - \$19.95
5,000 sds - \$39.15	10,000 sds - \$66.80

SUNRISE - 4092

☞ 36-40 in. - 250 S. L. hartwegii ssp. cruckshankii. Sublime fruity fragrance. Tall, long-lasting spikes of azure-blue blossoms, accented with gold, bronze and white. Best when directly sown, does not transplant well. Extraordinary cut flower.

25 sds - \$8.65	50 sds - \$15.20
100 sds - \$22.55	250 sds - \$44.65
500 sds - \$75.50	(25C9)

TEXENSIS - 2667

☞ 6-18 in. - 800 S. L. texensis. (Texas Blue Bonnet or Texas Wildflower). Beautiful blue and white flowers will bloom all season.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

LUPINUS (continued)

TUTTI FRUITTI - 6054

Perennial. 34-48 in. - 1,100 S. The tall spires are an unforgettable sight in the early summer border. Produce solid and bicolored flowers in nearly every shade of the rainbow, some never before seen. Flower colors include blue, cream, orange, pink, purple, red, and yellow. Zones: 4-9

50 sds - \$7.90	100 sds - \$13.50
250 sds - \$24.90	500 sds - \$38.40
1,000 sds - \$65.90	(26B9)

LYCHNIS

64,000 sds/oz 70° 3 weeks

For the best germination, refrigerate seed 10 days before sowing. They like a moist location, partial shade or full shade. Blooms June-August. Will attract butterflies and hummingbirds all season. Nice cut flower.

CHALCEDONICA SCARLET - 6072

☞ ① **Perennial.** 36 in. - 56,000 S. Dense heads of bright scarlet, cross-shaped flowers. Will flower the first year from seed. Zones: 3-9

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

CORONARIA - 5995

Perennial. 20 in. - 61,000 S. A nice cottage garden plant with dense white woolly leaves and deep purple-red flowers. Zones: 3-8

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

VESUVIUS - 6005

① **Perennial.** 15 in. - 24,500 S. Gorgeous, orange-red flowers on upright stems above bronze green foliage. Very striking, alone in a container or in borders.

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)

MALVA

12,000 sds/oz 70° 30 days

Will attract butterflies all season.

MAURITIANA - 6215

Perennial. 48 in. - 2,500 S. M. sylvestris. Large, glossy ruffled orchid-purple flowers with dark purple veins.

MOSCHATA PINK - 6078

☞ **Perennial.** 24-30 in. - 12,500-15,000 S. M. moschata. An outstanding upright habit flowering variety with many 2 in. flowers. Ideal in the perennial bed or as a cut flower. Drought tolerant.

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

ZEBRINA - 6077

Perennial. 30 in. - 6,000 S. M. althea sylvestris. Single, saucer-shaped flowers vary in color, but are usually white with stripes in purple. Zones: 5-8

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

MARIGOLD, AFRICAN

8-10,000 sds/oz 72°-75° 4 days

Reduce temperature to 68-70° after initial germination and until transplant.

ANTIGUA SERIES

10-12 in. - 9,500 S. (F-1 Hybrid). Early flowering, naturally dwarf with 3 in. fully-double flowers. Superior pack and garden performance combine for an outstanding variety. Daylength neutral. Weeks to flower: 10-12. DETAILED SEED.

Gold - 2870DE

Orange - 2871DE

Primrose - 2874DE

Yellow - 2872DE

Mixture - 2873DE

INCA SERIES II

12-14 in. - 10,500 S. (F-1 Hybrid). Large 4 in. fully double flowers. Early flowering, compact and uniform habit make this series ideal for packs or pots. Very heat tolerant with outstanding garden performance. Weeks to flower: 10-12. DETAILED SEED.

Deep Orange - 3040DE ✨ *New for 2019*

Gold - 3041DE

Orange - 3046DE

Primrose - 3047DE

Yellow - 3048DE

Mixture - 3042DE

Each of the above: (28E9)	100 sds - \$8.85
200 sds - \$15.75	500 sds - \$28.25
1,000 sds - \$46.50	2,000 sds - \$85.60

JEDI SERIES

☞ 48 in. - 10,000 S. Bold ball-shaped flowers at the ends of the stems. Its fragrant ferny leaves remain dark green in color throughout the season. Great for mass planting, border edging and container planting. The flowers are excellent for cutting.

Gold - 2906 ✨ *New for 2019* ☞

Orange - 2907 ✨ *New for 2019* ☞

Yellow - 2908 ✨ *New for 2019*

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

KEES ORANGE - 2860

24 in. - 10,000 S. Incredibly vivid, large orange blooms. The deepest orange you have ever seen, perfect for bedding or containers. Carnation-like flowers on well-branched bushy plants.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

All Seed orders are shipped the same day received - most within 4 hours!

MARIGOLD, AFRICAN (continued)

LADY SERIES

16-18 in. - 8,500 S. (F-1 Hybrid). Large 3-4 in. double carnation flowered blooms. Good weather tolerance and uniform growth habit. DETAILED SEED.

First Lady - 2845DE

(All America Winner - 1968). Bright yellow.

Orange - 2846DE Golden orange.

Primrose - 2847DE

(All America Winner - 1977).

Each of the above: (28F9) 100 sds - \$9.40
200 sds - \$17.10 500 sds - \$31.10
1,000 sds - \$51.50 2,000 sds - \$95.20

Gay Ladies Mixture - Crop failure.

As a substitute, we suggest **Marvel Mixture (detailed).**

Gold - Crop failure. As a substitute, we suggest **Lady Orange (detailed).**

MARVEL SERIES

18 in. - (F-1 Hybrid). A series which stays dwarf in packs, pots and the garden. The double crested 1 1/2 in. blooms are never hidden by foliage. Weeks to flower: 7-8 weeks. DETAILED SEED.

Gold - 2808DE * *New for 2019*

Orange - 2809DE * *New for 2019*

Yellow - 2810DE * *New for 2019*

Mixture - 2813DE * *New for 2019*

A bold mixture of the above colors.

Each of the above: (28F9) 100 sds - \$9.40
200 sds - \$17.10 500 sds - \$31.10
1,000 sds - \$51.50 2,000 sds - \$95.20

MOONSTRUCK SERIES-DETAILED

Lemon Yellow - 2912DE

Yellow - 2914DE

Each of the above: (26F9) 50 sds - \$10.80
100 sds - \$20.40 250 sds - \$40.20
500 sds - \$63.40 1,000 sds - \$110.90

PERFECTION SERIES

14-16 in. - 9,500-11,000 S. (F-1 Hybrid). Fully double, perfectly rounded flower heads with tightly packed petals, make this strain very weather tolerant. Weeks to flower: 10-12. DETAILED SEED.

Orange - 2837DE

Yellow - 2838DE

Each of the above: (26B9) 50 sds - \$7.90
100 sds - \$13.50 250 sds - \$24.90
500 sds - \$38.40 1,000 sds - \$65.90

VANILLA (DETAILED) - 3002DE

16 in. - 8,500 S. (F-1 Hybrid) (Sweet Cream). Attractive creamy-white color with 2 1/2-3 in. flowers. A major improvement over previously introduced strains of white marigolds. Looks gorgeous in containers. Good pack and garden performance.

50 sds - \$10.80 100 sds - \$20.40
250 sds - \$40.20 500 sds - \$63.40
1,000 sds - \$110.90 (26F9)

MARIGOLD, AFRICAN (continued)

ZENITH SERIES

14 in. - 9,200 S. (F-1 Hybrid). Unique Afro-French (triploid) with more branching, more flowers, more heat tolerance and more rain tolerance. With no seed set they require no dead heading to maintain its phenomenal flower power all summer long.

Weeks to flower: 7-9. DETAILED SEED.

Deep Orange - 2926DE

Golden Yellow - 2927DE

Lemon Yellow - 2928DE

Orange - 2932DE

Red - 2939DE

Red & Gold - 2940DE

Yellow - 2941DE

Mixture - 2942DE A wonderful mixture of all the above colors.

Each of the above: (28C9) 100 sds - \$7.70
200 sds - \$12.90 500 sds - \$22.55
1,000 sds - \$36.50 2,000 sds - \$66.40

MARIGOLD, DWARF

BONANZA SERIES-DETAILED

10-12 in. - 3,500-10,000 S. Beautiful 2 in. double, crested flowers. Early flowering with uniform compact habit.

Weeks to flower: 6-7. DETAILED SEED.

Bee - 3006DE

Mahogany edged pale gold.

Bolero - 3014DE Improved for 2018!

(All America Winner-1999). Gold with red tips in a unique design. No flower pattern is the same.

Deep Orange - 3015DE Improved for 2018!

Flame - 3007DE Improved for 2018!

Mahogany with orange border.

Gold - 3012DE

Harmony - 3013DE

Deep gold with mahogany.

Orange - 3005DE

Yellow - 3008DE

Mixture - 3010DE

Each of the above: (29B9) 250 sds - \$8.15
500 sds - \$13.90 1,000 sds - \$20.80
2,000 sds - \$34.80 5,000 sds - \$71.40

BOY SERIES-DETAILED

8-10 in. - 7,000-12,500 S. Large, 2 in. double flowers. An early, improved large flowered version of the Petite Series. Free-flowering, uniform compact growing habit. Outstanding garden performance. DETAILED SEED.

Spry - 2984DE

Yellow - 2985DE

Mixture - 2988DE

Each of the above: (29A9) 250 sds - \$6.90
500 sds - \$11.20 1,000 sds - \$16.20
2,000 sds - \$26.40 5,000 sds - \$52.90

Golden - Crop failure. As a substitute, we suggest **Bonanza Gold (detailed).**

Harmony - Crop failure. As a substitute, we suggest **Bonanza Harmony (detailed).**

Orange - Crop failure. As a substitute, we suggest **Bonanza Orange (detailed).**

MARIGOLD, DWARF (continued)

CRUSH SERIES

10 in. - 8,000 S. Beautiful Dolly-type 3 1/2 to 4 in. double flowers. Dwarf, compact habit and free-flowering. Resistant to Aster Yellows. (All the varieties in the Crush Series are of the Improved Strain). DETAILED SEED

Papaya - 2961DE

Solid gold with lush dark foliage.

Pineapple - 2962DE Bright yellow flowers.

Pumpkin (detailed) - 2963DE

Early flowering, deep orange flowers.

Each of the above: (28B9) 100 sds - \$6.90
200 sds - \$11.60 500 sds - \$19.70
1,000 sds - \$31.50 2,000 sds - \$56.80

DURANGO SERIES

12-14 in. - 9,500 S. Totally upgraded series! Early flowering, large anemone-type flowers. Uniform habit with base-branching habit. Weeks to flower: 6-7. DETAILED SEED.

Flame - 2947DE

Mahogany edged with orange.

Mixture - 2953DE

HERO SERIES

10-12 in. - 7,500-10,500 S. Large 2 1/2 in. double flowers. Early flowering with nice compact growth. DETAILED SEED.

Bee - 2937DE

Brilliant yellow with red stripes.

Flame - 2930DE Red and orange bicolor.

Gold - 2931DE Bright gold.

Spry - 2936DE

Deep mahogany red with yellow crest.

Mixture - 2934DE Bright formula blend.

Each of the above: (29A9) 250 sds - \$6.90
500 sds - \$11.20 1,000 sds - \$16.20
2,000 sds - \$26.40 5,000 sds - \$52.90

Orange - Crop failure. As a substitute, we suggest **Super Hero Orange (detailed).**

Yellow - Crop failure. As a substitute, we suggest **Super Hero Yellow (detailed).**

JANIE SERIES

8-10 in. - 8,000-10,500 S. Very early, 1 1/2 in. crested blooms held above the foliage. Compact, uniform habit in pack and garden. Excellent performance, very heat tolerant with excellent garden vigor in warmer temperatures. Weeks to flower: 6-7. DETAILED SEED.

Bright Yellow - 2995DE Bright yellow.

Deep Orange - 3003DE Deep orange.

Flame - 2994DE Red and gold bicolor.

Harmony - 2989DE

Mahogany red with orange center.

Primrose - 2987DE Soft yellow.

Spry - 2980DE Maroon collar with gold center.

Mixture - 2996DE Our own formula blend of all varieties in this class.

Each of the above: (29A9) 250 sds - \$6.90
500 sds - \$11.20 1,000 sds - \$16.20
2,000 sds - \$26.40 5,000 sds - \$52.90

Tangerine - Crop failure. As a substitute, we suggest **Safari Tangerine (detailed).**

(continued on next page)

MARIGOLD, DWARF (continued)

MR. MAJESTIC DOUBLE (DETAILED) - 3039DE



12 in. - 11,000 S. Bushy, strong, robust and covered in fully double blooms that are golden with mahogany markings.

MR. MAJESTIC SINGLE (DETAILED) - 3031DE



12 in. - 8,000 S. Mahogany-red shapes on bright yellow petals surround gold centers.

Each of the above: (28B9) 100 sds - \$6.90
 200 sds - \$11.60 500 sds - \$19.70
 1,000 sds - \$31.50 2,000 sds - \$56.80

SAFARI SERIES

8-10 in. - 6,000-10,500 S.
 Large 3 in. Sophia-type flowers. Excellent garden performance. Weeks to flower: 6-7. DETAILED SEED.

Bolero - 2925DE Orange with red markings.

Gold - 3023DE

Orange - 2917DE Medium orange.

Red - 2929DE The truest red available.

Scarlet - 2918DE Scarlet dusted with yellow.

Tangerine - 2924DE Intense orange.

Yellow - 2919DE

Yellow Fire - 2938DE Unique-Yellow with red markings at each petals base.

Mixture - 2920DE

Each of the above: (29A9) 250 sds - \$6.90
 500 sds - \$11.20 1,000 sds - \$16.20
 2,000 sds - \$26.40 5,000 sds - \$52.90

MARIGOLD, DWARF

SOPHIA QUEEN - 2999

8-10 in. - 9,000 S.
 (All America Winner - 1979).
 Large 2 1/2 to 3 in. reddish-gold flowers completely cover the very uniform, compact growing plants. Very free-flowering and will bloom until frost.

500 sds - \$6.90 1,000 sds - \$9.35
 2,000 sds - \$13.40 5,000 sds - \$24.40
 10,000 sds - \$40.30 (30A9)

Super Hero Series

10-12 in. - Bold, large 2 in. blooms holds up through the summer heat and continue to produce blooms up until frost. Blooms come in an array of styles including crested, anemone, single and fully double. Ideal for containers and landscape borders. DETAILED SEED.

Deep Orange - 2956DE * New for 2019

Deepest Orange.

Harmony - 2943DE * New for 2019

Mahogany red with orange center.

Orange - 2944DE * New for 2019

Orange Bee - 2945DE * New for 2019

Orange with slight yellow fringe.

Orange Flame - 2946DE * New for 2019

Orange-red.

Spry (detailed) - 2950DE

10-12 in. - (All America Winner - 2018).
 Dark maroon lower petals and golden yellow upper petals.

Yellow - 2948DE * New for 2019

Yellow Bee - 2951DE * New for 2019

Yellow-orange.

Mixture - 2952DE * New for 2019

A bold blend of the above varieties.

Each of the above:
 (29C9) 250 sds - \$9.25 500 sds - \$16.60 1,000 sds - \$25.35 2,000 sds - \$43.20 5,000 sds - \$89.75



Deep Orange



Orange Flame



Harmony



Spry



Orange



Yellow



Orange Bee



Yellow Bee

MARIGOLD, DWARF SINGLE

DISCO SERIES-DETAILED SEED

10-12 in. - 3,500-9,000 S. Large 2 in. single flowers. Very early flowering compact plants with good weather tolerance. DETAILED SEED.

Granada - 3032DE Orange and red bicolor.

Marietta - 3037DE

Golden yellow and mahogany bicolor.

Orange - 3033DE Pure orange.

Red - 3029DE

Yellow - 3036DE Bright yellow.

Mixture - 3038DE

Each of the above: (29A9) 250 sds - \$6.90

500 sds - \$11.20 1,000 sds - \$16.20

2,000 sds - \$26.40 5,000 sds - \$52.90

MARIGOLD, FRENCH DOUBLE

FIREBALL (DETAILED) - 3027DE



10-12 in. - 10,000 S. Extra dwarf French crested type. Never seen before multicolored, 2 1/2 in. blooms of new red flowers and the older bronze-gold colored flowers on the same plant. Flowers age and change more slowly for maximum contrast. In warmer conditions, color changes faster with less distinct contrast. Weeks to flower: 6-7 (premium packs) and 7-9 (quarts, multi-plants in larger pots).

100 sds - \$6.90 200 sds - \$10.20

500 sds - \$16.85 1,000 sds - \$26.50

2,000 sds - \$47.20 (28A9)

FLAMENCO (DETAILED) - 3026DE



*** New for 2019** 10-12 in. - Unique pattern of a yellow center and red tipped petals, this novelty color will look great in patio containers and gardens alike. In line with the Bonanza series for habit with flowering time being a few days later.

250 sds - \$6.90 500 sds - \$11.20

1,000 sds - \$16.20 2,000 sds - \$26.40

5,000 sds - \$52.90 (29A9)

MARIGOLD, FRENCH DOUBLE (continued)

HOT PAK SERIES

6-7 in. - Extra dwarf French crested type. Plants stay compact and continue to flower reliably even in locations with high temperature and high humidity nights.

It was especially bred and trialed in areas of the world with high temperatures-developed in the heat for the heat.

Weeks to flower: 3-4. DETAILED SEED.

Fire - 3016DE Golden flowers with a mahogany red center.

Flame - 3017DE Red and gold bicolor.

Gold - 3018DE

Harmony - 3019DE Mahogany red flowers with an orange center.

Orange - 3020DE

Spry - 3022DE

Maroon collar with a gold center.

Yellow - 3024DE

Mixture - 3025DE

A blend of all the above colors.

Each of the above: (29B9) 250 sds - \$8.15

500 sds - \$13.90 1,000 sds - \$20.80

2,000 sds - \$34.80 5,000 sds - \$71.40

LITTLE HERO SERIES-DETAILED

6-8 in. - 11,000 S. A dwarf French crested-type. Early bloomer with very large 2-2 1/2 in. double flowers. An excellent performer in hot weather and ideal for late season sowings. With such a lovely display of color, you can depend on these to spruce up any garden with a lot of flower power.

Weeks to flower: 9. DETAILED SEED.

Fire - 3001DE

Orange - 2997DE

Yellow - 2998DE

Each of the above: (29B9) 250 sds - \$8.15

500 sds - \$13.90 1,000 sds - \$20.80

2,000 sds - \$34.80 5,000 sds - \$71.40

STRAWBERRY BLONDE (DETAILED) - 3028DE



8-10 in. - 9,500-10,500 S. Extra dwarf French crested type. A completely new look. First flowers open to a deep pink shade with a rustic yellow crest. As the flower ages, it changes to more of a straw yellow color. Large, 2 1/4 in. new flowers produce more freely in the Summer than Fireball, so it maintains contrast between old and new flowers longer, however, the overall effect is paler since the oldest flowers fade to straw yellow color. Weeks to flower: 6-7 (premium packs) and 7-9 (quarts, multi-plants in larger pots).

100 sds - \$6.90 200 sds - \$10.20

500 sds - \$16.85 1,000 sds - \$26.50

2,000 sds - \$47.20 (28A9)

MARIGOLD, FRENCH DOUBLE (continued)

LEMON DROP - 3011

8 in. - 12,000 S. Fully double, medium-sized canary yellow flowers on dwarf, compact plants.

1,000 sds - \$7.60 2,000 sds - \$11.80

5,000 sds - \$21.85 10,000 sds - \$36.60

25,000 sds - \$77.10 (31C9)

MARIGOLD, INBRED

CARNATION FLOWERED

Crackerjack Mixture - 3021 

36 in. - 8,000 S. Fully double 4-5 in. blooms in shades of orange, gold and yellow. Fine variety, excellent for summer cutting.

1,000 sds - \$6.90 2,000 sds - \$8.20

5,000 sds - \$13.25 10,000 sds - \$20.60

25,000 sds - \$40.85 (31A9)

MARIGOLD, MEXICAN

Signata Pumila

8-10,000 sds/oz 70°-75° 6 days

LULU - 3051

7 in. - 30,500 S. The first real yellow in the Tagetes type. A very compact dome-shaped, free-flowering plant with dainty, lacy foliage. Small, single 5-petaled lemon yellow flowers.

ORANGE GEM - 3054

8-10 in. - 33,000 S. Single orange flowers. Compact, mounded habit.

URSULA IMPROVED - 3052

7 in. - 35,000 S. (Golden Gem). Extremely uniform. Single golden yellow flowers with and orange eye.

Each of the above: (30A9) 500 sds - \$6.90

1,000 sds - \$9.35 2,000 sds - \$13.40

5,000 sds - \$24.40 10,000 sds - \$40.30

MARVEL OF PERU

Mirabilis Jalapa

75°-80° 10 days

Soak seeds for 7 days before sowing.

CAUTION: SEED AND PARTS OF THE PLANT COULD BE TOXIC IF INGESTED.

FOUR O'CLOCKS MIXTURE - 3061

36-48 in. - 400 S. The intensively colored flower of this easy to keep garden plant open in the evening and close in the morning. It is a true night flower and makes a special impression on lighted walk ways or near garden lights.

250 sds - \$9.25 500 sds - \$16.60

1,000 sds - \$25.35 2,000 sds - \$43.20

5,000 sds - \$89.75 (29C9)

**Personal service is
the foundation
of our business
since 1932.**

MELAMPODIUM

5,000 sds/oz 65°-70° 7-10 days
For the best germination, cover seeds lightly with media after sowing.

DERBY - 3070

8-10 in. - 6,000 S. Very heat and humidity tolerant. Free flowering with golden-yellow, daisy-like flowers that will bloom all summer.

GOLDEN GLOBE - 3081

6-8 in. - 5,500 S. M. paludosum. Very uniform and compact plants with deep golden-yellow flowers on rich green foliage. Weeks to flower: 8-9.

Each of the above: (28E9)	100 sds - \$8.85
200 sds - \$15.75	500 sds - \$28.25
1,000 sds - \$46.50	2,000 sds - \$85.60

JACKPOT GOLD - 3078

10-24 in. - 5,500 S. Very durable to take cold springs, long dry summers and still look good well into the fall. Beautiful golden-yellow blooms maintain their appearance with very little care and will continue to flower until frost sets in.

LEMON DELIGHT - 3067

8-10 in. - 6,000 S. Profuse blooming, 1 in. light yellow, daisy-like flowers. Plants thrive in hot, humid locations.

Each of the above: (26B9)	50 sds - \$7.90
100 sds - \$13.50	250 sds - \$24.90
500 sds - \$38.40	1,000 sds - \$65.90

SHOWSTAR - 3062

12-14 in. - 5,000 S. Old-fashioned southern charmer. Easy to grow. Excellent heat and drought tolerance. Sturdy, branching plants covered with golden-yellow, 1 3/4 in. daisy-like blooms. Nice cut flower for country-style bouquets. Great garden performance and good for large container plantings.

100 sds - \$8.85	200 sds - \$15.75
500 sds - \$28.25	1,000 sds - \$46.50
2,000 sds - \$85.60	(28E9)

MESEMBRYANTHEMUM

100,000 sds/oz 65°-70° 15 days
Sow sterilized media, cover seeds lightly, maintain 65° soil temperature. Sow in February for May sales.

CRINIFLORUM - 3065

6 in. - 110,000 S. (Livingston Daisy). Plants are covered of carmine, pink and yellow. Ideal for bedding and rock gardens. Likes full sun with a well drained location.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

MIMOSA

Sensitive Plant
4,500 sds/oz 80° 12 days
For the best germination, after sowing cover seeds 1/8 in. with soil and maintain 80° soil temperature. (Also, soaking seed in water for 3-5 days before sowing will help germination.)

PUDICA - 3074

24 in. - 5,000 S. A true novelty, fern-like plant with leaves that will close when touched.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

MIMULUS

Monkey Flower
500,000 sds/oz 65°-70° 1-2 weeks
For the best germination do not cover seeds after sowing in indented rows. Light will help germination.

MAGIC SERIES

10 in. - 770,000 S. (F-1 Hybrid). Very early with compact, uniform growth habit. Ideal for containers or hanging baskets. PELLETED SEED.

Orange - 3080PE

Bright clear orange.

Formula Mix - 3082PE

A formula mix of cream, orange, pink, red, yellow and an occasional flower with a speckled throat.

Each of the above: (28B9)	100 sds - \$6.90
200 sds - \$11.60	500 sds - \$19.70
1,000 sds - \$31.50	2,000 sds - \$56.80

MINA

Firecracker Vine
1,500-10,000 sds/oz sds/oz 64° 12 weeks
Sow under cover in March-May. Plant out after last frost. Do not overfeed with nitrogen or you will get leaf at the expense of flower. Seeds are highly toxic if ingested.

JUNGLE QUEEN - 3124

Climber. 60 in. - 10,000 S. M. lobata. Bred for intense color and contrast with masses of vibrant red, bright yellow, and orange tubular flowers held upright on a stocky vine. Excellent for containers and hanging baskets with loads of blooms that excel in heat and humidity.

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

LOBATA - 6110

Climber. 1,500 S. An outstanding creeping vine. Clusters of 1 1/2 in. tubular flowers in shades of yellow, orange and red. An easy to grow vine that can reach 12 ft. on a wall or trellis. A tender perennial that requires protection.

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

MONARDA

Bee Balm, Bergamot, Horse Mint
50,000 sds/oz 55°-60° 3 weeks
For the best germination, refrigerate seed for 7 days and do not cover seeds after sowing in indented rows. Light will help germination. Very fragrant flowers that will attract butterflies, hummingbirds and bees. Blooms June-September. Nice cut flower, fresh or dried. Will help repel deer all season.

CITRIODORA (LEMON MINT) - 6089

Perennial. 30 in. - 65,000 S. Pink or white flowers with purple spots. Similar to Bee Balm, with larger lemon scented leaves. Zones: 4-9

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

LAMBADA - 6502

Perennial. 36 in. - 48,000 S. Will flower from April until frost in whorls of pink/white spotted flowers. Excellent as a cut flower, border plant or dried flower. Can be easily grown as an annual. A tender perennial in many areas. Zones: 4-9

1,000 sds - \$8.35	2,000 sds - \$13.60
5,000 sds - \$26.15	10,000 sds - \$44.60
25,000 sds - \$95.25	(31D9)

PANORAMA MIXTURE - 6503

Perennial. 30 in. - 61,500-66,000 S. M. didyma. A durable, hardy perennial that is an outstanding garden performer and interesting cut flower with stem lengths up to 24 in. A breeder's formula mixture with shades of lavender, magenta, pale to bright pinks and salmon. This variety seems to be resistant to powdery mildew. Zones: 4-9

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

**\$3.05 PER 100
COLOR
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thru 12/25
with total
purchases of
\$250 or more
in seeds
& plants



MORNING GLORY

1,000 sds/oz. sds/oz 65°-85° 5-14 days
Nick or file the seed coat prior to soaking seeds in warm water for 24 hours prior to sowing. Cover with plastic to retain moisture until germination occurs.

CARDINAL CLIMBER - 3088



Climber. 180 in. - 1,000 S. Ipomoea multifida. An absolutely beautiful twining vine with vivid crimson trumpet-shaped flowers that hummingbirds just adore. The attractive foliage is a lustrous emerald green and it is shaped like palm leaves. Great for decks, arbors, posts and trellises. Very long bloom season.

CARDINALIS - 3091



Climber. 72 in. - 1,000 S. (Cypress Vine). Ipomoea quamoclit. Bright red trumpet flowers with attractive bright green feathery foliage. An easy to grow, climbing vine that can reach 6-12 feet.

CLARKE'S HEAVENLY BLUE - 3092

Climber. 72-96 in. - 900 S. Ipomoea tricolor. Bright blue, shading lighter toward the center. Most popular variety.

CRIMSON RAMBLER - 3086

Climber. 72-96 in. - 1,000 S. Ipomoea purpurea. Crimson-red flowers with a white center.

EARLY CALL MIXTURE - 3090

Climber. 12 in. - 500-550 S. (All America Winner - 1970). Ipomoea nil. Very early, large flowering mixture. Non-climbing, compact habit.

FLYING SAUCERS - 3075

Climber. 72-96 in. - 800 S. Ipomoea tricolor. (Mt. Fuji). Large sky-blue flowers, uniquely striped.

GRANDPA OTT - 3076

Climber. 72-96 in. - 1,000 S. Ipomoea purpurea. Dark purple flowers with a red star.

Each of the above: (28A9)	100 sds - \$6.90
	200 sds - \$10.20
	500 sds - \$16.85
	1,000 sds - \$26.50
	2,000 sds - \$47.20

MORNING GLORY (continued)

HAPPY HOUR ROSE - 3097

Climber. 50 in. - 1,250 S. Lovely vines begin flowering when only 3 feet tall. Variegated foliage and abundant rose-red, white throated blooms make this a garden standout for containers, baskets and as a climber. If vines are too long don't be afraid to cut vines back, they will branch for more blooms.

MOONFLOWER - 3096

Climber. 72-96 in. - 100 S. Ipomoea noctiflora. Unusual relative of the Morning Glory opens its flowers at dusk and blooms throughout the night. Plant this fast-growing vine on a porch, near an entrance, or under a window where you can enjoy the evening performance and heady fragrance. The flowers unfold in 2-3 minutes, an event worth waiting for! The fragrant white blossoms reach up to 6 in. across and are well suited to a gothic or moon garden.

Each of the above: (28A9)	100 sds - \$6.90
	200 sds - \$10.20
	500 sds - \$16.85
	1,000 sds - \$26.50
	2,000 sds - \$47.20

SPLIT SECOND - 3089



Climber. It will only take less than a split second to be swept off your feet by these absolutely ravishing blooms, seemingly a tissue paper cluster of a flower. Unique, full, ruffled blossoms in a wash of shades from powder puff to lipstick pink. The margins of these individual petals are notched and frilled; the overall effect is that of a peony or parrot-tulip. Twining vines grow and flaunt loads of sensational flowers throughout the summer until frost. Give it a fence, railings or an arbor to climb or plant in containers where it can spill over the edge for a thrilling effect. It will bring full blown beauty and resilience to any garden party.

25 sds - \$7.20	50 sds - \$11.75
100 sds - \$16.85	250 sds - \$32.15
500 sds - \$53.50	(25A9)

MORNING GLORY (continued)

PEARLY GATES - 3094

Climber. 72-96 in. - 800-850 S. (All America Winner - 1942). Ipomoea tricolor. Large, satiny white flowers.

SCARLET O' HARA - 3095

Climber. 72 in. - 600-650 S. (All America Winner - 1939). Ipomoea nil. Improved climbing strain. Very large, wine-red, trumpet shaped flowers. Flowers open in the morning and fade by afternoon.

Each of the above: (28A9)	100 sds - \$6.90
	200 sds - \$10.20
	500 sds - \$16.85
	1,000 sds - \$26.50
	2,000 sds - \$47.20

SUNRISE SERENADE - 3098

Climber. 96-144 in. - 1,000 S. Unique double flowers. Vigorous vines covered with large heart-shaped leaves of deep blue-green are a striking backdrop for the double-petaled 2-3 in. blooms of cherry-red with white centers and wavy edges.

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

MYOSOTIS

44,000 sds/oz 55° 10 days

For the best germination, maintain 55° soil temperature and cover seeds lightly with soil after sowing. Blooms May - August. Does well in shade.

EARLY BLUE BIRD - 3211

✂ 12 in. - 26,000 S. Fine for cutting during the winter months. Sow in August for November/December blooms or December/January for spring bedding or pot plants.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

SYLVA SERIES

Perennial. 8 in. - 37,000-73,000 S.

M. alpestris. Early flowering, uniform compact habit with excellent garden performance. Nice mounded habit, ideal for pot production. Zones: 5-8

Bluesylva - 5932

Rosesylva - 6097

Snowsylva - 6432 Snow white.

Mixture - 6431

Each of the above: (29A9)	250 sds - \$6.90
	500 sds - \$11.20
	1,000 sds - \$16.20
	2,000 sds - \$26.40
	5,000 sds - \$52.90

VICTORIA BLUE - 6092

Perennial. 6-8 in. - 56,000-75,000 S.

M. sylvatica. Produces cluster of bright, azure-blue flowers, each with a tiny yellow eye. Plants form a low mound of grey-green leaves, excellent contrast for massing with spring blooming bulbs. Works great in borders, containers or cut-flower gardens. Zones: 3-8

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

NASTURTITIUM

Tropaeolum majus

175 sds/oz 70° 7 days

Will repel aphids in the garden. Flowers and leaves are edible. Will attract hummingbirds and butterflies all season. For the best germination, soak seed for 3 days and then sow seeds on sterilized media and cover 1/8 in. Maintain 70° soil temperature with even moisture on the surface, needs darkness to germinate.

ALASKA MIXTURE - 3230

12 in. - 250 S. Beautiful 2 1/2 in. single flowers contrasting beautifully against the white, marbled variegated foliage.

EMPRESS OF INDIA - 3206

12 in. - 200 S. Brilliant crimson-scarlet flowers accented by bronze foliage. Attractive flowers that are also edible.

GLEAM SERIES

12-24 in. - 200 S. Beautiful 2 1/2 in. double and semi-double spurred flowers. Vigorous, semi-trailing growth habit. Ideal for baskets, window boxes, or bedding. Flowers are edible.

Golden - 3482

(All America Winner - 1933).

Mixture - 3221

(All America Winner - 1935).

Each of the above: (13Z8)	1 oz. - \$6.90
2 oz. - \$10.50	4 oz. - \$17.15
8 oz. - \$35.30	1 LB. - \$62.50

NIGHT AND DAY - 3208



12 in. - 250 S. Energetic mix of primrose-yellow and mahogany blooms. A complete delight in hanging baskets, containers and shady borders. The perfect solution when plantings call for a rich, polished look with a modern edge.

1/2 oz. - \$6.90	1 oz. - \$10.50
2 oz. - \$17.15	4 oz. - \$35.30
8 oz. - \$62.50	(11Z8)

PEACH MELBA - 3207

12 in. - 250 S. Beautiful bright cream-colored blooms with maroon dots. Flowers are held above the grey-green foliage. Uniform and compact plants that are non-trailing. Flower and leaves are edible.

1 oz. - \$6.90	2 oz. - \$10.50
4 oz. - \$17.15	8 oz. - \$35.30
1 LB. - \$62.50	(13Z8)

NASTURTITIUM (continued)

PURPLE EMPEROR - 3222



12 in. - 275 S. *Tropaeolum majus*. Dark purple flowers. Edible leaves and punchy tasting flowers. Great for pots and containers.

1/4 oz. - \$6.90	1/2 oz. - \$9.70
1 oz. - \$13.20	2 oz. - \$22.60
4 oz. - \$36.70	(10A8)

TOP FLOWERING SINGLE

Orange - 3205

12 in. - 240 S. Compact, non-trailing with single spurred orange blooms well above the small bright green foliage. Great addition to Whirlybird series.

1/2 oz. - \$6.90	1 oz. - \$10.50
2 oz. - \$17.15	4 oz. - \$35.30
8 oz. - \$62.50	(11Z8)

TRAILING MIXTURE - 3170

200 S. Exceptional trailing habit that will climb 7-8 ft. if attached to supports. All colors with green foliage.

1 oz. - \$6.90	2 oz. - \$10.50
4 oz. - \$17.15	8 oz. - \$35.30
1 LB. - \$62.50	(13Z8)

WHIRLYBIRD SERIES

10 in. - 250 S. Single upward-faced flowers without spurs, flowers well above foliage on compact, non-trailing plants. A very good bedding plant, ideal for pots, tubs, and bedding. Attractive flowers that are edible.

Golden Yellow - 3203

Scarlet - 3200

Mixture - 3198

Each of the above: (10C8)	1/4 oz. - \$8.15
1/2 oz. - \$12.55	1 oz. - \$17.80
2 oz. - \$31.80	4 oz. - \$52.80

JEWEL MIXTURE - 3223

12 in. - 200 S. Compact, non-trailing plants flowering well above the foliage. Flowers are large, upward facing, double and semi-double.

1 oz. - \$6.90	2 oz. - \$10.50
4 oz. - \$17.15	8 oz. - \$35.30
1 LB. - \$62.50	(13Z8)

NEMESIA

90,000 sds/oz 60° 7 days

After sowing on sterilized media, mist seed on the soil surface, cover seed lightly with soil mix and mist again lightly. Maintain 60° soil temperature, any temperature above this will hurt germination. Darkness will help germination.

DWARF CARNIVAL MIXTURE - 3231

9 in. - 154,000 S. Large flowers in a brilliant color range on base-branching compact plants. Fine for spring combination use.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

POETRY SERIES

12-14 in. - N. foetans. Free flowering, producing masses of soft delicate flowers. Branches very well without pinching to produce bushy plants which fill out fast and full. Fragrant and well suited for bedding or container use. Cool crop companion with pansies. PELLETED SEED.

Blue - 3173PE

Deep Pink - 3169PE

Lavender Pink - 3171PE

Pink - 3174PE

White - 3172PE

Mixture - 3168PE

A complete mixture of all colors.

SEVENTH HEAVEN SERIES



12-14 in. - (F-1 Hybrid). Features the first bicolor of its kind from seed. Denser and better branched foliage and larger flowers than other seed varieties.

Weeks to flower: 10-11. PELLETED SEED.

Lavender Bicolor - 3176PE

Mixture - 3177PE

A mixture of Blue, Lavender Bicolor, Pink and White. Selected colors also have the added benefit of a very sweet fragrance.

Each of the above: (26A9)	50 sds - \$7.20
100 sds - \$11.75	250 sds - \$21.15
500 sds - \$32.15	1,000 sds - \$54.65

SUNDROPS MIXTURE - 3167

10 in. - 200,000 S. N. strumosa. A diverse color range of gold, red shades, rose and white. Early blooming, compact and ideal for small container growing. Useful as a cool-season crop to accompany Spring pansies. Beautiful in mixed baskets and color bowls and makes an excellent patio item for Spring.

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

NEMOPHILA

125,000 sds/oz 55°-60° 10 days

For best germination, do not cover seeds with media after sowing.

MENZIESII (BABY BLUE EYES) - 3099

6 in. - 15,000 S. Beautiful 1 in. cup shaped blue flowers. (34A9)

5,000 sds - \$7.70	10,000 sds - \$11.10
25,000 sds - \$20.45	50,000 sds - \$36.70

NEPETA

Cat Mint

30,000 sds/oz 65°-75° 10-15 days

Ornamental foliage is silvery and striking in contrast. Will thrive under the poorest conditions. Cats love it. Blooms June-August. Will help repel deer all season. Will flower the first year from seed and attract butterflies all season. Hardy to zone 5.

MUSSINI - 6115

Perennial. 12-14 in. - 38,500 S. N. faassenii. (Catmint). Loose clusters of lavender-blue flowers on terminal spikes, both foliage and flowers aromatic. Zones: 3-8

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

NICOTIANA

Flowering Tobacco

250,000 sds/oz 70° 14 days

After sowing seeds on sterilized media, do not cover seed with soil. Maintain 70° soil temperature with even surface moisture. Needs darkness to germinate.

BABY BELLA (PELLETED) - 3247PE

☞ 20 in. - 284,000 S. (F-1 Hybrid). More compact, branching habit and large, 2 1/2 in. flowers each as sweetly fragrant as a full bouquet. Deep saturated crimson-red flowers and apple green stems that will stand out and add depth of color in your garden and bouquets. This is a showstopper in the landscape. Excellent container item especially in hot climates where part shade is appreciated. Goes well beyond the call of duty to keep the garden bursting with color for months and months. Attracts butterflies and hummingbirds. Weeks to flower: 9-11.

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

DAYLIGHT SENSATION

Mixture - 3259

36 in. - 250,000 S. An old-fashioned, open-pollinated species that bears abundant branching sprays in carmine, crimson, pink, red and white. Sweetly perfumed blooms remain open all day.

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)

NICOTIANA (continued)

FRAGRANT CLOUD - 3236

36 in. - 208,000 S. Large, beautiful white flowers on strong upright plants. Very popular for its strong evening fragrance.

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

LEMON TREE - 6300

☞ Perennial. 36 in. - 200,000 S.

N. langsdorfii. Attractive green, bell-shaped waxy flowers with conspicuous blue pollen and shiny green foliage.

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)

NICKI SERIES

16-18 in. - 32,000-278,500 S. (F-1 Hybrid). A very free-flowering strain with compact self-branching habit. Excellent for bedding or as a 5 or 6 in. pot crop. No pinching or disbudding required. Application of a growth retardant will produce compact growth.

Lime (yellow) - 3241 Lime yellow flowers.

Rose - 3245 Deep rose.

White - 3246 Pure white flowers.

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

ONLY THE LONELY - 3238

☞ 60 in. - 769,000 S. Beautiful and very fragrant 1 1/2 in. white trumpet shaped flowers. Light green foliage. Ideal for background plantings with the flowers lasting all season until frost.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

PERFUME SERIES

16-18 in. - (F-1 Hybrid). Out of this world fragrance plus large blooms and plenty of them. Blooms are 2 in. long, shaped like magnificently long trumpets and very, very abundant. Unlike some Flowering Tobaccos, these blooms face upward. Enjoy their full splendor in planters, borders, edging the walkway or dotted around the patio garden. Weeks to flower: 9-10.

Deep Purple (pelleted) - 3215PE

20 in. - (All America Winner - 2006).

Mixture (pelleted) - 3227PE

Bright rose, deep purple, light blue, lilac, lime, red, and white.

Each of the above: (29C9)	250 sds - \$9.25
500 sds - \$16.60	1,000 sds - \$25.35
2,000 sds - \$43.20	5,000 sds - \$89.75

NICOTIANA (continued)

SARATOGA SERIES

10-12 in. - (F-1 Hybrid). The earliest, most uniform series in its class. Bushy plants, eye-catching flowers and outstanding performance in either sun or shade.

Weeks to flower: 9-11. PELLETED SEED.

Appleblossom - 4446PE

Lime - 4441PE Soft green.

Purple Bicolor - 4442PE

Purple and white.

Red - 4443PE

Deep red.

Rose - 4449PE

Dark rose.

White - 4444PE

Creamy white.

Mixture - 4445PE

A formula mixture of all colors.

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

SYLVESTRIS - 6109

Perennial. 60 in. - 900,000 S.

Nice branching habit, pure white fragrant flowers all season.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

TINKERBELL - 3240

☞ 36 in. - 284,000 S. (F-1 Hybrid). A plant that appeals to the gardener looking for something very different, this lovely hybrid was originally produced by crossing a large flowered red nicotiana with a very slim-tubed wild species. Unusual, most delicate form, produces abundant funnel-shaped dusky maroon-red flowers with pale green backs and azure-blue pollen. The dusty rose petals face outward from long green trumpets for a unique color combination. Weeks to flower: 9-11.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

NIEREMBERGIA

150,000 sds/oz 75°-80° 10-15 days

After sowing on sterilized media, cover seeds lightly with soil. Maintain 75°-80° soil temperature for the best results. A tender Perennial in some areas.

PURPLE ROBE - 3234

6 in. - 137,000 S. (All America Winner - 1942). The 1 in. deep violet-blue flowers are abundantly produced on dwarf plants. Retains its brilliance even under strong sunlight. Weeks to flower: 12-15.

WHITE ROBE - 3213

8 in. - 165,000 S. Pure white flowers over dwarf plants. Weeks to flower: 12-15.

Each of the above: (30E9)	500 sds - \$9.55
1,000 sds - \$16.55	2,000 sds - \$26.60
5,000 sds - \$53.90	10,000 sds - \$93.30

Not just specializing in Flower and Vegetable Seeds!
Please refer to our separate Plant/Plug Catalog, listing over 15,500 varieties in over 50 sizes!

NIGELLA

Love In a Mist
11,000 sds/oz 60° 2 weeks

AFRICAN BRIDE - 3270

☞ 34-36 in. - 22,000 S. (Fleuroselect Quality Mark Winner). N. papillosa. Pure white petals with nearly black seed pods.
500 sds - \$6.90 1,000 sds - \$9.35
2,000 sds - \$13.40 5,000 sds - \$24.40
10,000 sds - \$40.30 (30A9)

CRAMER'S PLUM - 3166

☞ 18-24 in. - 15,000 S. Plum colored pods with no stripes. Lovely pure white blooms and lacy foliage followed by unique pods. For fresh or dried use.
500 sds - \$8.80 1,000 sds - \$14.75
2,000 sds - \$23.30 5,000 sds - \$46.55
10,000 sds - \$79.90 (30D9)

MISS JEKYL SERIES

☞ 24 in. - 11,000 S. Old-fashioned favorite. Pastel-colored 1-2 inch blooms float above green, fern-like foliage. Unique, balloon-shaped pods follow. For fresh or dried use.
Blue - 3237 ☞ **Mixture - 3264** ☞
Each of the above: (31B9) 1,000 sds - \$6.90
2,000 sds - \$9.90 5,000 sds - \$17.55
10,000 sds - \$28.60 25,000 sds - \$58.90

NOLANA

BLUE BIRD - 3260
Sorry, no longer available.

ORLAYA

White Lace Flower
60°- 65° 12-16 days.
Chill seed at 40°-45° for 1-2 weeks prior to sowing in the greenhouse. Transplant: Sow 4-5 weeks before planting outside. When the first true leaves appear transplant into larger containers.

WHITE FINCH - 3180

★ *New for 2019* ☞ 24-30 in. - 2,800 S.
O. grandiflora. Pure white flowers are 2 1/2-3 1/2 in. with an intricate, lacy pattern. Full, well branched with strong, upright stems. The clusters of star-shaped, green seed pods also make a unique bouquet addition.
100 sds - \$6.90 200 sds - \$11.60
500 sds - \$19.70 1,000 sds - \$31.50
2,000 sds - \$56.80 (28B9)

OENOTHERA

Evening Primrose
70° days-60° nights 2 weeks

After sowing seed, cover lightly with vermiculite. Light will help germination. Pre-chill seed in refrigerator for 8-10 days before sowing. Blooms June-September. Will attract hummingbirds and songbirds all season.

MISSOURIENSIS - 6122

Perennial. 12 in. - 6,000 S. (Ozark Sundrops, Macrocarpa, or Missouri Primrose). A low growing profuse bloomer from June to September. Large 3-4 in. yellow flowers. Zones: 3-8
500 sds - \$6.90 1,000 sds - \$9.35
2,000 sds - \$13.40 5,000 sds - \$24.40
10,000 sds - \$40.30 (30A9)

OENOTHERA (continued)

SPECIOSA - 6124

① **Perennial.** 8-14 in. - 147,000 S. (Showy Evening Primrose). The outstanding light pink to creamy-yellow flowers will bloom spring to early summer. The plant has a deep root structure and is drought tolerant. Will spread rapidly under high moisture conditions. Will flower the first year from seed.
500 sds - \$8.80 1,000 sds - \$14.75
2,000 sds - \$23.30 5,000 sds - \$46.55
10,000 sds - \$79.90 (30D9)

Also see listing under Vegetables.

OKRA, ORNAMENTAL

400 sds/oz 65°-70° 7-10 days

BURGUNDY - 4788

☞ 30-36 in. - 500 S. (All America Winner - 1988). Looks as good as it tastes! Attractive plant with burgundy stems and green leaves produce excellent yields of bright red pods. The pods turn green when cooked, but are frequently dried and used in arrangements to preserve their unusual coloring and interesting shape. Unique addition to the landscape or in large scale planters.
250 sds - \$6.90 500 sds - \$11.20
1,000 sds - \$16.20 2,000 sds - \$26.40
5,000 sds - \$52.90 (29A9)

CRAMER'S OKRAZILLA - 4739

☞ 400 S. 36-48 in. Big fat okra pods perfect for use fresh or dried. Hefty plants with large, palmately divided leaves and yellow flowers followed by 6-9 inch, fat pods. Makes a bold accent in any arrangement. An exotic addition to the landscape or large scale planters.
100 sds - \$9.40 200 sds - \$17.10
500 sds - \$31.10 1,000 sds - \$51.50
2,000 sds - \$95.20 (28F9)

ORNAMENTAL EGGPLANT

Solanum
6,500 sds/oz 75°-80° 14 days

PUMPKIN ON A STICK - 4559

☞ 18 in. - 8,000 S. S. melongena. Looks like small little orange pumpkins on a stem and it's edible!
100 sds - \$8.85 200 sds - \$15.75
500 sds - \$28.25 1,000 sds - \$46.50
2,000 sds - \$85.60 (28E9)

ORNAMENTAL MINT

MINI MINT (MULTI-SEED) - 1980MP

1-2 in. - Corsican Mint. Attractive, highly fragrant groundcover or small pot plant. Healthy, more uniform plants make great looking pots, mix components and garden specimens. Can also be marketed as a lawn replacement. Leaves are non-toxic but do not have a palatable flavor. MULTI-SEED PELLET contains 8-12 seeds per pellet. Weeks to finish: 3-4.
Each of the above: (26B9) 50 sds - \$7.90
100 sds - \$13.50 250 sds - \$24.90
500 sds - \$38.40 1,000 sds - \$65.90

Ornamental Pepper

Capsicum annuum
8,000 sds/oz 70° 2-3 weeks

Maintain an even 70° soil temperature. After sowing, do not cover seeds; keep surface of media moist. Once established, grow plants at 50°; do not let plants become pot-bound. An occasional pinch is suggested, but never after July 4th.

BASKET OF FIRE - 1984



10 in. - 6,500 S. (F-1 Hybrid.) 90-95 days. Want some red-hot hanging baskets? The first ornamental pepper that has been bred especially for hanging baskets. Unique plants develop cascading lower branches as well as continuing to fill in with new growth at the top, making it perfect for baskets and containers. Produces a profusion of 2 in. long, tapered fruits (more than 300 fruits per plant). Fruits change from deep purple through cream and orange to a bright red. Small leaves allow the brightly-hued fruits to take a center stage. Spicy hot fruits are edible. 80,000 Scovilles.

10 sds - \$7.30 25 sds - \$13.10
50 sds - \$21.35 100 sds - \$32.90
250 sds - \$71.95 (24B9)

ORNAMENTAL OREGANO

KIRIGAMI - 1990

8-10 in. - 43,500 S. This eye-catching, non-culinary oregano features large purple-green bracts, rose flowers and clear, light green foliage with a delicious fragrance to attract pollinators. Dense, mounded, slightly trailing plant has a tight and fuller habit than standard vegetative varieties. The perfect patio plant. Heat and drought tolerant. Weeks to finish: 9-11.

Each of the above: (26B9) 50 sds - \$7.90
100 sds - \$13.50 250 sds - \$24.90
500 sds - \$38.40 1,000 sds - \$65.90

ORNAMENTAL PEPPER (continued)

BLAZE - 1983

4-8 in. - 5,500 S. Distinctive, large fruit starts yellow and matures to red. These eye-catching Autumn tones are sure to sell fast. Excellent branching for a large-fruited pepper, suitable for quarts and Mum Pals programs. Weeks to finish: 7-13 for Autumn.

25 sds - \$8.65 50 sds - \$15.20
 100 sds - \$22.55 250 sds - \$44.65
 500 sds - \$75.50 (25C9)

BLACK PEARL - 1978

⊗ 14-18 in. - 6,000 S. (All America Winner - 2006). Capsicum annuum. Black-leaved bushy plants with shiny black fruit. Fruit is rounded, with a slightly pointed shape, matures to a dark red and are edible but VERY HOT to the taste. Foliage is greenish when young and becomes glossy black with maturity. Weeks to fruit: 20-24.

CALICO - 1968

10-12 in. - 8,000 S. (F-1 Hybrid). Strongly variegated tricolor foliage. Compact, rounded plants are uniform in size and habit. Great for combos and landscapes. Extremely hot fruit, not recommended for eating.

PURPLE FLASH - 1979

13-15 in. - 8,000 S. Striking coloration, almost black with bright purple flashes. Compact, mounded plants have a layered, scaffolding growth habit. Extremely drought tolerant. Great for pots, combos and landscapes. Extremely hot fruit, not recommended for eating.

Each of the above: (25f9) 25 sds - \$9.90
 50 sds - \$18.65 100 sds - \$28.25
 250 sds - \$57.13 500 sds - \$97.50

ORNAMENTAL PEPPER (continued)

CHILLY CHILI - 1925

9-10 in. - 9,000 S. (F-1 Hybrid). (All America Winner - 2002). This child-safe variety bears non-pungent fruit, making it ideal for indoor and outdoor use. Fruits start out a greenish-yellow, gradually changing to orange and then maturing to a dark red. Each fruit is 2 - 2 1/2 in. long and the dark red fruits are popular for Christmas/Valentine Day sales in 4-6 in. pots.

HOT POPS SERIES

4-5 in. - 10,300 S. Pump up your Autumn with this new fruit form and multicolors. Small, round peppers, simultaneously make a high impact display for indoor and outdoor decorating. Compact, heavily branched plants work in containers, color bowls and Mum Pal programs. Good getaway to gardening item for easy decor to attract and keep today's younger shopper. Grow like Medusa. Weeks to finish: 8-12 for Autumn.

Purple - 1985

Purple turning to orange. Very hot.

Yellow - 1993

Yellow turning to red. Medium hot.

MIDNIGHT FIRE - 1982

9-12 in. - Distinctive dark black foliage is accented by purple fruit which mature to bright red. Brilliant colors for eye-catching displays. Well-branched plants are perfect for stunning Autumn combination planters and large container programs. Weeks to finish: 7-13 for Autumn.

Each of the above: (25C9) 25 sds - \$8.65
 50 sds - \$15.20 100 sds - \$22.55
 250 sds - \$44.65 500 sds - \$75.50

ORNAMENTAL PEPPER (continued)

MEDUSA - 1976

6-8 in. - 11,000 S. (F-1 Hybrid). This child-safe variety bears non-pungent fruit, making it ideal for indoor and outdoor use. Colorful 2 - 2 1/2 in. fruits have a twisted cone shape that starts out ivory, turns yellow, then orange and finally bright red. Each plant will produce 40-50 brightly colored fruits held on compact plants with dark green leaves.

SANGRIA - 1997

10-12 in. - 8,000 S. (F-1 Hybrid). Compact, rounded plants are uniform in size, plant has a full and somewhat spreading habit. Continuous color from child-safe purple and red fruits. Ideal for indoor and outdoor use. Drought tolerant, excellent in containers and landscapes.

SEDONA SUN - 1986

9-12 in. - 9,500 S. Massive of distinctive lemon yellow and carrot orange fruit. Put on a brilliant, multicolor display with every plant. Grow like Sangria, with similar timing. Weeks to finish: 8-12.

WICKED - 1989

6-8 in. - 4,000 S. Compact, extra-large fruit that starts purple and matures to red. These stunning peppers will certainly capture attention. Weeks to finish: 7-13 for Autumn.

Each of the above: (25C9) 25 sds - \$8.65
 50 sds - \$15.20 100 sds - \$22.55
 250 sds - \$44.65 500 sds - \$75.50



Basket of Fire



Hot Pops Yellow



Sangria



Blaze



Sedona Sun



Calico



Medusa



Chilly Chili

OSTEOSPERMUM

2,000 sds/oz 70° 10 days

AKILA SERIES

16-20 in. - 1,800-3,400 S. Full, branched plants with beautiful blooms from seed are drought tolerant once established. Best seed-raised Osteo for both habit and seed quality. Excellent performance in the landscape. Branches without pinching. 90% germination standard. All colors flower within a 7-10 day window.

Weeks to flower: 14-16.

Daisy White - 3310

(All America Winner - 2014).

Unique clear white with yellow center.

Lavender Shades - 3316

Purple - 3317

White - 3318

White with dark purple center.

White Purple Eye - 3235

Grand Canyon Mixture - 3323

First multicolors segregating mixture includes popular colors like magicans, rose-reds and yellow, as well as creams, lavender, purple and whites.

Mixture - 3319

A formulated blend in shades of cream, lavender, purple, rose-red, white and yellow.

Each of the above: (24F9)	10 sds - \$8.50
25 sds - \$16.70	50 sds - \$27.95
100 sds - \$43.70	250 sds - \$96.95

PASSION MIXTURE - 3197

15 in. - 3,000 S. (All America Winner - 1999).

Beautiful mixture of daisy-like 2 in. flowers with azure blue centers. Compact, bushy plants do not require pinching. Will bloom all season in full sun, very drought tolerant. Can be used as a tender perennial in many areas.

10 sds - \$9.10	25 sds - \$18.50
50 sds - \$31.25	100 sds - \$49.10
250 sds - \$109.45	(24H9)

OXYPETALUM

4,000 sds/oz 70° 7 days

HEAVENBORN - 3100

☞ 18-24 in. - 4,500 S. Tweedia coerulea. Beautiful 1 in. sky-blue single flowers with unique arrow shaped leaves. A fast growing annual (tender perennial in some climates) will flower all season with a durable and extended vase life as a cut flower. Bright days with 65 degree minimum temperature is suggested to produce better, well branched plants.

50 sds - \$9.90	100 sds - \$18.65
250 sds - \$36.40	500 sds - \$57.15
1,000 sds - \$99.65	(26E9)

All Seed orders are shipped the same day received - most within 4 hours!

PANSY

20,000 sds/oz 68-70° 7-14 days

Pre-chill seeds 3-5 days in refrigerator before sowing. After sowing on sterilized media, cover seeds lightly with soil. Do not keep too wet. Maintain 70° soil temperature and keep surface moist. Darkness will help germination.

COOL WAVE SERIES

6-8 in. - 28,000-37,000 S. TRAILING. (F-1 Hybrid). Originally introduced as the PLENTIFALL SERIES, this series has been upgraded and renamed. Vigorous trailing variety. Extremely well branched. Incredibly unique, novelty baskets (trailing up to 30 in.) make eye-catching display. Holds up in the rain and weather better than larger flowered types. The earliest pansy to come back in the spring. No special culture needed. ENHANCED SEED for improved and more uniform germination. Weeks to flower: 9-10 in Spring (4in. pots) and 14-15 in Spring (12 in. baskets). Zones: 5

Blue Skies - 3306EN Mid-blue.

Blueberry Swirl - 3504EN 23,000 S. Unique color. Shades of primrose with whiskers and varying blue-purple edge.

Fire - 3510EN Rich dark red with a yellow face.

Frost - 3303EN White that matures with a light blue frost near edge.

Golden Yellow - 3500EN

Lemon - 3511EN Improved for 2018! Clear, buttery lemon blooms show some genetic dark and light shading.

Lemon Surprise - 3311EN


Dark to light shading with a purple cap.

Morpho - 3320EN Upper petals are mid-blue with bright yellow lower petals and whiskers radiating from the center.

Purple - 3501EN

Raspberry - 3509EN Velvety rosy-purple with white around flower center. Shows more white in the face in Summer/Autumn (warm season) production. In Winter/Spring (cool season) production, white diminished and more rose/purple shows in the bloom.

Raspberry Swirl - 3506EN  New for 2019

Strawberry Swirl - 3300EN  New for 2019

Sunshine N Wine - 3505EN

(Red Wing).

Violet Wing - 3305EN Blue lower petals with whiskers and darker purple cap.

White - 3307EN

White with light whiskers.

Berry N Cream Mixture - 3502EN

Mixture - 3309EN A formula mixture of Frost, Lemon, Violet Wing, White and Yellow.

Pastel Mixture - Discontinued. As a substitute, we suggest Cool Wave Mixture (enhanced).

Each of the above: (25G9)	25 sds - \$10.40
50 sds - \$19.55	100 sds - \$29.65
250 sds - \$60.25	500 sds - \$103.00

PANSY (continued)

DELTA SERIES

3-5 in. - 20,000 S. (F-1 Hybrid). The market leader in Pansies! Large 2 1/2 - 3 inch blooms. Extreme, uniformity in timing and habit. Premium seed quality, minimum 90% germination of all varieties at NO premium price to you. Outstanding heat tolerance. Extra-early and more free flowering than other series. Overwinters well and rebounds better from severe weather. Weeks to flower: 12-14 in Spring; 10-12 in Fall.

Beaconfield Premium - 4605

Blue Morpho Premium - 4631

Unique color. Blue with yellow face marked with distinct blue whiskers.

Blue With Blotch Premium - 4599

Fire - 4608 Unique color combinations of red, scarlet, and yellow flowers with mahogany red wings.

Lavender Blue Shades - 4597

Marina Premium - 4629

Neon Violet Premium - 4596

Persian Medley Premium - 4594

Pink Shades - 4593

Primrose With Blotch Premium - 4595

Pure Deep Orange Premium - 4622

Pure Golden Yellow Premium - 4618

Pure Lemon Premium - 4625

Pure Light Blue Premium - 4617

Pure Primrose Premium - 4616

Pure Red - 4620

Pure Rose - 4624

Pure Violet Premium - 4623

Improved 2018!

Pure White Premium - 4621

Pure Yellow Premium - 4619

Red With Blotch Premium - 4601

Rose With Blotch Premium - 4603

Tapestry Premium - 4598

Blend of rose, pink, apricot, primrose, and cream shades with dark faces.

True Blue Premium - 4626

Violet & White Premium - 4610

White With Blotch Premium - 4602

Improved for 2018!

Yellow With Blotch Premium - 4607

Yellow With Purple Wing Premium - 4604

Blotched Mixture Premium - 4614

A mixture of all Blotched, Faced and Wing colors.

Mixture - 4630

A blend of all colors in this series.

Pure Colors Mixture - 4615

A mixture of all Pure colors.

Watercolors Mixture - 4612

A mixture of Lavender Blue Shades, Pink Shades, Pure Deep Orange, Pure Light Blue, Pure Primrose Premium and Pure White Premium.

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

PANSY (continued)

FIZZY SERIES

6-8 in. - 31,000 S. (F-1 Hybrid). Blooms have ruffled petals with a very tasteful color blend. Stronger ruffling occurs in cool conditions. Germination standard is much higher than other ruffled frilly types. Great in hanging baskets.

Grape - 4948 Deep purple with some lighter fizz on the upper petals, with occasional rosy-purple tints.

Lemonberry - 4949 Frilly yellow blooms highlighted with dark purple picotee edges; some solid purple and yellow flowers.


Each of the above: (28F9)	100 sds - \$9.40
	200 sds - \$17.10
	500 sds - \$31.10
	1,000 sds - \$51.50
	2,000 sds - \$95.20

FRIZZLE SIZZLE SERIES


4 in. - 25,000 S. (F-1 Hybrid). Unique performance both in pots as well as flower beds. Compact, well branched habit with large ruffled flowers. Weeks to flower: 10.

Lemonade - 3508

Upper petals are white with a shade of lemon-yellow. Lower petals are lemony yellow with a whisper of a whisker.

Lemonberry - 4951  *New for 2019*

Lemon-yellow fringed with lilac-purple edges and a deep burgundy blotch.

Raspberry - 4952  *New for 2019*

Striking dark face with a hint of yellow from a dark, inky purple to lilac, wine and lavender.

(28F9)	100 sds - \$9.40	200 sds - \$17.10	500 sds - \$31.10	1,000 sds - \$51.50	2,000 sds - \$95.20
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Lemonade



Orange



Lemonberry



Yellow



Raspberry



Yellow Blue Swirl

PANSY (continued)

IMPERIAL ANTIQUE SHADES - 3301

6-8 in. - 20,000 S. (F-1 Hybrid). Early blooming 3-3 1/2 in. flowers in beautiful shades of apricot and pale orange. Outstanding garden performance. Heat tolerant with nice compact habit.

50 sds - \$7.90	100 sds - \$13.50
250 sds - \$24.90	500 sds - \$38.40
1,000 sds - \$65.90	(26B9)

JOLLY JOKER - 3194

20,000 S. (All America Winner - 1990). Free-flowering, beautiful 2 1/2 in. purple flowers with an orange face. Compact mounded plants that have great heat tolerance and beautiful small leaves.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

PANSY (continued)

HALLOWEEN II - 3125



6-8 in. - Improved for 2018! Mid-size blooms are a unique, uniform pure black color, making this a striking accent for container or garden mixes. Early, well-branched and floriferous plants overwinter with ease. Ideal for fall plantings but can be used in spring as well.

Each of the above: (28F9)	100 sds - \$9.40
	200 sds - \$17.10
	500 sds - \$31.10
	1,000 sds - \$51.50
	2,000 sds - \$95.20

KARMA SERIES

6-8 in. - 20,000 S. (F-1 Hybrid). Early and large flowering variety, 2 1/2 to 3-inch flowers on short stems. Fills packs and pots easily. Establishes big plants prior to first flower for more premium production. This strain was bred for Fall or Spring production. Compact plants with non-stretching blooms will retain their quality throughout the season. Strong root systems establish quickly for proven garden vigor and superior overwintering in many regions. Enhanced seed to ensure fast and uniform germination. Weeks to flower: 12-14 in Spring; 10-12 in Fall.

Blue Butterfly - 3288EN Unique color pattern, true-blue upper petals fading to yellow with black whiskers.

Blue Sun - 3447EN Deep purple wings with varying shades of blue and yellow faces.

Deep Orange - 3313EN

Lemon - 3299EN

Midnight Sun - 3370EN Unique deep purple flower with yellow face.

Red Blotch - 3282EN

Red petals with black blotch.

Violet With Face - 3297EN

Violet and white bicolor.

White - 3375EN

Yellow - 3338EN

Each of the above: (28C9)	100 sds - \$7.70
	200 sds - \$12.90
	500 sds - \$22.55
	1,000 sds - \$36.50
	2,000 sds - \$66.40

Yellow Blotch - Crop failure. As a substitute, we suggest Delta Yellow With Blotch Premium.

PANSY (continued on next page)

PANSY (continued)

MAJESTIC GIANT II SERIES

6-8 in. - 19,000 S. (F-1 Hybrid). Large, 4-4 1/2 in. flowers. Early flowering, even under short days. All varieties have a contrasting dark blotch. Performax quality seed, high germination and improved uniformity.

Blue And White - 3158

Deep Blue With Blotch - 3179

Fire - 3127

Dark blotch with yellow fading to red-orange at edges.

Marina Shades - 3159

Light blue with a yellow center.

Ocean With Blotch - 3144

Purple With Blotch - 3149

Red With Blotch - 3150

Sherry - 3141

Light pink, yellow and dark pink color variations.

White With Blotch - 3156

(All America Winner - 1966).

Yellow With Blotch - 3157

Mixture - 3140

Each of the above: (28D9)	100 sds - \$8.25
	200 sds - \$14.35
	500 sds - \$25.40
	1,000 sds - \$41.50
	2,000 sds - \$76.00

NATURE MULBERRY SHADES - 3499

6-9 in. - 29,000 S. (F-1 Hybrid). Early and compact. Very vigorous and very floriferous. A mixture of rich colors from a golden pecan through mulberry purple, very unique in the Pansy world.

100 sds - \$9.40	200 sds - \$17.10
500 sds - \$31.10	1,000 sds - \$51.50
2,000 sds - \$95.20	(28F9)

PADPARADJA - 3104

6-8 in. - 19,000 S. (F-2 Hybrid). (All America Winner - 1991). Orange Sapphire. Named after a rare and valuable orange sapphire. Plants will produce 1 1/2 to 2 in. deep orange blooms in full sun and through the summer. A very heat and stress tolerant variety.

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

PANOLA SERIES

6 in. - 24,500 S. (F-1 Hybrid). This series has the free-flowering characteristics of Violas, but with pansy-like 1 3/4 -2 in. flowers. Panolas provide uniform flowering with good flower facing and have short flower stems to resist stretching in warm climates. Very early flowering. Weeks to flower: 7-9.

Sunburst Xp - 4678

Scarlet background with golden face and whiskers.

Mixture - 4677

Complete mixture of all colors.

Each of the above: (28E9)	100 sds - \$8.85
	200 sds - \$15.75
	500 sds - \$28.25
	1,000 sds - \$46.50
	2,000 sds - \$85.60

PANSY (continued)

MATRIX SERIES

8 in. - 21,000 S. (F-1 Hybrid). Large 2 1/2 - 3 inch blooms. Superior branching means the plants cover the soil before initiating blooms without stretching. Short, strong peduncles hold the large, thick-petaled flowers beautifully cover the foliage. Due to unique branching architecture, Matrix resists stretching better than other pansies under stressful conditions and warm temperatures of Autumn production, so don't be cautious with fertility. An excellent variety for Summer and Fall production. Weeks to flower: 11-13.

Blue Blotch - 4909 Improved for 2019!

Deep Blue Blotch - 4910 Improved for 2018! Blue with blotch shades.

Denim - 4934

Lavender Shades - 4933

Lemon - 4931 Light yellow shades.

Midnight Glow - 4935 * *New for 2019*

Yellow center with a deep violet halo.

Morpheus - 4906

Vibrant blue cap with lower yellow petals.

Ocean - 4911 Shades of light lavender blue with blotch; can contain a small percentage of white with blotch.

Orange - 4917

Primrose - 4918

Purple - 4919

Red Blotch - 4912 Red and fire shades mature to scarlet red.

Red Wing - 4913

Rose - 4920

Rose Blotch - 4914 Light rose to rose blotch shades; can contain a small percentage of cream blooms with rose cap.

Rose Wing - 4907 Rose blotch with white halo.

Sangria - 4938 Wine shades (purple, burgundy and rose) with variations of yellow halo around the center blotch.

Solar Flare - 4394 A fiery blaze of reds and oranges merging into yellow.

Sunrise - 4908 Peach, yellow and rose shades with blotch.

True Blue - 4932 Clear deep blue.

White - 4921

White Blotch - 4915

Yellow - 4922

Yellow Blotch - 4916

Yellow Purple Wing - 4936 * *New for 2019*

Blotch Mixture - 4924

A blend of all blotched colors.

Citrus Mixture - 4925

Orange, Primrose, White, and Yellow.

Mixture - 4927

A blend of all colors in this series.

Each of the above: (28E9)	100 sds - \$8.85
	200 sds - \$15.75
	500 sds - \$28.25
	1,000 sds - \$46.50
	2,000 sds - \$85.60

Blue Frost - Crop failure. As a substitute, we suggest Matrix Ocean.

PANSY (continued)

SWISS GIANTS

Mammoth Mix - 3122 6-8 in. - 22,000 S. More compact foliage with larger 3 to 3 1/2 in. flowers and better color range than most Swiss Giant strains on the market today.

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

ULTIMA MORPHO - 4151

6-8 in. - 20,500 S. (F-1 Hybrid). (All America Winner - 2002). A distinct bicolor design, the upper petals are mid-blue with bright lemon yellow lower petals and whiskers radiating from the center. Named after the Morpho butterfly, which is blue and yellow. Very free-flowering with excellent performance.

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

ULTIMA RADIANCE PINK - 3163

6 in. - 23,000 S. Unique colors and patterns on medium sized, 2 1/2 in. blooms for lovely designer displays in the garden bed or patio. Stunning and irresistible hot pink flowers with white overtones, yellow eyes and deep purple streaks at the ends of the stems that immediately command attention.

Ideal for premium containers and baskets. Blooms through fall, winter and spring on vigorous plants.

50 sds - \$7.90	100 sds - \$13.50
250 sds - \$24.90	500 sds - \$38.40
1,000 sds - \$65.90	(26B9)

WONDERFALL SERIES

10-12 in. - 22,800 S. (F-1 Hybrid). TRAILING. A true pansy, with large round, high quality flowers. Vigorous, well-branching habit that requires fewer plants per container and provides continuous flowering in any season. Floriferous plants with unique colors, including blotched faces, picotee and shaded types. Great for quarts, gallons, hanging baskets and large premium containers. Weeks to flower: 11-13 in Spring; 10-12 in Fall.

Yellow With Red Wing - 3436

25 sds - \$8.65	50 sds - \$15.20
100 sds - \$22.55	250 sds - \$44.65
500 sds - \$75.50	(25C9)

Lavender Picotee Shades - Sorry, no longer available.

PARDANCANDA

Norrisii, Candy Lily

1,000 sds/oz 65°-70° 4-5 weeks

GIANT MIXTURE - 6114

☞ ① **Perennial.** 24-36 in. - 1,500 S. Will bloom the first year from July to frost from an early sowing. A beautiful array of color in various flower types of yellow, blue, pink orange, red, and many variegated and spotted flowers. A cross between the Blackberry Lily and the Iris. Zones: 5-8

50 sds - \$9.90	100 sds - \$18.65
250 sds - \$36.40	500 sds - \$57.15
1,000 sds - \$99.65	(26E9)

PENSTEMON

Beards tongue

60° 2-3 weeks

Nice cut flower that will bloom the same year from sowing. Plants bear open clusters of showy, tubular 5-lobed flowers. Will attract hummingbirds and songbirds and help repel deer all season. Will flower the first year from seed. June-September.

ARABESQUE SERIES

Perennial. 24-30 in. - 100,000 S. P. hartwegii. (F-1 Hybrid). Unique, showy, bicolored blooms dance circles around strong, upright stems. Also known as Summer Snapdragon. Blooms are large with white throats. Ideal for premium programs, offering the look of a perennial with the growing ease of an annual. Superior quality, faster and more reliable than traditional Penstemon. Suitable for quart, gallon and larger containers. Zones: 7

Orchid - 6703

Pink - 6706

Bright pink with white throat.

Red - 6707

(All America Winner - 2014). Brilliant deep scarlet-red with white throat.

Violet - 6708

Violet-pink with white throat.

Each of the above: (25B9)	25 sds - \$7.90
50 sds - \$13.50	100 sds - \$19.70
250 sds - \$38.40	500 sds - \$64.50

ELECTRIC BLUE - 6710

① **Perennial.** 18 in. - 45,000 S. P. heterophyllum. Multi-stems with branched spikes of intense Delphinium-type blue, tubular flowers. Will flower the first year from seed. Can be grown as an annual as vernalization is not required for flowering.

100 sds - \$9.90	200 sds - \$18.50
500 sds - \$33.95	1,000 sds - \$56.50
2,000 sds - \$104.80	(28G9)

HUSKER RED - 6177

⌘ **Perennial.** 36-48 in. - 94,000 S. P. digitalis. (Perennial Plant of the Year). Beautiful blush lilac flowers with deep green bronzy-purple foliage. Zones: 3-8

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

MYSTICA (ENHANCED) - 6709EN

⌘ **Perennial.** 28-32 in. - 76,000 S. P. digitalis. Re-selection and improvement to Husker Red, similarities abound with lilac flowers and deep changing foliage. Requires vernalization, but can be sold for its bronze-red leaf coloring. Enhanced seed for improved and more uniform germination. Zones: 4-8

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

PENSTEMON (continued)

RED - 6112

⌘ **Perennial.** 50 in. - 32,500 S. P. barbatus var. coccineus. (Jingle Bells). Attractive 1 in. tubular bell-shaped scarlet flower completely cover the numerous flower spikes and accenting evergreen foliage. An easy to grow variety that is outstanding in the garden and attracts hummingbirds.

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

PENTAS

960,000 sds/oz 65° 9-14 days

After sowing seed. cover very lightly. Needs light to germinate.

BUTTERFLY SERIES

18-24 in. - (F-1 Hybrid). This new hybrid series can be grown in both northern and southern climates. Large, star-shaped flowers on umbels up to 3 in. across. PELLETED SEED.

Deep Pink - 3057PE

Deep Rose - 3068PE

Light Lavender - 3058PE

Very light lavender blooms.

Red - 3060PE

White - 3128PE

Mixture - 3059PE

Each of the above: (26F9)	50 sds - \$10.80
100 sds - \$20.40	250 sds - \$40.20
500 sds - \$63.40	1,000 sds - \$110.90

KALEIDOSCOPE SERIES

⌘ 18 in. - (F-1 Hybrid). Setting a new standard for taller landscape needs. Flowering earlier, reduction in crop time, better branching and the highest germination standard in the industry. Weeks to flower: 17-20. PELLETED SEED.

Appleblossom - 3580PE ⌘

Carmine - 3582PE ⌘

Lilac - 3581PE ⌘

Pink - 3585PE

Mixture - 3586PE

Each of the above: (26G9)	50 sds - \$11.50
100 sds - \$22.10	250 sds - \$43.95
500 sds - \$69.65	1,000 sds - \$122.15

Deep Red - Discontinued. As a substitute, we suggest Butterfly Red (pelleted).

GLITTERATI PURPLE STAR (PELLETED) - 3056PE

12-22 in. - (F-1 Hybrid). The distinctive star pattern combines easily with other varieties, adding a unique component in Fourth of July and other warm/ hot season combinations.

25 sds - \$7.90	50 sds - \$13.50
100 sds - \$19.70	250 sds - \$38.40
500 sds - \$64.50	(25B9)

PENTAS (continued)

NEW LOOK SERIES

8 in. - P. lanceolata. Starry flowers with a balloon-shaped compact habit not requiring growth regulators or pinching. Contrasting dark-green foliage make this variety an eye catcher. Good garden performance and heat tolerance. PELLETED SEED.

Pink - 3184PE

Red - 3186PE

Rose - 3189PE

Violet - 3187PE

White - 3072PE

Mixture - 3073PE

Each of the above: (25B9)	25 sds - \$7.90
50 sds - \$13.50	100 sds - \$19.70
250 sds - \$38.40	500 sds - \$64.50

PERILLA

Beef Steak Plant

20,000 sds/oz 70° 10 days

NANKINENSIS - 3188

⌘ 18-36 in. - 21,000 S. Dark maroon ornamental foliage with fringed edges. Very attractive for borders and edging. A hardy annual.

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

PEROVSKIA

Russian Sage

34,000 sds/oz 3-4 weeks

BLUE STEEL - 6596

① **Perennial.** 18-36 in. - Aromatic, silvery foliage carries clouds of small blue flowers on strong silver stems that do not break or split easily. Pinch for optimal branching. Heat and drought tolerant. Very hardy. Weeks to flower: 9-15. Zones: 4-9

25 sds - \$9.90	50 sds - \$18.65
100 sds - \$28.25	250 sds - \$57.13
500 sds - \$97.50	(25F9)

TAIGA - 6590

Perennial. 16-20 in. - 34,000 S. P. atriplicifolia. Long deep sky-blue flower spikes. Contrasting silvery green foliage. Heat and drought tolerant. Perfect landscaper or accentuating border plant. Weeks to flower: 14-16. Zones: 5-7

100 sds - \$8.85	200 sds - \$15.75
500 sds - \$28.25	1,000 sds - \$46.50
2,000 sds - \$85.60	(28E9)



Pentas Glitterati Purple Star

PETUNIA, DOUBLE GRANDIFLORA

250,000 sds/oz 70° - 75°

Transplant all large and small seedlings to insure a complete range of colors. Taller plants should be pinched to induce better branching.

DOUBLE CASCADE SERIES

10-15 in. - 204,000-322,500 S. A very early and fully double series. Excellent pack and garden habit. Weeks to flower: 6-8. PELLETED SEED.

Blue - 0115PE

Burgundy - 0620PE

Orchid Mist - 0645PE Lavender-pink.

Pink - 0621PE

Mixture - 0622PE

A blend of the above varieties.

GLORIOUS MIXTURE (PELLETED) - 0685PE

10-15 in. - Contains all Pan-American colors. Transplant all large and small seedlings to insure a complete range of colors. Taller plants should be pinched to induce better branching.

PIROUETTE SERIES

245,000-294,000 S. (F-1 Hybrid). Early blooming series of very double, fringed flowers on compact plants. PELLETED SEED.

Purple - 0678PE (All America Winner - 1987). Purple and white picotee.

Red - 0680PE Red and white bicolor.

Rose - 0679PE

VALENTINE (PELLETED) - 0654PE

10-15 in. - 400,000 S. The first real red double grandiflora, bearing fully double 3 in. flowers. Very compact in habit and outstanding.

Each of the above: (28B9) 100 sds - \$6.90
200 sds - \$11.60 500 sds - \$19.70
1,000 sds - \$31.50 2,000 sds - \$56.80

PETUNIA, DOUBLE MULTIFLORA

250,000 sds/oz 70° - 75°

DOUBLE MADNESS SERIES

10 - 15 in. - The same superior performance as the original Madness Series, these double petunias look spectacular in pots, baskets, beds and landscapes. The compact, large 3 in. double flowers will bloom all summer. Very heat and weather tolerant. (Petunia Madness Series is a registered trademark of the Ball Seed Company.) PELLETED SEED.

Blue - 0948PE

Burgundy - 0930PE

Lavender - 0335PE

Red And White - 0931PE

Rose - 0932PE

Rose And White - 0933PE

Satin Pink - 0946PE

Salmon-pink with a satin sheen.

Mixture - 0936PE

Each of the above: (28F9) 100 sds - \$9.40
200 sds - \$17.10 500 sds - \$31.10
1,000 sds - \$51.50 2,000 sds - \$95.20

PETUNIA, DOUBLE MULTIFLORA (continued)

BONANZA MIXTURE (PELLETED) - 0522PE

14 in. - (F-1 Hybrid). (Formerly Tart Mixture). Frilly double, 2 - 2 1/2 in. multiflora flowers in uniform mounded plants.

100 sds - \$6.90 200 sds - \$11.60
500 sds - \$19.70 1,000 sds - \$31.50
2,000 sds - \$56.80 (28B9)

PETUNIA, GRANDIFLORA SINGLE

250,000 sds/oz 70° - 75°

DADDY SERIES-PELLETED

10-15 in. - 245,000-357,000 S. Beautiful, large 4 in. blooms with prominent darker veins. Early flowering, uniform compact habit with good weather tolerance. PELLETED SEED.

Blue - 0165PE Light blue.

Orchid - 0184PE

(All America Winner - 1989). Light orchid.

Peppermint - 0870PE Orchid pink.

Pink - 0873PE Soft pink.

Red (strawberry) - 0132PE Coral red.

Sugar - 0188PE

Orchid-purple with wine-red veins.

Mixture - 0225PE

DREAMS SERIES-PELLETED

10-15 in. - 228,000-346,000 S. Very large, 3 1/2 - 4 in. flowers provide a 5-7 day bloom time between all colors. Tight branching. Weeks to flower: 9-11. PELLETED SEED.

Appleblossom - 0147PE

Light blush salmon.

Burgundy - 0151PE

Burgundy Picotee - 0185PE

Burgundy with white edge.

Coral Morn - 0110PE Coral-red margin with creamy white throat.

Midnight - 0179PE Dark blue.

Neon Rose - 0867PE Magenta-purple.

Pink - 0872PE

Deep pink flowers with white throat.

Red - 0120PE Deep red.

Red Picotee - 0154PE

Rose - 0149PE

Rose Morn - 0127PE

Rose Picotee - 0186PE

Rose with white edge

Salmon - 0153PE Salmon.

Sky Blue - 0191PE Light to mid blue.

White - 0857PE Clean white.

Mixture - 0228PE

Patriot Mixture - 0141PE

A patriotic blend of red, white and midnight blue.

Waterfall Mixture - 0142PE

Mixture of Midnight, Sky Blue and White.

Wild Rose Mixture - 0166PE

A vibrant combination of Appleblossom, Neon rose and Burgundy.

Each of the above: (29B9) 250 sds - \$8.15
500 sds - \$13.90 1,000 sds - \$20.80
2,000 sds - \$34.80 5,000 sds - \$71.40

PETUNIA, GRANDIFLORA SINGLE (continued)

DUVET SERIES

6-8 in. - A tried and true garden plant, modernized for easy care. Large, bright, trumpet-shaped flowers are held upright to help prevent Botrytis. Compact, mounding habit stays tidy in the landscape and requires less pinching to maintain its shape. Great for small and large packs, pots and bowls. Weeks to flower: 7-9. PELLETED SEED.

Blue - 0525PE

Burgundy - 0524PE

Pink - 0526PE

Red - 0527PE

Salmon - 0528PE

White - 0529PE

Mixture - 0530PE

FROST SERIES

12-14 in. - (F-1 Hybrid). A striking bicolor pattern! Bright white picotee edge provides contrast with solid colors of each flower makes magnificent, eye catching displays. Weeks to flower: 9-11. PELLETED SEED.

Blue - 0814PE

Cherry - 0819PE Cherry-red.

Fire - 0820PE Bright red.

Velvet - 0831PE

Mixture - 0230PE

Complete mixture of all colors.

Each of the above: (29C9) 250 sds - \$9.25
500 sds - \$16.60 1,000 sds - \$25.35
2,000 sds - \$43.20 5,000 sds - \$89.75

PRISM SUNSHINE (PELLETED) - 0210PE

8-10 in. - 25,000 S. (F-1 Hybrid). (All America Winner - 1998). Beautiful 3 in. yellow blooms. Very uniform and long flowering.

250 sds - \$9.25 500 sds - \$16.60
1,000 sds - \$25.35 2,000 sds - \$43.20
5,000 sds - \$89.75 (29C9)

SOPHISTICA SERIES

10-15 in. - 285,000 S. (F-1 Hybrid). Large flowers in unique colors. Colors change as the environment changes, so gardeners get 2 for 1. Weeks to flower: 8-11. PELLETED SEED.

Antique Shades - 0205PE

Antique rose with yellow throat in a star-shaped bloom.

Blackberry - 0209PE

Blue Morn - 0206PE

Blue margin with silver white throat.

Lime Bicolor - 0207PE

The most unique and distinguishable color that will change based upon light, heat and age of flowers.

Lime Green - 0212PE

Yellow with underlying lime tone.

Mixture - 0208PE

Each of the above: (25B9) 25 sds - \$7.90
50 sds - \$13.50 100 sds - \$19.70
250 sds - \$38.40 500 sds - \$64.50

Twilight - Discontinued. As a substitute, we suggest Sophistica Antique Shades (pelleted).

PETUNIA, GRANDIFLORA SINGLE (continued)

HULAHOOP SERIES

10 in. - Very early bi-color series with 3 in. flowers that have a crisp, white edging similar to the Frost/Picotee Series. PELLETED SEED.

- Blue - 0240PE**
- Burgundy - 0239PE**
- Red - 0241PE**
- Rose - 0242PE**
- Velvet - 0243PE**
- Mixture - 0244PE**

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

TRITUNIA SERIES

10-12 in. - (F-1 Hybrid). Best of the Best! Selections from our top performers that simplifies your Petunia program. Matched for uniformity in habit and flowering. Performance you can trust from greenhouse to gardens. A one stop shop for color selection, bold bright solids, crisp bi-colors, novelty veined and morn patterns. Great for packs, pots, containers, mass plantings. Weeks to flower: 8-14. PELLETED SEED.

- Blue - 0439PE**
- Blue Star - 0441PE**
- Blue Vein - 0440PE**
- Burgundy - 0442PE**
- Crimson Star - 0443PE**
- Fresh White - 0463PE** * New for 2019
- Lavender - 0444PE**
- Pink - 0445PE**
- Pink Morn - 0446PE**
- Pink Vein - 0447PE** Improved for 2018!
- Plum - 0448PE**
- Purple - 0464PE** * New for 2019
- Purple Star - 0449PE**
- Red - 0450PE**
- Red Star - 0451PE**
- Rose - 0452PE**
- Rose Star - 0453PE**
- Salmon - 0454PE** Improved for 2018!
- Salmon Vein - 0455PE**
- Sky Blue - 0456PE**
- Violet - 0457PE**
- Mixture - 0459PE**

A complete mixture of all the above.

Star Mixture - 0461PE

A mixture of all Star pattern colors.

Vein Mixture - 0462PE

A mixture of all Vein pattern colors.

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

Pro Formula Mixture - Discontinued.

As a substitute, we suggest Tritunia Mixture (pelleted).

White - Crop failure. As a substitute, we suggest Tritunia Fresh White (pelleted).

Razzle-dazzle - Crop failure.

As a substitute, we suggest Frost Mixture (pelleted).

PETUNIA, GRANDIFLORA SINGLE (continued)

SUPERCASCADE SERIES-PELLETED

10-15 in. - Early flowering improved Cascade with very large flowers and a more compact growing habit. PELLETED SEED.

- Blue - 0173PE** Midnight blue.
- Burgundy - 0102PE** Deep burgundy-red.
- Lilac - 0178PE** Soft lilac-lavender.
- Pink - 0866PE** Bright pink.
- Red - 0122PE** Bright scarlet-red.
- Rose - 0886PE** Deep rose flowers.
- White - 0855PE** Purest paper white.
- Mixture - 0222PE**

PETUNIA, MILLIFLORA SINGLE

250,000 sds/oz 70° - 75°

PICOBELLA CASCADE SERIES

Sorry, no longer available.

PICOBELLA SERIES

8-10 in. - Small in stature, but a WOW in color. Dwarf, compact mounded habit. Loads of petite flowers on a proportionately appropriate plant. Perfect for small space or vertical gardening, also garden borders, hanging baskets and wall bags. Excellent performance in the heat. Weeks to flower: 9-11. PELLETED SEED.

- Blue - 0963PE**
- Carmine - 0964PE**
- Light Lavender - 0965PE**
- Pink - 0952PE**
- Red - 0949PE**
- Rose - 0966PE**
- Rose Morn - 0893PE** Vivid rose margin with white and yellow throat.
- Rose Star - 0894PE** Rose with white star.
- Salmon - 0960PE**
- White - 0967PE**
- Mixture - 0968PE**

Each of the above: (28B9)	100 sds - \$6.90
200 sds - \$11.60	500 sds - \$19.70
1,000 sds - \$31.50	2,000 sds - \$56.80

PETUNIA, MULTIFLORA SINGLE

250,000 sds/oz 70°-75°

CARPET SERIES-PELLETED

10-12 in. - Mid-size blooms are heat tolerant and hold their habit better in high-heat areas. Weeks to flower: 8-9. PELLETED SEED.

- Blue - 0341PE** Deep blue.
- Blue Lace - 0355PE**
Mid-blue flowers with dark veins.
- Blue Star - 0436PE** Blue with white star.
- Bright Red - 0437PE**
- Buttercream - 0387PE** Soft yellow.
- Lilac - 0342PE**
Soft lilac flowers with rosy tones.
- Pink - 0363PE** Rose-pink.
- Plum - 0357PE** Orchid-lavender flowers with deep orchid veins.

PETUNIA, MULTIFLORA SINGLE
Carpet Series
(continued in next column)

PETUNIA, MULTIFLORA SINGLE

Carpet Series (continued)

- Rose - 0370PE** Deep rose flowers.
- Rose Star - 0438PE** Rose with white star.
- Salmon - 0406PE** Bright salmon flowers with a creamy white throat.
- Sky Blue - 0343PE** Sky blue flowers.
- True Blue - 0332PE** Mid-blue flowers.
- Velvet - 0420PE** Rich velvet burgundy-purple flowers.
- White - 0393PE** Pure white flowers.
- Mixture - 0424PE** A formula blend of all the carpet varieties.

Neptune Mixture - 0336PE

Inspired by the blues of the sea; True Blue, Blue, Sky Blue, Blue Lace and White.

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

MADNESS SERIES

12 in. - This series is extremely prolific and uniform blooming in the pack. Heat and weather tolerant with excellent garden performance, the 3 in. flowers are compact and floriferous. (Petunia Madness Series is a registered trademark of Ball Seed Company.) PELLETED SEED.

- Burgundy - 0901PE**
Dark burgundy with veins.
- Burgundy Star - 0903PE**
Burgundy and white bicolor.
- Carmine - 0920PE** Rosy-magenta.
- Just Madness - 0918PE**
A mix of veined colors.
- Lilac - 0902PE**
- Magenta - 0899PE**
- Midnight - 0904PE** Deep blue.
- Orchid - 0905PE**
Lavender-blue with darker veins.
- Pink - 0906PE**
- Plum - 0911PE** * New for 2019
- Plum Crazy - 0908PE** Light plum, dark plum veins accent only the throat.
- Red - 0909PE**
- Rose - 0910PE**
- Royal - 0921PE** Deep purple with a light sheen.
- Simply - 0913PE** Salmon-pink.
- Spring - 0914PE**
Pale salmon with darker veins.
- Sugar - 0915PE** Orchid with darker veins.
- Summer - 0916PE**
Salmon-red with deep rose veins.
- Total Madness - 0919PE**
A blend of all varieties except Burgundy Star and Rose Star.
- White - 0917PE** Pure white.
- Yellow - 0972PE** Light yellow.
- Merlot Mixture - 0990PE** A mixture of burgundy and lavender shades.

Each of the above: (29C9)	250 sds - \$9.25
500 sds - \$16.60	1,000 sds - \$25.35
2,000 sds - \$43.20	5,000 sds - \$89.75

PETUNIA, MULTIFLORA SINGLE
(continued on next page)

PETUNIA, MULTIFLORA SINGLE (continued)

MERLIN BLUE MORN (PELLETED) - 0260PE

10-12 in. - 275,000 S. (All America Winner - 2003). Deep bluish-purple. Early to bloom in the pack with dwarf, compact habit.

Beautiful 2 1/4 in. blooms show outstanding performance.

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

PETUNIA, SPREADING

250,000 sds/oz 70° - 75°

COMBO BLUE (PELLETED) - 0106PE



6-12 in. - (F-1 Hybrid). Large, 2-3 in. velvety deep blue flowers on a mounding, well-branched plant. Timing is similar to Easy Wave Blue, with a minimum daylength requirement to 10.5 hours. Weeks to flowers: 6 in the spring; 4 in the summer.

Each of the above: (25H9)	25 sds - \$10.75
50 sds - \$20.35	100 sds - \$31.10
250 sds - \$63.40	500 sds - \$108.50

EVENING SCENTSATION (PELLETED) - 0252PE



5 in. - (F-1 Hybrid). (All America Winner - 2017). Multiflora type. One of the best blue petunias ever seen. Nice mounding and spreading habit. Excellent fragrance too. Fragrance has notes of hyacinth, sweet honey and rose. As the name implies, the scent is stronger in the evening hours, though it can be experienced throughout the day as well. Scent is perceived differently by each individual. Works well in containers, hanging baskets and in mass plantings.

10 sds - \$6.90	25 sds - \$12.20
50 sds - \$19.70	100 sds - \$30.20
250 sds - \$65.70	(24A9)

PETUNIA, SPREADING (continued)

EASY WAVE SERIES

6-12 in. - (F-1 Hybrid). Grower friendly - earlier to flower under short days with more flowers. Reduces the need for plant growth regulators required in other spreading petunias. Use similar culture as Multiflora Petunias. More of a mounded and less spreading habit than the Wave Series. Ideal for baskets, containers and small space gardens. 2 1/4-2 1/2 in. flowers with a 30-36 in. spread. Looks good all season. Weeks to flower: 12-16 in the spring; 9-13 in the summer. PELLETED SEED.

Berry Velour - 0922PE

Flowers are rosy-red in cool night low light conditions. The color warms up with orange undertones in warm high light conditions.

Blue - 0986PE Dark blue flowers with some shading to light blue

Burgundy Star - 0696PE

Rich burgundy with pure white star.

Burgundy Velour - 0923PE

Deep cabernet with velvet undertones.

Coral Reef - 0978PE

Deep coral with small white throat.

Lavender Sky Blue - 0956PE * New for 2019

Shades of lavender to sky blue.

Neon Rose - 0878PE Vivid rose-pink.

Pink - 0981PE Bright pink.

Pink Passion - 0884PE Mid-pink with rose eye. A true bubblegum color.

Plum Vein - 0971PE

Mid-lavender with purple veins.

Red - 0987PE

Improved for 2018! Flowers open red and lighten to soft red as they mature.

Red Velour - 0924PE True blood red.

Rosy Dawn - 0988PE

Coral-pink with a morn pattern center.

Salmon - 0984PE Salmon-pink.

Silver - 0890PE

Soft white with blue-purple veins.

Violet - 0973PE

Improved for 2018! Richer violet color is more blue-toned than Ramblin Violet.

White - 0983PE Pure white.

Yellow - 0958PE

True yellow, slightly veined.

Beachcomber Mix - 0979PE

Mixture of Blue, Coral Reef and Shell Pink.

Great Lakes Mixture - 0881PE

Improved! A formula mixture of Blue, Violet and White.

Opposites Attract Mixture - 0882PE

Improved! Mixture of Coral Reef and Violet.

Plum Pudding Mixture - 0974PE

Improved! Plum Vein and Violet.

Starfish Mixture - 0999PE A formula mixture of Burgundy Star and White.

Each of the above: (25H9)	25 sds - \$10.75
50 sds - \$20.35	100 sds - \$31.10
250 sds - \$63.40	500 sds - \$108.50



Easy Wave Red



Easy Wave Lavender Sky * New for 2019



Easy Wave Burgundy Velour



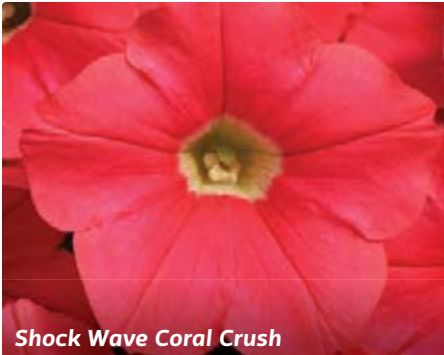
Easy Wave Silver



Easy Wave Red Velour



Shock Wave Denim



Shock Wave Coral Crush



Shock Wave Coconut



Easy Wave Pink Passion



Easy Wave Burgundy Star

PETUNIA, SPREADING (continued)

SHOCK WAVE SERIES

7-10 in. - Lush, full plants are blanketed with tons of color from the amazing amount of small, high impact flowers of 1.5 to 2 in. in size. Spreading 30-36 in. Earliest to flower and fastest to recover after rain or weather compared with any Petunia. Self-cleaning plants stay flower-filled to deliver the best looking outdoor displays. This series plays well with other, making them an excellent choice for mixed combos and the quickest fill in hanging baskets. It's the new kid in town. Weeks to flower: 9-12. PELLETED SEED.

Coconut - 0270PE

Not a white, but more crisp and clean than Ivory with a green throat leading outward to the veins.

Coral Crush - 0272PE Shimmering coral bloom with yellow throat.

Deep Purple - 0264PE

Denim - 0269PE Dark blue-purple, changes to blue-lavender silver in high light and hot conditions.

Pink Shades - 0262PE

Pink Vein - 0263PE

Bright pink with dark pink veins..

Red - 0273PE

Rose - 0265PE

Yellow - 0276PE

Mid-yellow with slightly lighter margin.

Buzz Mixture - 0267PE Mixture of Coconut, Pink Shades, and Rose.

Mixture - 0266PE

Complete mixture of all colors.

Spark Mixture - 0271PE Mixture of Coconut, Denim and Pink Shades

Volt Mixture - 0274PE

Mixture of Coconut, Denim and Red.
 Each of the above: (25H9) 25 sds - \$10.75
 50 sds - \$20.35 100 sds - \$31.10
 250 sds - \$63.40 500 sds - \$108.50

Power Mixture - Crop failure.
 As a substitute, we suggest Shock Wave Buzz Mixture (pelleted).

RAMBLIN SERIES

10-14 in. - Fascinating 24-30 in. spreading/trailing habit. Early flowering, nearly 10 days earlier than others in its class. Short internodes produces flowers over the entire plant, while reducing the use of PGR's. Outstanding performance in the garden, baskets, or in containers. Weeks to flower: 10-12 weeks. PELLETED SEED.

Burgundy Chrome - 0750PE

Nu Blue - 0752PE Deep blue.

Pink - 0759PE

Red - 0760PE

Sky Blue - 0768PE Light to mid-blue.

Sugar Plum - 0765PE

Improved for 2018! Deep orchid with darker veins.

White - 0764PE

Each of the above: (25C9) 25 sds - \$8.65
 50 sds - \$15.20 100 sds - \$22.55
 250 sds - \$44.65 500 sds - \$75.50

PETUNIA, SPREADING (continued)

TIDAL WAVE SERIES

14-16 in. - Taller hedge shape. Attractive 2 in. flowers cover the plants. The growth habit is determined on how closely the plants are spaced in the garden. The closer the spacing, the taller the plants. When given plenty of room, it makes a floriferous groundcover, spreading 30-36 in. Good garden performer. PELLETED SEED.

Cherry - 0201PE

Hot Pink - 0202PE


Purple - 0204PE

Red Velour - 0200PE Velvety deep red.

Silver - 0203PE (All America Winner - 2002). Silvery-white to light lavender with dark purple veins.

WAVE SERIES

3-6 in. - Beautiful 3 in. single flowers on prostrate habit to 36-48 in. Weather tolerant with good garden performance all season. Blooms freely without being cut back. Flowering will not occur before before 12 sets of true leaves, so growth regulators are encouraged to tighten the internodes for flowering. Ideal for baskets, large pots and landscape. Use as a ground cover. Weeks to flower: 12-16 in spring; 9-13 in summer. PELLETED SEED.

Carmine Velour - 0985PE  *New for 2019*
 Hot carmine-cherry.

Lavender - 0997PE (All America Winner - 2002). Deep lavender flowers.

Misty Lilac - 0993PE

Pink - 0992PE

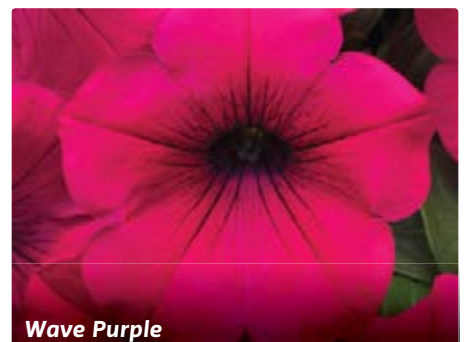
Purple - 0996PE Slightly different color but up to two weeks earlier to flower.

Purple Classic - 0991PE

(All America Winner - 1995).
 Each of the above: (25H9) 25 sds - \$10.75
 50 sds - \$20.35 100 sds - \$31.10
 250 sds - \$63.40 500 sds - \$108.50



Wave Carmine Velour  *New for 2019*



Wave Purple

PETUNIA-FUSEABLES

MULTI-SPECIES COLLECTION

Fantastic for making dazzling, well-mixed petunia combos. Also exciting combinations (Petunia and Bacopa) bring together great textures, colors and includes outstanding varieties. MULTI-SEED PELLETT which will include multiple seeds of each variety in one easy to sow pellet.

Blueberry Lime Jam (multi-seed) - 0300MP

Includes Dreams Midnight and Sophistica Lime Green.

25 sds - \$10.75	50 sds - \$20.35
100 sds - \$31.10	250 sds - \$63.40
500 sds - \$108.50	(25H9)

Healing Waters (multi-seed) - 0312MP

Includes Shock Wave Denim (Petunia), Easy Wave Violet (Petunia), and large flowered blue Bacopa.

Ooh La La - 0314MP

Includes Easy Wave Burgundy Star, Easy Wave Neon Rose and Shock Wave Coconut.

Each of the above: (24J9)	10 sds - \$9.70
25 sds - \$20.30	50 sds - \$34.55
100 sds - \$54.50	250 sds - \$121.95

Strawberry Wine (multi-seed) - 0311MP

Includes Easy Wave Shell Pink, Dreams Red and Daddy Red (Petunia).

10 sds - \$9.70	25 sds - \$20.30
50 sds - \$34.55	100 sds - \$54.50
250 sds - \$121.95	(24J9)

Blue Dawn, Burgundy Starlight Cloud N Sky & Pleasantly Blue - Sorry, no longer available.

PHASEOLUS COCCINEUS

SCARLET RUNNER BEAN - 3603

Climber. 6-8 ft.. - 25 S. Heirloom. Introduced to the United States from Europe, in the early 1800's. Attractive, rapid climber. Scarlet flowers against green heart-shaped foliage. Beans are edible. Will produce flowers all season, attracts butterflies and hummingbirds.

50 sds - \$7.90	100 sds - \$13.50
250 sds - \$24.90	500 sds - \$38.40
1,000 sds - \$65.90	(26B9)

PHLOX

2,500 sds/oz 60° 3 weeks

Frost germinator. For the best germination, we suggest freezing seed for 2 weeks before sowing and soaking in warm water for 7 days. Darkness will help germination. Nice cutflower, will bloom June-September the same year sown. It will attract hummingbirds and butterflies and help repel deer all season.

DECUSSATA NEW HYBRIDS - 6129

☞ **Perennial.** 36 in. - 4,000 S. A strain that blooms in the most beautiful free-flowering color mixture from white, salmon, salmon rose and salmon red to deep rose, purple, violet, burgundy and carmine. The sweetly fragrant, evening scent is captivating. Zones: 3-9

100 sds - \$9.90	200 sds - \$18.50
500 sds - \$33.95	1,000 sds - \$56.50
2,000 sds - \$104.80	(28C9)

PHLOX, DRUMMONDII

14,000 sds/oz 60°-65° 10 days

For best germination, sow seed on sterilized media, cover seed lightly and place flat in the dark. Maintain 65° soil temperature.

21ST CENTURY SERIES-ENHANCED

10 in. - 15,500-26,500 S. (F-1 Hybrid). An outstanding garden performer and adaptable to a wide range of growing conditions. Compact habit and will flower from early spring until frost. ENHANCED SEED for better and more uniform germination. ENHANCED SEED.

Blue - 3620EN

Crimson - 3606EN

Pink - 3612EN

Scarlet - 3610EN

White - 3609EN

Mixture - 3605EN All colors in the series.

Patriot Mixture - 3611EN

Blue, Crimson and White.

Each of the above: (26C9)	50 sds - \$8.65
100 sds - \$15.20	250 sds - \$28.75
500 sds - \$44.65	1,000 sds - \$77.15

Salmon - Crop failure. As a substitute, we suggest 21st Century Pink (enhanced).

TWINKLE DWARF STAR MIXTURE - 3622

7 in. - 15,500 S. Big trusses of star-shaped flowers in a beautiful color range, both solid and bicolors are lavishly produced on dwarf, compact plants. Blooms very early in flats and continues will into the summer.

Each of the above: (30A9)	500 sds - \$6.90
1,000 sds - \$9.35	2,000 sds - \$13.40
5,000 sds - \$24.40	10,000 sds - \$40.30

PHYSOSTEGIA

Obedient Plant, False Dragonhead

16,000 sds/oz 65°-70° 2 weeks

For best germination, alternate day and night temperatures. Trumpet-like flowers on nice strong stems. Ideal for borders and cutflowers. Blooms July-September.

CRYSTAL PEAK WHITE - 6601

Perennial. 16 in. - 10,000 S. P. virginiana. A dense, well branched habit produces a multitude of bright white flower spikes that do not fade or brown as they age. Excellent for mass plantings, or used as a filler in mixed combination planters. Zones: 4-9

50 sds - \$8.65	100 sds - \$15.20
250 sds - \$28.75	500 sds - \$44.65
1,000 sds - \$77.15	(26C9)

VIRGINIANA ALBA - 6133

☞ **Perennial.** 24 in. - 11,000 S. P. virginiana. Snow. Pure white flowers. Zones: 2-9

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

VIRGINIANA ROSE - 6132

☞ **Perennial.** 24 in. - 14,000 S. P. virginiana. Rose-pink flowers. Zones: 2-9

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

PHYSALIS

Chinese Lantern

16,000 sds/oz 65° 12-18 days

Light will help germination. Blooms July-September the same year sown. Nice cutflower, fresh or dried. Attractive lantern-like fruits with star shaped flowers.

FRANCHETTII - 6131

☞ **Perennial.** 24 in. - 19,800 S. Unique orange-red calyx that resemble illuminated lanterns. Great for fall floral arrangements. Zones: 5-8

Each of the above: (30A9)	500 sds - \$6.90
1,000 sds - \$9.35	2,000 sds - \$13.40
5,000 sds - \$24.40	10,000 sds - \$40.30

PLATYCODON

Tufted Harebell or Balloon Flower

28,000 sds/oz 65°-70° 10 days

Light will help germination. A showy plant with balloon-shaped flower buds that open into 3 in. cupped flowers with 5 pointed lobes. Nice cutflower. Will bloom June-August the same year sown.

ASTRA SERIES

Perennial. 8 in. - 25,000-31,500 S. (F-1 Hybrid). Long lasting 2-3 inch blooms with thick, durable petals. Zones: 3-8

Blue - 6315

Pink - 6670

Semi-double Blue - 6672

Semi-double Pink - 6674

Semi-double White - 6669

White - 6671

Mixture - 6673

All colors in the series, including the single and semi-doubles.

Each of the above: (26C9)	50 sds - \$8.65
100 sds - \$15.20	250 sds - \$28.75
500 sds - \$44.65	1,000 sds - \$77.15

DWARF MARIESI BLUE - 6138

Perennial. 16 in. - 29,000 S. Large, rich blue bell-shaped flowers. Zones: 3-8

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

GRANDIFLORA

☞ **Perennial.** 24 in. - 26,000 - 42,000 S. P. grandiflora. Large, single flowers on long graceful stems.

Blue - 6135 ☞

Shell Pink - 6139 ☞

Each of the above: (30D9)	500 sds - \$8.80
1,000 sds - \$14.75	2,000 sds - \$23.30
5,000 sds - \$46.55	10,000 sds - \$79.90

SENTIMENTAL BLUE - 6116

Perennial. 8 in. - 35,000 S. (F-1 Hybrid).

Large blue flowers on compact, uniform plants. Zones: 3-8

100 sds - \$9.40	200 sds - \$17.10
500 sds - \$31.10	1,000 sds - \$51.50
2,000 sds - \$95.20	(28F9)

PLECTRANTHUS

46,400 sds/oz 68-74° 6-9 days

SILVER CREST - 3629



24-30 in. - 86,000-114,000 S. *P. argentatus*. Well branched with trailing habit. Silver, fuzzy-textured foliage. Smaller leaves with bluish white flowers bloom earlier than Silver Shield. Grows in full sun to full shade. Great to use in mixed containers. Weeks to finish: 12.

SILVER SHIELD (PELLETED) - 3625PE



24-30 in. - 25,500 S. *P. argentatus*. Robust plants with upright, spreading habit and silver-gray leaves add texture to any planting. Stress tolerant and vigorous, featuring long, graceful flower spikes with small pale blue florets.

Each of the above: (25F9) 25 sds - \$9.90
50 sds - \$18.65 100 sds - \$28.25
250 sds - \$57.13 500 sds - \$97.50

POLEMONIUM

Jacob's Ladder, Greek Valerian

16,500 sds/oz 65°-70° 20 days

Strong growing, clump forming habit with ladder like branching.

BLUE WHIRL - 6162

① **Perennial**. 12 in. - 25,000 S. *P. viscosum*. Compact growing with uniform habit. Nice foliage rosettes and loose flower clusters on short-stemmed spikes. Ideal for pots or border plant. Will flower the first year. Zones: 5

250 sds - \$6.90 500 sds - \$11.20
1,000 sds - \$16.20 2,000 sds - \$26.40
5,000 sds - \$52.90 (29A9)

CAERULEUM BLUE - 6142

⊗ **Perennial**. 24 in. - 26,000 S. Large clusters of lavender-blue flowers with fern-like feathery foliage that blooms all season. Ideal as a cut flower or border plant. Will start to flower about 90 days after seeding. Blooms May-August. Zones: 3-8

500 sds - \$6.90 1,000 sds - \$9.35
2,000 sds - \$13.40 5,000 sds - \$24.40
10,000 sds - \$40.30 (30A9)

POLEMONIUM (continued)

HEAVENLY HABIT - 6191

Perennial. 10 in. - 25,000 S. *P. haydenii*. Sky blue flowers with yellow throat.

100 sds - \$7.70 200 sds - \$12.90
500 sds - \$22.55 1,000 sds - \$36.50
2,000 sds - \$66.40 (28C9)

POPPY

Papaver

175,000 sds/oz 70° 10 days

After sowing seeds, do not cover with media, place flat in a dark area and maintain 70° soil temperature. Cover seed flat with glass and place in dark area. Cup shaped 3-4 in. flowers with 4 broad crepe-like petals borne on stout stems held above the lobed hairy foliage. Blooms May - July the same year sown. Nice cutflower. Will repel aphids in the garden.

ALPINE POPPY - 6149

Perennial. 10 in. - 192,000 S. A dwarf plant, 10 in. high with white, yellow-orange fragrant flowers, nearly stemless.

Zones: 4-7
1,000 sds - \$6.90 2,000 sds - \$9.90
5,000 sds - \$17.55 10,000 sds - \$28.60
25,000 sds - \$58.90 (31B9)

CHAMPAGNE BUBBLES SERIES

12 in. - 165,000 S. (F-1 Hybrid). *P. nudicaule*. (Iceland Poppy). Flowers 2-3 times the size of regular strains that are produced over a much longer period of time. ENHANCED SEED for improved and more uniform germination.

Citrus Mixture - 3442EN

Mixture of orange, white and yellow.

Mixture - 3631EN

A mixture of orange, pink, scarlet, white and yellow, all with pale yellow centers.

Each of the above: (29C9) 250 sds - \$9.25
500 sds - \$16.60 1,000 sds - \$25.35
2,000 sds - \$43.20 5,000 sds - \$89.75

GARDEN GNOME - 6179

⊗ ① **Perennial**. 12-24 in. - 260,000 S. *P. nudicaule*. A blend of bright orange, red, yellow and white single flowers on long wiry stems. Smooth blue-green lobed foliage rosettes. Zones: 2-6

100 sds - \$6.90 200 sds - \$11.60
500 sds - \$19.70 1,000 sds - \$31.50
2,000 sds - \$56.80 (28B9)

SAN REMO MIXTURE - 3637

⊗ 24 in. - 165,000 S. *Papaver nudicaule*. (Iceland Poppy). Extra large flowered Iceland Poppy with long, strong stems. Ideal for bedding or as a cut flower. A breeder's blend of solid and bicolor flowers.

1,000 sds - \$7.60 2,000 sds - \$11.80
5,000 sds - \$21.85 10,000 sds - \$36.60
25,000 sds - \$77.10 (31C9)

POPPY, ORIENTALE

125,000 sds/oz

Makes colorful beds and borders.

BEAUTY OF LIVERMERE - 6145

Perennial. 36 in. - 150,000 S. Dark oxblood red. Zones: 2-7

BRILLIANT - 6147

⊗ **Perennial**. 36 in. - 105,000 S. Vivid fiery scarlet. Zones: 2-7

Each of the above: (31A9) 1,000 sds - \$6.90
2,000 sds - \$8.20 5,000 sds - \$13.25
10,000 sds - \$20.60 25,000 sds - \$40.85

CARNEUM - 6158

⊗ **Perennial**. 40 in. - 104,000 S. Stunning salmon-pink blooms are a highlight in a cottage garden at midsummer but equally at home teamed with grasses and other plants for a more contemporary look. Slightly lighter shade than Princess Victoria Louise. Handsome green leaves make a solid clump when the plant is not in flower and add texture and interest. Zones: 4

500 sds - \$7.90 1,000 sds - \$12.90
2,000 sds - \$19.95 5,000 sds - \$39.15
10,000 sds - \$66.80 (30C9)

PRINCE OF ORANGE - 6146

Perennial. 36 in. - 93,500 S. Orange scarlet. Zones: 2-7

1,000 sds - \$6.90 2,000 sds - \$8.20
5,000 sds - \$13.25 10,000 sds - \$20.60
25,000 sds - \$40.85 (31A9)

PRINCESS VICTORIA LOUISE - 6148

Perennial. 36 in. - 104,000 S. Salmon-red. Zones: 2-7

500 sds - \$7.90 1,000 sds - \$12.90
2,000 sds - \$19.95 5,000 sds - \$39.15
10,000 sds - \$66.80 (30C9)

ALLEGRO

Crop failure. As a substitute, we suggest Brilliant.

PORTULACA

Purslane

280,000 sds/oz 70°-75° 4-8 days

After sowing, do not cover seed with media. Easily direct seeded.

EXTRA DOUBLE MIXTURE - 3655

6 in. - 250,000 S. An excellent quality strain producing huge flowers in a wide range of many brilliant colors. An originator's strain producing 100% double flowers. (34A9)

5,000 sds - \$7.70 10,000 sds - \$11.10
25,000 sds - \$20.45
50,000 sds - \$36.70

PORTULACA (continued on next page)

**30% Discount Off
your Seed Orders
of \$500 or more when
booked by Oct 31st!**

PORTULACA (continued)

HAPPY HOUR MIXTURE (MULTI-SEED) - 3449MP

8-10 in. - Stunning, vivid colors with fuller habit and large, semi-double blooms are perfect for those sunny spots in your garden. Bred for reduced daylength sensitivity. Drought tolerant. Includes Banana, Coconut, Deep Red, Fuchsia, Lemon, Orange, Rosita and Scarlet (not sold separately). MULTI-SEED PELLETT contains 5-6 seeds per pellet.

HAPPY TRAILS SERIES

6-9 in. - TRAILING. Big, semi-double flowers in intense, vivid colors. Excellent garden performer is great for hot, dry, full sun conditions. MULTI-SEED PELLETT contains 5-6 seeds per pellet.

Deep Red - 3464MP

Fuchsia - 3465MP

Orange - 3472MP

Peppermint - 3473MP

Pink - 3466MP

Rosita - 3467MP

White - 3469MP

Yellow - 3470MP

Mixture - 3471MP

A formula mixture of Deep Red, Fuchsia, Orange, Peppermint, Pink, Rosita, White and Yellow.

Tropical Mixture - 3468MP

Mixture of Deep Red, Orange and Yellow.

Each of the above: (28E9) 100 sds - \$8.85
 200 sds - \$15.75 500 sds - \$28.25
 1,000 sds - \$46.50 2,000 sds - \$85.60

SUNDIAL SERIES-MULTI-SEED

4 in. - (F-1 Hybrid). Very early to flower with compact growth habit. Outstanding garden performance. MULTI-SEED PELLETT contains 5-6 seeds per pellet.

Cream - 3659MP

Fuchsia - 3660MP

Gold - 3654MP

Orange - 3661MP

Peppermint - 3653MP

Pink - 3662MP

Scarlet - 3663MP

Mixture - 3666MP

A blend of Chiffon, Cream, Fuchsia, Gold, Mango, Orange, Peach, Peppermint, Pink, Princess Pink, Scarlet, Tangerine, White and Yellow.

Each of the above: (28D9) 100 sds - \$8.25
 200 sds - \$14.35 500 sds - \$25.40
 1,000 sds - \$41.50 2,000 sds - \$76.00

All Seed orders are shipped the same day received - most within 4 hours!

PORTULACA (continued)

SUNDIAL SERIES-RAW SEED

4 in. - 211,500-248,500 S. (F-1 Hybrid). Very early to flower with compact growth habit. Outstanding garden performance. RAW SEED.

Fuchsia - 3660

Mango - 3668

Orange - 3661

Peppermint - 3653

Yellow - 3665

Mixture - 3666

A blend of Chiffon, Cream, Fuchsia, Gold, Mango, Orange, Peach, Peppermint, Pink, Princess Pink, Scarlet, Tangerine, White and Yellow.

Each of the above: (30C9) 500 sds - \$7.90
 1,000 sds - \$12.90 2,000 sds - \$19.95
 5,000 sds - \$39.15 10,000 sds - \$66.80

POTENTILLA

Cinquefoil, Five Finger

75,000 sds/oz 65°-70° 2 weeks

Does well in almost any garden soil. Attractive strawberry-like foliage. Will attract hummingbirds and songbirds all season.

FIREBALL MIXED - 6739

Perennial. 36 in. - 57,000 S. P. atrosanguinea. This blend features some unique and exciting doubles, in a range of fiery colors. Will grow in any ordinary, well drained soil in full sun. Zones: 5-8

100 sds - \$6.90 200 sds - \$11.60
 500 sds - \$19.70 1,000 sds - \$31.50
 2,000 sds - \$56.80 (28B9)

PRIMULA

60°-65° 3 weeks

Sow seed on a light, well drained soil mix. Do not cover seed with media. Maintain soil temperature and keep surface moist. After sowing seed, cover lightly with vermiculite. Light will help germination. Refrigerate seed for 7 days before sowing. Will flower the same year from sowing. Does well in the shade.

SUPERNOVA SERIES

Perennial. 8 in. - 29,000 - 41,000 S. (F-1 Hybrid). Fabulous early spring color. Deep green leaves forms rosettes with extra large 2 in. blooms on multiple flower stems. A vigorous grower with a long bloom times. It has better disease resistance and tolerance to a wider range of temperatures. Great for container plantings. Zones: 5

Blue - 6716

Pink - 6717

Red - 6718

Yellow - 6720

Mixture - 6719

A formula mixture of Blue, Cream, Fire, Golden Yellow, Pink, Purple Bicolor, Red, Rose Bicolor, White and Yellow.

Each of the above: (26D9) 50 sds - \$9.35
 100 sds - \$16.90 250 sds - \$32.60
 500 sds - \$50.90 1,000 sds - \$88.40

PRITZELAGO

Chamois Cress (Crystal Carpet). 68°

Rapidly germinating, keep seed in constant moisture (not wet). Seeds must be covered thinly. Do not cover very small seeds, but tightly press into the earth. Keep in cooler conditions after germination orlor,

ICECUBE - 6724



Perennial. 2-4 in. - 100,000 S. Hutchinsia alpina. Low growing mat-forming evergreen that forms a nice solid tufted clump with small pinnate fresh green leaves that look good all year round, even in winter. In spring it bears cluster of small white flowers. The flowers are slightly fragrant. As flowers fade, the flowering stem elongates and new flowers are formed on the same stem. Perfect to use in rock gardens, as a border plant and between stones. Zones: 4-9

100 sds - \$6.90 200 sds - \$11.60
 500 sds - \$19.70 1,000 sds - \$31.50
 2,000 sds - \$56.80 (28B9)

PTILOTUS

26,000 sds/oz 76°-80° 12-14 weeks

Sow one seed per cell in a well-drained media with a pH between 5.5 and 6.5. Germinates in 5-7 days. Do not saturate and maintain moderate soil moisture levels.

JOEY (ENHANCED) - 3627EN



14-18 in. - 26,000 S. P. exaltatus. Luminous, silver green foliage is topped by large conical spikes of feathery flowers. The 3-5 in. bottlebrush flower spikes start out a glistening silver and gradually darken to a neon pink color near the tips. Light intensity will affect the overall height. Perfect for mixed containers and landscaping. ENHANCED SEED for better and more uniform germination.

10 sds - \$7.90 25 sds - \$14.90
 50 sds - \$24.65 100 sds - \$38.30
 250 sds - \$84.45 (24D9)

PYRETHRUM ROSEUM

Painted Daisy

18,000 sds/oz 60°-70° 2-3 weeks

Darkness will help germination. Beautiful 2-3 in. flowers with fern-like leaves. Excellent cutflower. Blooms May-September. Will flower the first year from seed.

ROBINSON DARK CRIMSON - 6209

☞ ① **Perennial.** 18-24 in. - 9,000 S. Large, vibrant, crimson red daisies with bright yellow centers. Ideal for cottage gardens, mixed borders and make pretty long-lasting cut flowers. Will flower the first year from seed. Zones: 3-7

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

ROBINSON SINGLE MIXTURE - 6211

☞ ① **Perennial.** 18-24 in. - 15,000 S. Long stiff stems. A well balanced formula blend. Will flower the first year from seed. Zones: 3-7

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

ROBINSON ROSEUM

Discontinued. As a substitute, we suggest Robinson Dark Crimson.

QUINOA, ORNAMENTAL

BRIGHTEST BRILLIANT RAINBOW - 1131

24 in. - 9,500 S. 90-120 days. Selected for its vivid display of colorful seed heads, this ancient plant is a delicious and nutritious edible green and grain. The leaves are thick and succulent with a salty, savory flavor similar to spinach. The tiny grain is nutty, delicious and packed with protein. It's a practical and striking addition to ornamental beds, adding dazzling shades of fuchsia, burgundy, lime green, cream, orange and yellow. If planting for greens, sow seeds 1 in. apart and harvest entire plant when it reaches 6-8 in. tall. For grain production and enjoying selected leaves throughout the season, space plants 12-14 in. apart. Bloom in late summer to autumn. Organically grown seed.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

RANUNCULUS

42,000 sds/oz 55°-60° 25 days

For the best germination; refrigerate seed for 5 days before sowing. After the cotyledons have expanded, increase temperature to 64° days. Temperatures can be reduced after transplant. August/Sept sowings for March/April sales.

BLOOMINGDALE II MIXTURE (PELLETED) - 6213PE

Perennial. 10-14 in. - (F-1 Hybrid).

A stunning mixture of brilliant clear colors. Early and uniform flowering. Compact habit is ideal in 4 in. pots, quarts, gallons and mixed containers.

50 sds - \$11.50	100 sds - \$22.10
250 sds - \$43.95	500 sds - \$69.65
1,000 sds - \$122.15	(26G9)

RATIBIDA, COLUMNIFERA

Mexican Hat, Prairie Coneflower

45,000 sds/oz 65°-70° 14 days

RED MIDGET - 6523

☞ **Perennial.** 15 in. - 56,000 S. Dwarf, compact branching habit with festive copper-red flowers and yellow edged petals. Good for dried flowers. Attracts butterflies. Zones: 3-10

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

YELLOW - 6214

Perennial. 24-42 in. - 45,000 S. A well branched plant with long leafless stalks bearing sombrero-shaped yellow flower heads. The flowers central brown disk protrudes above the drooping petals. Leaves on the lower portion of the stem are feathery and deeply cleft.

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)

RHODOCHITON

100,000 sds/oz 70° 5-7 days

PURPLE BELLS - 3690

Climber. 120 in. - 95,000 S.

R. atrosanguineus. Masses of bell-shaped, tubular maroon-purple flowers with deep purple corollas. Free-flowering and vigorous climbing vine growing 8-10 feet. Ideal as a climbing vine or in hanging baskets.

A tender perennial in many areas that will need protection to winter over.

Weeks to flower: 16.

50 sds - \$12.20	100 sds - \$23.85
250 sds - \$47.85	500 sds -
\$75.90	1,000 sds - \$133.40
(26H9)	

RICINUS

Castor Bean

50-90 sds/oz 70° 2-3 weeks

A unique full sun annual used for specimen plants or as an exotic hedge. Grown primarily for the eye catching foliage than flowers. The plants will bloom June-October. CAUTION: SEEDS AND PARTS OF THE PLANT CAN BE POISONOUS, KEEP AWAY FROM CHILDREN OR PETS.

CRIMSON SPIRE - 3698

☞ 60 in. - 60 S. Blood-red stems. Large green leaves with deep red veins.

50 sds - \$9.90	100 sds - \$18.65
250 sds - \$36.40	500 sds - \$57.15
1,000 sds - \$99.65	(26E9)

RICINUS (continued)

CARMENCITA SERIES

☞ 60 in. - 65-90 S. Fast growing, tall and dramatic with huge leaves and interesting flower spikes that add drama to borders and beds. The palmate leaves have deeply incised lobes and grow to 12-30 in. across. Remarkably architectural and can be used very effectively in the center of island beds or at the back of the border.

Bright Red - 3695 ☞

Dark brown leaves. The bright red flower buds and seedpods appear early.

Pink - 3696 ☞

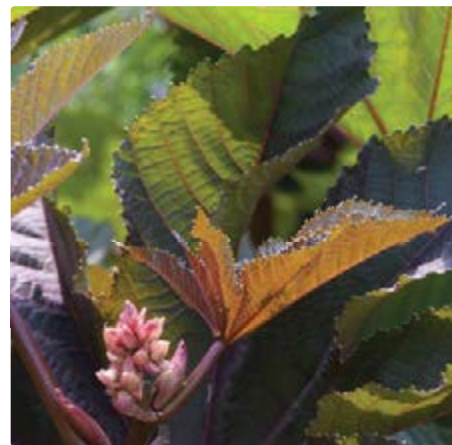
Dark green foliage with red stems that have a silver shine. An added attraction is the attractive pink fruit.

Mixture - 3697 ☞

A blend of the above varieties.

Each of the above: (25D9)	25 sds - \$9.35
50 sds - \$16.90	100 sds - \$25.40
250 sds - \$50.90	500 sds - \$86.50

RED GIANT - 3683



36 in. - 130 S. R. communis. Brighter red leaves and seed heads than many other forms. Deep red-bronze shiny leaves only produce their strongest color when in full sun and as it matures. This absolutely stunning plant will in time grow into a tree in warmer countries. Please note that these seeds are extremely poisonous if eaten.

50 sds - \$9.35	100 sds - \$16.90
250 sds - \$32.60	500 sds - \$50.90
1,000 sds - \$88.40	(26D9)

ZANZIBARIENSIS MIXTURE - 3699

☞ 60 in. - 80 S. Bright green foliage, various colors and variations.

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

30% Discount Off your Seed Orders
of \$500 or more when booked by Oct 31st!
PLUS! 30% off future orders of \$250 or more until June!

RUDBECKIA, HIRTA

AUTUMN COLORS - 3676

☞ 20-24 in. - 37,000 S. Vivid fall colors for a delightful addition to autumn mixed bouquets. Large, 5-6 inch blooms in shades of red, gold and bronze all with the classic black-eye. A vigorous grower, it is well suited for use as a classic landscape plant. Weeks to flower: 14-16.

100 sds - \$8.85	200 sds - \$15.75
500 sds - \$28.25	1,000 sds - \$46.50
2,000 sds - \$85.60	(28E9)

CHEROKEE SUNSET - 3178

☞ 24-30 in. - 45,000 S. (All America Winner - 2002). A blend of sunset colors - golden yellow, orange, bronze and mahogany shades on double to semi-double 4 in. flowers. Outstanding branching habit and garden performance. Ideal as a cut flower. Zones: 5-9

100 sds - \$8.25	200 sds - \$14.35
500 sds - \$25.40	1,000 sds - \$41.50
2,000 sds - \$76.00	(28D9)

CHERRY BRANDY - 3628

☞ 20 in. - 48,000 S. A stunning, unique color of red shades. Masses of single flowers from bright sanguine red to bicolors with deep red centers. Heat tolerant. Beautiful in borders and beds. Flowers late June to the first frost. A must have variety for the garden.

50 sds - \$9.35	100 sds - \$16.90
250 sds - \$32.60	500 sds - \$50.90
1,000 sds - \$88.40	(26D9)

CHIM CHIMINEE - 3967

☞ 20 in. - 40,000 S. Quilled flower petals in a range of gorgeous autumn colors.

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

DENVER DAISY - 3983

☞ 22-26 in. - 30,750 S. Abundant 6-8 in. golden flowers with a distinct ring surround the dark eye drawing attention to mass plantings or single plants alike. Named after the mile high city, it will add height in the landscape for high visibility. Requires minimal maintenance it will thrive in the heat and has few pests making it a natural for large commercial landscapes.

100 sds - \$8.85	200 sds - \$15.75
500 sds - \$28.25	1,000 sds - \$46.50
2,000 sds - \$85.60	(28E9)

RUDBECKIA, HIRTA (continued)

GOLDILOCKS - 3646

☞ 24-28 in. - 62,500 S. Beautiful 3-4 in. bright golden-orange daisy-like flowers are mostly double, with some semi-double flowered. Weeks to flower: 14-16. Zones: 5-9

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

HIRTA - 3669

☞ 24 in. - 89,000 S. Bright yellow flowers that will bloom the first year from summer to frost.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

INDIAN SUMMER - 3707

☞ 36-42 in. - 42,000 S. (All America Winner - 1995). (ASCFG Fresh Cut Flower of the Year). Large, golden-yellow 6-9 in. semi-double and single blooms. Outstanding base-branching habit that does not require staking. Outstanding garden performance and use as a cut flower. Weeks to flower: 10-12. Zones: 5-9

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

IRISH EYES - 3685

☞ 24-30 in. - 55,500 S. Large single, golden yellow flowers have an emerald green center. A profuse bloomer.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

MAYA - 3684

18-20 in. - 47,000 S. Compact, pot type variety producing an abundance of fully double 4 in. golden yellow flowers. Weeks to flower: 13-15. Zones: 5-9

100 sds - \$9.40	200 sds - \$17.10
500 sds - \$31.10	1,000 sds - \$51.50
2,000 sds - \$95.20	(28F9)

PRAIRIE SUN - 3682

☞ 28-32 in. - 38,000 S. (All America Winner - 2003). Sturdy habit, beautiful 6-8 in. single, two-toned light yellow and golden yellow petals with a green eye. The contrasting eye brightens up the entire plant. Weeks to flower: 15-17. Zones: 5-9

100 sds - \$10.55	200 sds - \$19.90
500 sds - \$36.80	1,000 sds - \$61.50
2,000 sds - \$114.40	(28H9)

RUDBECKIA, HIRTA (continued)

SONORA - 3703

18-20 in. - 37,500 S. Beautiful 5-6 in. golden petals with large deep mahogany ring, which provides a striking yellow-brown contrast. Foliage is bushy and dark green. Ideal for pots or packs. Weeks to flower: 13-15. Zones: 5-9

100 sds - \$8.85	200 sds - \$15.75
500 sds - \$28.25	1,000 sds - \$46.50
2,000 sds - \$85.60	(28E9)

TOTO SERIES

12-15 in. - 64,000 S. Compact, well branched, early flowering series. Beautiful single 2-3 in. round flowers. Ideal for 4-5 in. pot production. Thriving in full sun, these varieties are weather and heat tolerant for summer long performance. Weeks to flower: 12-14.

Gold - 3704 ☞ Golden-yellow.

Lemon - 3687 ☞ Light yellow.

Rustic - 3686 ☞ Yellow bronze petals with red ring.

Mixture - 3681 ☞

Each of the above: (28B9)	100 sds - \$6.90
	200 sds - \$11.60
	500 sds - \$19.70
	1,000 sds - \$31.50
	2,000 sds - \$56.80

Also see listing of *Echinacea* and *Rudbeckia, hirta*

RUDBECKIA

30,000 sds/oz 70°-75° 20 days

These varieties requires special treatment for satisfactory germination. Before sowing, freeze seed for 5 days, refrigerate for 5 more days. Sow seed and maintain 70° day temperature, 60° nights. Do not use bottom heat as seed will rot! Nice cutflower. Will attract butterflies all season. Flowers July-September.

GOLDSTURM (ENHANCED) - 6220EN

☞ Perennial. 24-36 in. - 30,500 S. (Perennial Plant of the Year). *R. fulgida*. 4 in. golden flowers with dark disks. Will flower August to September. ENHANCED SEED for improved and more uniform germination. Zones: 3-9

GREEN WIZARD - 6481

☞ Perennial. 48-60 in. - 15,000 S. *R. occidentalis*. Extraordinary and unusual plant. Dark black cones, bright green sepals and no petals! Interesting cut or dried flower. Novel addition to the perennial border. Zones: 3-9

Each of the above: (28B9)	100 sds - \$6.90
	200 sds - \$11.60
	500 sds - \$19.70
	1,000 sds - \$31.50
	2,000 sds - \$56.80



Autumn Colors



Denver Daisy



Irish Eyes



Toto Mix

RUDBECKIA, (continued)

TRILOBA (BROWN-EYED SUSAN) - 6482

☞ ① **Perennial.** 24-60 in. - 28,000 S. (Brown-eyed Susan). Outstanding bloom power for 2 months or longer! Sprays of showy yellow flowers with jet black centers that fade to brown. Vigorous plants produce masses of stems for cutting. Perfect addition to any bouquet. Blooms late August to frost first year, July to frost second year. Hardy biennial that may be grown as an annual. Zones: 4-7

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

RUELLIA

SOUTHERN STAR SERIES

Sorry, no longer available.

SAGINA

Irish Moss

70° 14 days

SUBULATA (IRISH MOSS) - 6266

Perennial. 4 in. - 1,428,500 S. (Formerly *Spergula pilifera*). Evergreen creeper, densely tufted, covering the ground like a sheet of moss. White flowers on slender stems. Excellent for rock walls. Will flower June to September. Zones: 4-7

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

SALPIGLOSSIS

Painted Tongue

125,000 sds/oz 70°-75° 2 weeks

Sow seeds on sterilized media and do not cover with soil. Place seed flat in a dark area and maintain 70° soil temperature.

GRANDIFLORA FINEST MIXTURE - 3710

☞ 36 in. - 125,000 S. A breeder's blend of many beautiful and rich colors. (34A9)

5,000 sds - \$7.70	10,000 sds - \$11.10
25,000 sds - \$20.45	50,000 sds - \$36.70

SALVIA

70° -75° 12-18 days

For the best germination, sow seed on sterilized media and do not cover with soil. Light will help germination. Maintain soil temperature of 70°-75° and an even moisture level on the surface. NOTE: *Salvia* does not tolerate cool night temperatures, maintain at least 55°-60°. NEVER treat *Salvia* with any chemicals containing methyl bromide and high levels of salt in the soil

BIG BLUE - 3779

24-36 in. - 17,000 S. *S. longispicata*. Delivers just what the name implies-a low maintenance variety with great vigour and bright blue color. This clear blue color continues without flushing from mid to late July until frost. Super easy and super showy for both landscapers and home gardeners for their back of border plantings. Heat and drought tolerant and requires no deadheading to continue to be free-flowering. Attracts hummingbirds, bees, butterflies and more. Weeks to flower: 8-13.

10 sds - \$6.90	25 sds - \$12.20
50 sds - \$19.70	100 sds - \$30.20
250 sds - \$65.70	(24A9)

SALVIA (continued)

BLUE BEDDER - 3765

☞ 36 in. - 19,000 S. *S. farinacea*. Deep blue flowers on long, graceful stems for cutting. Very effective in mass plantings.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

CORAL NYMPH - 6249

☞ 16 in. - 28,000 S. *S. coccinea*. (Texas Sage). Coral-salmon and white bicolor flowers. Zones: 7-9

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

EVOLUTION DEEP VIOLET - 3480

16-24 in. - 27,000 S. (All America Winner - 2006). *S. farinacea*. Deep violet flowers on deep green foliage. More compact, well branched with an increased number of flower spikes. Weeks to flower: 12-14.

EVOLUTION WHITE - 3478

16-24 in. - 22,000 S. *S. farinacea*. Silvery-white flowers. More compact, well branched with an increased number of flower spikes. Weeks to flower: 12-14.

FAIRY QUEEN - 3884

18 in. - 21,000 S. *S. farinacea*. Unique bicolor type with dense blue flower spikes and a small white spot on each blue flower, creating the illusion of fairy dust. Excellent performance throughout the summer until first frost.

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

LADY IN RED - 3743

☞ 12-14 in. - 21,000 S. *S. coccinea*. (All America Winner - 1992). (Texas Sage). Bright red trumpet-shaped blooms. Fuzzy and shaped like elongated hearts, the dark green leaves are heavily veined and have serrated edges. The fragrant foliage contrasts dramatically with the long blooming flowers. Zones: 7-9

250 sds - \$10.40	500 sds - \$19.30
1,000 sds - \$29.90	2,000 sds - \$51.60
5,000 sds - \$108.15	(29D9)

MERLEAU SERIES

① **Perennial.** 12-15 in. - 29,000 S. *S. superba*. An erect, clump forming habit noted for its compact, evenly branched form and its long summer bloom. Use as a border front, beds or containers. Will tolerate drought, deer and rabbits. Flowers will attract bees and butterflies. Weeks to flower: 12-14. Zones: 4

Blue - 6791 ① Deep-violet blue.

Blue Compact - 6796 ①

Rose - 6792 ① Rose-pink.

White - 6793 ①

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

SALVIA (continued)

NEW DIMENSION SERIES

☞ ① **Perennial.** 8-10 in. - 31,000 S. *S. nemorosa*. Economical and easy to produce creates large, compact and well branched plants topped by strong colored flowers on deep purple stems that are long lasting in the landscape. Leaves are aromatic when brushed against. Perfect for the front of the border, edging or containers. Long blooming, and as a bonus, a quick shearing after blooming will bring fall re-bloom. A real heat lover. Rabbit and deer resistant, attracts butterflies, birds and beneficial for bees. Good for beginner gardeners. Zones: 5-7

Blue - 6795 ☞ ①

Blue-violet.

Rose - 6794 ☞ ①

Deep rose.

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

OXFORD BLUE - 3778

☞ 24 in. - 11,000 S. *S. horminum*. (Annual Clary). Lustrous, gentian blue blooms on neat, compact plants have large, long leaves that are oval to triangular in shape, lightly hairy and bright green with toothed margins. Use as a path edging, border, groundcover or container plant.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

PATENS (BLUE) - 6221

☞ ① **Perennial.** 30 in. - 3,500 S. *S. patens*. Large, bright blue flowers.

100 sds - \$9.40	200 sds - \$17.10
500 sds - \$31.10	1,000 sds - \$51.50
2,000 sds - \$95.20	(28F9)

PATIO SERIES

Perennial. 12 in. - 3,400 S. *S. patens*. Compact plants with soft green triangular foliage and spikes of unique blue shades with wide open mouths. Heat tolerant. Zones: 8-9

Deep Blue - 6788

Sky Blue - 6789

Each of the above: (25B9)	25 sds - \$7.90
50 sds - \$13.50	100 sds - \$19.70
250 sds - \$38.40	500 sds - \$64.50

PINK SUNDAY - 3775

☞ 24 in. - 9,500 S. *S. horminum*. (Formally Pink Sundae). (Annual Clary). Small pink flowers with rose-pink bracts.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

PURPLE VOLCANO

Sorry, no longer available.

SALVIA (continued on next page.)

SALVIA (continued)

QUEEN SERIES

① **Perennial.** 20,000-25,000 S. S. x superba (S. nemorosa). Clump forming habit, with fragrant foliage and masses of pencil thin flower spikes, so densely set that they present a solid wall of color in any border. Not fussy about soil, it flourishes in blazing sun, tolerating drought and often reblooms. Zones: 4-9

Dwarf Blue - 6245 ① 12 in. Vibrant violet-blue.

250 sds - \$10.40	500 sds - \$19.30
1,000 sds - \$29.90	2,000 sds - \$51.60
5,000 sds - \$108.15	(29D9)

Rose - 6233 ① 24 in. Rosy-pink.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

RHEA - 3767

14 in. - 31,000 S. S. farinacea. A mini version of Victoria. Deep blue spikes on uniform plants that will flower July through the Summer.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

SALVATORE BLUE - 6246

* **New for 2019 Perennial.** 10-12 in. - S. nemorosa. Tallest spikes and the deepest blue color with black stems. Extremely vigorous which means better suited for gallons. Weeks to flower: 9-12. Zones: 4-8

100 sds - \$9.40	200 sds - \$17.10
500 sds - \$31.10	1,000 sds - \$51.50
2,000 sds - \$95.20	(28F9)

SCARLEA (CLARY SAGE) - 3755

⊗ 36 in. - 6,000 S. S. coccinea. An attractive biennial or short-lived perennial which forms a basal rosette of strongly scented, wrinkled, gray-green leaves. In late spring, the very showy inflorescence of tubular, two-lipped, creamy white to lilac flowers opens well above the foliage. Although the flowers are quite small, they are subtended by papery, mauve-pink bracts that attract attention. Adding a cottage flavor to the garden, this sage thrives on neglect and always creates real drama when in peak bloom. Very useful and adaptable in the garden. Zones: 3-9

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

SCARLET SAGE - 6230

⊗ 30 in. - 18,500 S. S. coccinea. (Texas Sage). Large, bright scarlet spikes. Zones: 7-9

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

SNOW NYMPH - 6250

⊗ 16 in. - 18,500 S. S. coccinea. (Texas Sage). Pure white flowers. Zones: 7-9

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

SALVIA (continued)

STRATA - 3766

⊗ 12 in. - 28,000 S. S. farinacea. (All America Winner - 1996). A unique, bicolor species. The silver flower spikes carrying small single clear blue flowers with a white calyx. Will bloom from May to frost and can take full sun.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

SUMMER JEWEL SERIES

20 in. - 18,000 S. S. coccinea. Dwarf sized, compact plants have a prolific bloom count throughout the growing season. As a bonus, the blooms appear almost two weeks earlier than other salvias in this class. Leaves add beauty with their finer-textured, dark-green color. Of course, the hummingbirds love pink, just as much as they do red! Growers will appreciate the earliness, excellent pack habit performance and uniformity. Weeks to flower: 7-8.

Lavender - 3751 (All America Winner - 2016).

Pink - 3737 (All American Winner - 2012).

Red - 3742 (All America Winner - 2011).

White - 3736

Each of the above: (28B9)	100 sds - \$6.90
200 sds - \$11.60	500 sds - \$19.70
1,000 sds - \$31.50	2,000 sds - \$56.80

VICTORIA SERIES

⊗ 18-20 in. - 27,000 S. S. farinacea. Extremely prolific, dense spikes with neat light gray-green foliage. Dwarf, compact plants. Uniform flower spikes. Place all around your garden where they will bloom all summer long. Shade tolerant. Weeks to flower: 12-16.

Blue - 3764 ⊗ Dark blue.

White - 3761 ⊗

Silvery-white.

Each of the above: (30A9)	500 sds - \$6.90
1,000 sds - \$9.35	2,000 sds - \$13.40
5,000 sds - \$24.40	10,000 sds - \$40.30

SALVIA, SPLENDENS

7,500 sds/oz

Will attract hummingbirds all season.

BONFIRE - 3754

26 in. - 9,000 S. Erect habit, bright red flower spikes, green foliage, the old standby. Popular for background plantings. Perfect for tall border for verandas and fences. Very free flowering. Weeks to flower: 10.

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

HOT JAZZ - 3747

17 in. - 9,000 S. (Red Pillar). Tightly packed spikes in great numbers of dazzling scarlet contrasted against glossy deep green foliage. Coming into bloom right after Blaze of Fire. Considered by many as the best all-around Salvia.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

SALVIA, SPLENDENS (continued)

FLARE - 3748

18 in. - 7,000 S. A popular bedding plant that is known for its beautiful bright scarlet spikes that contrast splendidly with the dark green foliage. Like huge, jagged tongues of flame, pierce the landscape with color so intense it almost shimmers. Unbelievable in a mass planting and also grown in those blazing trouble spots where little else has been successful. It is remarkably floriferous over an extra-long season and thives on neglect. Brings bees, butterflies and hummingbirds into the garden by the dozen.

250 sds - \$10.40	500 sds - \$19.30
1,000 sds - \$29.90	2,000 sds - \$51.60
5,000 sds - \$108.15	(29D9)

LIGHTHOUSE PURPLE - 3769

24-30 in. - 8,800 S. Background music does not get lovelier than this. Upright, deep purple spikes with dark to black corollas, planted in the border behind Petunias, Marigolds or other low-growing flowers, become beacons of sense-drenching color. Showy in the garden bed and great for large patio containers. Upright and heat tolerant plants are low-maintenance and high impact.

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

MOJAVE IMPROVED - 3726

14 in. - 7,500 S. True red flowers on deep green broad leaf foliage. New spikes cover the old, giving an intense and prolonged display.

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

RED HOT SALLY - 4771

10 in. - 7,500 S. Deep red blooms form stocky spikes on compact, uniform plants. Excellent garden performance.

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

SENTRY RED - 3727

8-14 in. - 9,000 S. Red flowers in full sun will give you the biggest flower output. Great for beds, along walkways, and in patio containers.

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

ST. JOHNS FIRE - 3744

12 in. - 7,000 S. Dwarf and compact with incandescent flame red blossoms and dark green leaves. Flowers extremely early. Thrives in full sun. Great for borders. The bees, butterflies and hummingbirds love them. Weeks to flower: 10.

500 sds - \$7.90	1,000 sds - \$12.90
2,000 sds - \$19.95	5,000 sds - \$39.15
10,000 sds - \$66.80	(30C9)

SALVIA, SPLENDENS (continued)

VISTA SERIES

12-14 in. - 7,000 S. A new, improved Carabiniere type. For intense color saturation on neat, compact plants that really take the summer heat, this variety is unbeatable. This charmer begins flowering early (before the end of spring in most climates) and continues up to frost, filling the garden and containers with blinding colors. They take off like crazy, setting large toothy green foliage below the 4-5 in. flower spikes. Nice in the vase, its really a bedding extraordinaire, absolutely knockout beautiful in large plantings. Must be deadheaded or cut for new buds to appear. So keep the plant looking fresh and it will repay you with nonstop color from spring through summer and fall. Will attract hummingbirds, butterflies and compliments by the dozen.

- Lavender - 4633** **Purple - 4632**
- Red - 3740** **Red White - 4636**
- Rose - 4638** **Salmon - 4639**
- White - 4634**

Mixture - 4635 A formula mixture.

Each of the above: (29D9)	250 sds - \$10.40
500 sds - \$19.30	1,000 sds - \$29.90
2,000 sds - \$51.60	5,000 sds - \$108.15

SIZZLER MIXTURE - 3725

8,000 S. Very early flowering. The colors are bright and clear on dark green foliage. Flower spikes are held well above the foliage. Day length neutral.

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

SANVITALIA

Creeping Zinnia

29,000 sds/oz 70° 1 week

After sowing, do not cover seeds - needs light to germinate.

GOLD BRAID - 3721

4-6 in. - 54,000 S. Excellent low growing border plant with small yellow flowers and black centers.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

MANDARIN ORANGE - 3722

6 in. - 54,000 S. (All America Winner - 1987). Outstanding variety producing 1 in. double orange flowers with a contrasting dark center, resembling a miniature sunflower. Very versatile in hanging baskets, ground cover or bedding. It loves sun, but accepts partial shade kindly.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

QUEEN OF SUNLIGHT - 3723

*** New for 2019** 10-12 in. - Dark foliage topped with lots of shiny yellow flowers. Compact growth and well branched.

50 sds - \$7.90	100 sds - \$13.50
250 sds - \$24.90	500 sds - \$38.40
1,000 sds - \$65.90	(26B9)

SAPONARIA

Rock Soapwort

5,600 sds/oz 60°-70° 2 weeks

Darkness will help germination. Blooms May-August. Will flower the first year from seed.

BEAUTY SERIES

☼ ① **Perennial.** 24 in. - 6,000 S.

S. vaccaria. Outstanding 3/4 in. single flowers closely resemble Gypsophila, but are larger and unscented. Will flower the first year from seed.

Pink - 6234 ☼ ①

White - 6236 ☼ ①

Each of the above: (31B9)	1,000 sds - \$6.90
2,000 sds - \$9.90	5,000 sds - \$17.55
10,000 sds - \$28.60	25,000 sds - \$58.90

OCYMOIDES - 6235

① **Perennial.** 8 in. - 15,000 S. Trailing habit with rose flowers. Nice groundcover. Will flower the first year from seed. Zones: 2-7

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

SAXIFRAGA

Rockfoil

445,000 sds/oz 65°-70° 2-3 weeks

For the best germination, freeze seed 3-5 days before sowing. Blooms April-July. Nice ground cover.

HIGHLANDER SERIES

Sorry, no longer available.

ROCCO RED (PELLETED) - 6087PE

Perennial. 3-5 in. - S. arebdsii. Spring flowering plant produces masses of bright red blooms. Compact and mounded evergreen plants are low maintenance. Good for rock gardens. More uniform plant size, shorter stems and less color variability than Highland Red. Zones: 4-7

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)



Scabiosa Fata Morgana



Sanvitalia Queen on Sunlight * New for 2019

SCABIOSA, ANNUAL

Pincushion Flower

4,500 sds/oz 70° 10 days

A fine long-stemmed and free-flowering annual for spring greenhouse or outdoor summer cutting. 2-1/2 to 3 ft. tall.

BLACK KNIGHT - 3782

☼ 24-36 in. - 13,000 S. Dramatic dark maroon blooms with white stamens.

Attracts butterflies like crazy, beneficial insects and bees. A cottage garden classic that is enjoyed in the garden and bouquets. An easy, low maintenance cut and come again, with long wiry stems. Cutting or deadheading often will extent flowering into fall. Birds love the dried seed heads in late fall and winter. May self sow if happy.

Each of the above: (29C9)	250 sds - \$9.25
500 sds - \$16.60	1,000 sds - \$25.35
2,000 sds - \$43.20	5,000 sds - \$89.75

FATA MORGANA - 3784

☼ 32-40 in. - 13,000 S. Sweet creamy apricot blooms with a blush of pink. The 2 in. blooms attracts butterflies like crazy. Cut flower growers dream of these to fill vases and gardens with soft sophisticated color and a light honey fragrance. Birds love the dried seed heads in late fall and winter.

FIRE KING - 3783

☼ 24-36 in. - 11,500 S. Bright red 2 in. blooms with white stamens (look like pins in a pincushion) on long stems. Does well in poor and dry soil once established and then somewhat drought tolerant after that so plan on some summer water for improved appearance and long season flowering. Attracts butterflies, bees and other beneficial insects too.

Each of the above: (29C9)	250 sds - \$9.25
500 sds - \$16.60	1,000 sds - \$25.35
2,000 sds - \$43.20	5,000 sds - \$89.75

GIANT FLOWERED IMPERIAL MIXTURE - 3781

☼ 30-36 in. - 5,500 S. Big, slightly irregular ball shaped flowers in a full range of colors. Blooms are carried on long stems, making them suitable for cut flower arrangements. Also useful in borders and mass planting. Will attract hummingbirds, butterflies and pollinators to you.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

QIS SERIES

☼ 36 in. - 4,000-5,500 S. Highly desirable, easy to grow free-flowering annual. Uniform height and flowering time. Masses of long, wiry stems topped by fluffy, round, 2-3 inch blossoms that resemble pincushions.

Dark Blue - 3993 ☼

Deep Red - 3990 ☼ Unique burgundy red.

Mixture - 3996 ☼

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

SCABIOSA, PERENNIAL

Pincushion Flower

2,400 sds/oz 65°-70° 2 weeks

Needs light for good germination. Blooms from June to September. Nice cut flower, fresh or dried. Will attract butterflies, hummingbirds, and songbirds all season as well as repel deer.

FAMA SERIES

⌘ ① **Perennial.** 20 in. - 1,300 S. *S. caucasica.* A compact variety that provides many long-lasting flowers for cutting or border decoration. Grayish-green, lance shaped basal leaves and slender, pinnatifid, stem leaves. COATED SEED. Zones: 4-9

Deep Blue - 6805PE ⌘ ①

A unique deep blue flower color that is sure to draw attention.

White - 6806PE ⌘ ①

A true pure white.

Each of the above: (25E9)	25 sds - \$9.70
50 sds - \$17.80	100 sds - \$26.80
250 sds - \$54.00	500 sds - \$92.00

HOUSES HYBRIDS - 6239

⌘ ① **Perennial.** 24 in. - 2,000 S. Very large 2-3 in. flowers in shades of lavender, light to deep blue, and silvery white. Will flower the first year from seed. Zones: 3-7

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

SCHIZANTHUS

Butterfly Flower

50,000 sds/oz 60° 2 weeks

After sowing on sterilized media, do not cover seeds with soil, place flat in a dark area and maintain soil temperature of 60°. Bushy plants with butterfly-like flowers. Sow in January for 3 in. blooming plants for spring combinations. A September to November sowing will produce larger pot plants for spring sales. Flowers can also be used in corsages.

ANGEL WINGS - 3716

18 in. - 38,500 S. A great improvement over other strains, has more compact, conical plants of uniform, dwarf character. The blooms all have a distinct gold center contrasting with bright and deep colors.

Each of the above: (31B9)	1,000 sds - \$6.90
2,000 sds - \$9.90	5,000 sds - \$17.55
10,000 sds - \$28.60	25,000 sds - \$58.90

SEDUM

Stonecrop

80° days - 70° nights 2 weeks

For the best germination, use a loose, well drained media. After sowing seeds, do not cover with media. Alternate soil temperature of 80° day and 70° nights. Light will help germination. Blooms May- July. Nice groundcover. Will attract butterflies all season.

ALBUM - 6205

Perennial. 4 in. - 1,250,000 S. S. crassulaceae. (Worm grass). A mat forming, slow spreading evergreen, with small white flowers held above foliage. Zones: 4-10 (34A9)

5,000 sds - \$7.70	10,000 sds - \$11.10
25,000 sds - \$20.45	50,000 sds - \$36.70

ACRE (GOLDEN CARPET) - 6241

Perennial. 3 in. - 525,000 S. (Creeping Moss). Has small leaves and bright yellow star-like flowers in June - September. Zones: 3-8

MANY SPECIES MIXTURE - 6244

Perennial. 485,500 S. Complete blend of the species. Zones: 4-8

Each of the above: (31B9)	1,000 sds - \$6.90
2,000 sds - \$9.90	5,000 sds - \$17.55
10,000 sds - \$28.60	25,000 sds - \$58.90

ORACLE - 6512

Perennial. 10 in. - 714,000 S. *S. forsterianum.* Silver-green whorls of foliage provide bright yellow flowers in late summer. This succulent beauty is a wonderful accent plant for mixed containers or xeriscape containers.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

REFLEXUM - 6243

Perennial. 8 in. - 255,000 S. (Stone Orpine). Creeping evergreen forming mats, golden yellow flowers. Blooms July - September. Zones: 4-9

1,000 sds - \$8.35	2,000 sds - \$13.60
5,000 sds - \$26.15	10,000 sds - \$44.60
25,000 sds - \$95.25	(31D9)

SOLARITY DEEP ROSE - 6248

⌘ ① **Perennial.** 4-8 in. - 500,000 S. *S. spurium.* Very well branched, no pinching. Fits perfectly into a groundcover assortment. Winter hardy that is drought tolerant. Offers fall flowering color options. Weeks to finish: 13-15. Zones: 4-9

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

SPIRIT - 6292

Perennial. 4 in. - 308,500 S. *S. selskianum.* Bright yellow, star shaped flowers with bright green, glossy leaves. Plants thrive in rock gardens in the hottest locations.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

SEDUM (continued)

SPURIUM COCCINEUM - 6247

① **Perennial.** 6 in. - 450,500 S. (Dragon's Blood). Creeping evergreen forming mats with pink flowers. Will flower the first year from seed. Zones: 3-9

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

SPURIUM VOODOO - 6280

Perennial. 6 in. - 625,000 S. Deep, intense color of dark red leaves contrast with bright rose colored flowers. Outstanding garden performance. Zones: 3-9

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

SURRENDER RED - 6240

① **Perennial.** 6-10 in. - 333,400 S. *S. telephium.* First ever from seed that is very uniform, has good branching and is suitable for large production. Will attract bees and butterflies. Weeks to finish: 13-15. Zones: 4-9

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

SEMPERVIVUM

Houseleek, Perennial "Hens and Chicks"

400,000 sds/oz 65°-70° 3 weeks
For the best germination, do not cover seeds after sowing in indented rows. Light will help germination. Blooms June - August.

PERENNIAL SPECIES MIXTURE - 6256

Perennial. 2 in. - 450,500 S. Low growing plants with alternate thick fleshy leaves that frequently form compact rosettes with dense heads of flowers in pink, yellow, greenish-white and carmine. Mainly grown for their attractive foliage. Ideal for dish gardens and terrariums. Zones: 3-9

500 sds - \$9.55	1,000 sds - \$16.55
2,000 sds - \$26.60	5,000 sds - \$53.90
10,000 sds - \$93.30	(30E9)

SHAMROCK

28,000 sds/oz 65° 7-10 days
Can easily be direct seeded. After sowing on sterilized media, cover seeds lightly with soil and maintain 65° soil temperature. Darkness will help germination. For 2 in. pots on St. Patrick's Day, use 3 or 4 seedlings per pot. After transplanting, grow cool and apply growth retardants for compact growth if desired.

TRUE IRISH - 3788

8-10 in. - 38,500 S. Small three-leaved shamrock for growing in pots for St. Patrick's Day.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

All Seed orders are shipped the same day received - most within 4 hours!

SILENE

Catchfly, Cushion Pink

61,000 sds/oz 65°-70° 10 days

Nice cutflower. Will bloom July - October the first year from seed.

ORIENTALIS - 6264

☞ **Perennial.** 26 in. - 250,000 S. Beautiful 3-4 in. single bright carmine rose flowers are clustered in 4 in. dense flower heads. Blooms will resemble a lychnis flower. Will bloom June-September. Zones: 4-8

500 sds - \$8.80	1,000 sds - \$14.75
2,000 sds - \$23.30	5,000 sds - \$46.55
10,000 sds - \$79.90	(30D9)

SNAPDRAGON, DWARF

Antirrhinum majus

180,000 sds/oz 60°-70° 7-10 days

For the best germination, we suggest pre-chilling the seed in the refrigerator for 3-5 days before sowing. Sow seed on sterilized media and do not cover seed with media. Light is helpful in germination. Will attract butterflies all season.

ANTIQUITY SERIES

8-12 in. - 180,000-200,000 S. (F-1 Hybrid). Open flowered, which is ideally suited to larger containers or garden borders. Extremely robust foliage and great branching, resulting in outstanding garden performance. Improved branching also makes this variety much more suitable for summer and autumn production, where it fills the pot better before flowering. Weeks to flower: 9-11.

Lemon - 3793 **Orange Bicolor - 3795**
Purple - 3792 **Red - 3791**

Red Bicolor - 3794

Mixture - 3796 A formula mixture of Lemon, Orange Bicolor, Orchid, Purple, Red and Red Bicolor.

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

MONTEGO SERIES

6-8 in. - 150,000-225,000 S. (F-1 Hybrid). Superior branching and early flowering, these compact and free-flowering plants yield outstanding garden performance.

Burgundy Bicolor - 3393

Orange Bicolor - 3394 Orange and white blooms with a yellow nose.

Pink - 3395 **Purple - 3396**

Red - 3389 **Rose - 3426**

Sunset - 3388

Golden yellow with rosy-orange throat.

Violet - 3403 **White - 3400**

Yellow - 3398 **Mixture - 3399**

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90

Rose Bicolor - Crop failure. As a substitute, we suggest Snaptini Rose Bicolor (raw).

Scarlet - Crop failure. As a substitute, we suggest Snaptini Scarlet (pelleted).



Snaptini Mixture

Snaptini Series

6-8 in. - (F-1 Hybrid). A classic compact look that is well-branched and early flowering. Controlled and consistent blooms all season long. Versatile enough to be sold in packs, pots and gallons. They exhibit excellent garden performance and are perfect for beds, mass plantings and containers.

PELLETED SEED

Burgundy Bicolor - 3868PE * New for 2019

Peach - 3869PE * New for 2019

Red - 3870PE * New for 2019

Rose Bicolor - 3871PE * New for 2019

Scarlet - 3867PE * New for 2019

Sunglow - 3873PE * New for 2019

Violet - 3874PE * New for 2019

White - 3875PE * New for 2019

Yellow - 3876PE * New for 2019

Mixture - 3877PE * New for 2019

A blend of all the above colors.

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

RAW SEED

Burgundy Bicolor - 3868 * New for 2019

Peach - 3869 * New for 2019

Red - 3870 * New for 2019

Rose Bicolor - 3871 * New for 2019

Scarlet - 3867 * New for 2019

Sunglow - 3873 * New for 2019

Violet - 3874 * New for 2019

White - 3875 * New for 2019

Yellow - 3876 * New for 2019

Mixture - 3877 * New for 2019

A blend of all the above colors.

Each of the above: (29A9)	250 sds - \$6.90
500 sds - \$11.20	1,000 sds - \$16.20
2,000 sds - \$26.40	5,000 sds - \$52.90



Peach



Sunglow



Yellow



Rose Bicolor

SNAPDRAGON, DWARF (continued on next page)

SNAPDRAGON, DWARF (continued)

TWINNY SERIES



Peach

12 in. - 165,000 S. (F-1 Hybrid). Unique, showy open double flowers on compact, basal-branching plants and exhibits exceptional weather tolerance to both hot and wet summer growing conditions. Excellent candidate for both borders and mixed color bowls.

Peach - 3594 (All America Winner - 2010). Soft shades of light orange, peach & yellow.

Rose - 3595

Violet - 3596 Bright crimson & magenta.

Yellow Shades - 3597 Shades of apricot, butter, cream and gold.

Mixture - 3598 A formula mixture of appleblossom, bronze, peach, rose, violet, white and yellow.

SNAPDRAGON, GREENHOUSE

AXIOM SERIES

⌘ 42 in. - 192,000-240,000 S. Group 3/4. High quality long, tall spikes with strong, upright habit for autumn and late spring flowering. Strong stems support densely packed florets.

Deep Orange - 4980 ⌘

Each of the above: (28B9)	100 sds - \$6.90
200 sds - \$11.60	500 sds - \$19.70
1,000 sds - \$31.50	2,000 sds - \$56.80

MARYLAND SERIES

⌘ 30-36 in. - 123,000-232,500 S. Group 1/2. Best suited for Autumn, Winter and early Spring production. Strong, clean stems with well defined flower spikes.

Appleblossom - 3905 ⌘

White and rose bicolor.

Bright Yellow - 4051 ⌘

Dark Orange - 3906 ⌘ Improved for 2018!

Golden Bronze - 3899 ⌘

Lavender - 4053 ⌘

Rose (flamingo) - 3908 ⌘

Bright salmon rose.

Royal - 4009 ⌘

Shell Pink - 3920 ⌘

Clear pink with a white tube.

White - 3895 ⌘ Pure white.

White & Yellow Bicolor - 3891 ⌘

Each of the above: (28C9)	100 sds - \$7.70
200 sds - \$12.90	500 sds - \$22.55
1,000 sds - \$36.50	2,000 sds - \$66.40

SNAPDRAGON, GREENHOUSE (continued)

OPUS SERIES

⌘ 36 in. - 139,000-204,000 S. Group 3-4. Late Spring/Summer flowering. Superior stem length and flower quality. Setting the standard for the modern hybrid cut flower. Weeks to flower: 10-12.

Appleblossom - 3919 ⌘

Early Bronze - 3929 ⌘

Early White - 3930 ⌘

Fresh White - 3925 ⌘

Lavender - 3932 ⌘

Pink - 3933 ⌘

Red - 3985 ⌘

White - 3938 ⌘

Yellow - 3939 ⌘

Mixture - 3947 ⌘ Complete mixture of all colors in the series.

OVERTURE SERIES

⌘ 36 in. - 143,000-210,000 S. Group 2. Winter and Early Spring flowering. Raises the bar for Winter-blooming Snapdragons. Tightly spaced florets. Superior stem length, caliber and flower quality. Weeks to flower: 10-12.

Light Bronze - 3910 ⌘

Orange - 3923 ⌘

Pink - 3913 ⌘

Red - 3915 ⌘

White - 3921 ⌘

Yellow - 3917 ⌘

Mixture - 3918 ⌘

Each of the above: (28B9)	100 sds - \$6.90
200 sds - \$11.60	500 sds - \$19.70
1,000 sds - \$31.50	2,000 sds - \$56.80

POTOMAC SERIES

⌘ 30-36 in. - 147,000-227,000 S. Group 3/4. The most widely produced series on the market. Perfect for production during periods of high light, long days and warm temperatures. Plants produce tall, strong stems and long spikes with good flower quality and can be grown year round with supplemental high-intensity lighting.

Appleblossom - 3958 ⌘

Rose and white bicolor spikes.

Cherry Rose - 3964 ⌘

Dark Orange - 3950 ⌘

Ivory White - 3963 ⌘

High quality ivory spikes.

Orange - 3940 ⌘ Dark orange.

Pink - 3972 ⌘ Medium pink.

Red - 3969 ⌘

Rose - 3949 ⌘ Bright rose.

Royal - 3960 ⌘

Improved for 2019! Deep purple.

White - 3961 ⌘ Improved for 2019!

Yellow - 3965 ⌘ Medium yellow.

Each of the above: (28C9)	100 sds - \$7.70
200 sds - \$12.90	500 sds - \$22.55
1,000 sds - \$36.50	2,000 sds - \$66.40

Soft Yellow (tampico) - Crop failure.

As a substitute, we suggest Potomac Yellow.

SNAPDRAGON, TALL

180,000 sds/oz 65°-70° 7 days

For best germination, we suggest pre-chilling the seed in the refrigerator for 3-5 days

CHANTILLY SERIES

⌘ 36-48 in. - (F-1 Hybrid). Vigorous and high performing. Gorgeous 4 to 4-1/2 in. flowering stems crowded with huge, open-faced butterfly type blooms. These lightly scented blooms are longer lived in the garden and the vase than other varieties. Spectacular when mass planted.

Bronze - 3856 ⌘

Deep Orange - 3857 ⌘

Pink - 3858 ⌘

Velvet - 3859 ⌘

Yellow - 3860 ⌘

Mixture - 3861 ⌘

A beautiful formula mixture.

Each of the above: (28A9)	100 sds - \$6.90
200 sds - \$10.20	500 sds - \$16.85
1,000 sds - \$26.50	2,000 sds - \$47.20

GIANT RUFFLED TETRA MIXTURE - 3872

⌘ 30 in. - 113,000 S. Larger florets with thicker petals and foliage than the ordinary kind. A blend of all colors.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

LIBERTY CLASSIC SERIES

⌘ 18-22 in. - (F-1 Hybrid). 130,000-169,500 S. An intermediate height variety with sturdy, long and graceful spikes in a broad color range. Weeks to flower: 16-18.

Crimson - 3853 ⌘

Lavender - 3809 ⌘

Rose Pink - 3816 ⌘

White - 3818 ⌘

Yellow - 3819 ⌘

Mixture - 3820 ⌘

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

MADAME BUTTERFLY SERIES

⌘ 24-30 in. - 140,000 S. (F-1 Hybrid). Now available in separate colors! Unusual azalea-shaped flowers. Create a riot of color throughout the summer. The unique, double petals prevent insects from pollinating the flowers, so they last much longer than single-flowered varieties. Perfect for a long-lasting display in cottage garden beds, borders and containers. These pretty flowers can also be used as garnishes or dressings but can have a bland or sometimes bitter taste.

Pink - 3839 ⌘

Red - 3837 ⌘

Yellow - 3836 ⌘

Mixture - 3841 ⌘

24-30 in. - (All America Winner - 1970). Consists of bronze, bronze/white, cherry/bronze, ivory, pink, red, rose and yellow.

Each of the above: (29E9)	250 sds - \$11.50
500 sds - \$22.00	1,000 sds - \$34.50
2,000 sds - \$60.00	5,000 sds - \$126.50

SNAPDRAGON, TALL (continued)

PURPLE TWIST - 3802

☞ 39-60 in. - 200,000 S. An intriguing cut flower. Showy and fragrant purple and white striped blooms open on tall stems throughout summer. The stripe pattern varies depending on the temperature with dominant white stripes in warmer weather and prominent purple stripes in cooler temperatures. An outstanding cut flower and border plant. This Group 2 Snap can be scheduled and grown along with the Maryland series.

RED DELILAH - 3801

☞ 39-60 in. - 180,000 S. This fun and first of its kind produces unique red and white tube-patterned flower spikes on strong, sturdy stems. Great choice to make top quality, novelty bouquets. This Group 2 variety can be scheduled and grown along with the Maryland series and is suitable for greenhouse, field or garden cut flower production.

Each of the above: (28C9) 100 sds - \$7.70
 200 sds - \$12.90 500 sds - \$22.55
 1,000 sds - \$36.50 2,000 sds - \$66.40

ROCKET SERIES

☞ 30-40 in. - 116,000-232,500 S. (F-1 Hybrid). Far superior to other garden types. Bred especially for heat resistance and summer bloom. Winter hardy in milder climates. Sow early and set out early for best results. Long, closely-set spikes on strong stems.

Bronze - 3824 ☞ (All America Winner - 1960).

Cherry - 3829 ☞

Golden Yellow - 3827 ☞

(All America Winner - 1960).

Lemon - 3830 ☞

Orchid - 3828 ☞ (All America Winner - 1960).

Pink - 3823 ☞

Red - 3821 ☞ (All America Winner - 1960).

Rose Shades - 3822 ☞

(All America Winner - 1960).

White - 3826 ☞ (All America Winner - 1960).

Mixture - 3833 ☞

Each of the above: (29A9) 250 sds - \$6.90
 500 sds - \$11.20 1,000 sds - \$16.20
 2,000 sds - \$26.40 5,000 sds - \$52.90

SNAPTASTIC SERIES

☞ 18-22 in. - 125,000 S. Produces large flowers and long lasting color. Large central flower gives a Christmas tree shape with rapid secondary flowering. Strong root system makes for more resilient to heat and its tough stems support lateral branching, which leads to less breakage.

Dark Pink - 3973 ☞

Magenta - 3976 ☞

Orange Flame - 3977 ☞

Red - 3974 ☞

Yellow - 3975 ☞

Mixture - 3978 ☞

A complete mixture of the above colors.

Each of the above: (28A9) 100 sds - \$6.90
 200 sds - \$10.20 500 sds - \$16.85
 1,000 sds - \$26.50 2,000 sds - \$47.20

SNAPDRAGON, TALL (continued)

SONNET MIXTURE - 3844

☞ 20-24 in. - 158,000 S. (F-1 Hybrid). Very early. Strong, sturdy stems and good weather tolerance make this an excellent garden variety and cut flower.

250 sds - \$6.90 500 sds - \$11.20
 1,000 sds - \$16.20 2,000 sds - \$26.40
 5,000 sds - \$52.90 (29A9)

SOLANUM

ORNAMENTAL EGG PLANT

6,500 sds/oz 75°-80° 14 days

PUMPKIN ON A STICK - 4559



☞ 18 in. - 8,000 S. S. melongena. Looks like small little orange pumpkins on a stem and it's edible!

100 sds - \$8.85 200 sds - \$15.75
 500 sds - \$28.25 1,000 sds - \$46.50
 2,000 sds - \$85.60 (28E9)

SOLIDAGO

Goldenrod

475,000 sds/oz 65°-70° 2 weeks

BABY GOLD (GOLDEN BABY) - 6263

☞ Perennial. 24 in. - 625,000 S. Compact, rigid, upright growth. Dense, small golden-yellow flowers. Fine plants for the perennial border; produces good flowers for cutting. Will attract butterflies all season. Will bloom June-September the same year sown. Zones: 3-10

1,000 sds - \$6.90 2,000 sds - \$9.90
 5,000 sds - \$17.55 10,000 sds - \$28.60
 25,000 sds - \$58.90 (31B9)

STACHYS

Lamb's Ear

16,000 sds/oz 65°-70° 2 weeks

After sowing seed, cover lightly with vermiculite. Light will help germination. Refrigerate seed 7 days before sowing. Blooms May - August. Tolerates drought conditions and helps repel deer all season.

LANATA - 6269

☞ Perennial. 12-18 in. - 20,000 S. S. byzantina. Plants are clothed with densely soft white wooly leaves. Small bright purple flowers, but mainly grown for its decorative foliage. Zones: 3-8

500 sds - \$6.90 1,000 sds - \$9.35
 2,000 sds - \$13.40 5,000 sds - \$24.40
 10,000 sds - \$40.30 (30A9)

STATICE

Limonium Species

65°-70° 18 days

Good for cutting, can be dried and dyed. Darkness will help germination. Blooms June-September.

DUMOSA (TATARICA) - 6272

☞ Perennial. 18-20 in. - 25,000 S. (German Statice). Clean seed. Produces clusters of snowy white frilly flowers. Delicate and exquisite, they look like they are made from paper. Grow them as bedding plants, in containers or window boxes. Zones: 4-9

500 sds - \$8.80 1,000 sds - \$14.75
 2,000 sds - \$23.30 5,000 sds - \$46.55
 10,000 sds - \$79.90 (30D9)

FORTRESS SERIES YELLOW

Crop failure. As a substitute, we suggest QIS Yellow.

FORTRESS WHITE - 4794

☞ 24 in. - 9,000-116,000 S. L. sinuatum. Clean seed. Beautiful, well formed spikes on strong stems.

500 sds - \$8.80 1,000 sds - \$14.75
 2,000 sds - \$23.30 5,000 sds - \$46.55
 10,000 sds - \$79.90 (30D9)

LATIFOLIA - 6273

☞ Perennial. 18 in. - 30,000 S. (Sea Lavender). Clean seed. Dozens of slender, multi-branched stems topped with masses of tiny, blue-violet flowers. Zones: 3-9

PEREZII - 6271

☞ ① Perennial. 18 in. - 26,000 S. (Blue Sea). Clean seed. Rich, deep blue heads. Flowers first year from seed. A tender perennial in many areas. Zones: 8-10

Each of the above: (29B9) 250 sds - \$8.15
 500 sds - \$13.90 1,000 sds - \$20.80
 2,000 sds - \$34.80 5,000 sds - \$71.40

QIS SERIES

☞ 28 in. - 11,000 S. Clean seed. Very uniform in color, flower size and stem quality. Well suited for greenhouse and outdoor production. The best strain for professional cut flower production.

Apricot - 4058 ☞

Dark Blue - 4059 ☞

Lavender - 4354 ☞

Purple - 4055 ☞

Rose - 4061 ☞

Sky Blue - 4060 ☞

Soft Pastel Shades - 4356 ☞

Shades of pinks and purples.

White - 4062 ☞

Yellow - 4063 ☞

Mixture - 4064 ☞

Each of the above: (30D9) 500 sds - \$8.80
 1,000 sds - \$14.75 2,000 sds - \$23.30
 5,000 sds - \$46.55 10,000 sds - \$79.90

Sunset - Crop failure. As a substitute, we suggest Qis Soft Pastel Shades.

STATICE (continued on next page)

STATICE (continued)

SUWOROWII - 3981

☞ 30 in. - 167,000 S. (Russian Statice, Rat-Tail). Bright rose flowers. Very useful for greenhouse forcing.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

STOCKS

16,000 sds/oz 70° 10 days

Plant only in sterilized soil and benches to protect against root rot. After sowing seed, cover lightly with vermiculite. Light will help germination.

CHEERFUL SERIES

☞ 24 in. - 11,000 S. (F-1Hybrid). Flowers are about 95% double. Very fragrant, full spikes bearing 2 in. blooms and glossy deep green foliage. Does not require low temperatures for bud initiation.

White - 4030 ☞

Yellow - 4031 ☞

Mixture - 4032 ☞

A blend of the above.

Each of the above: (28C9)	100 sds - \$7.70
200 sds - \$12.90	500 sds - \$22.55
1,000 sds - \$36.50	2,000 sds - \$66.40

HARMONY PURPLE - 4778

10 in. - 13,300 S. One sniff of this luxuriant fragrance and you will be utterly enchanted with its romantic shade of deep rose purple and haunting sweet scent. This stock has a Victorian, English country house aura. Perfect for early cutting, with slender spikes densely loaded with fully double flowers. The harmony in its name refers to its matching color and fragrance.

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

HOT CAKES SERIES

12 in. - 17,000 S. Amazingly versatile, producing very well-branched, dwarf plants with highly fragrant, brightly colored blooms. (Please note: Selectable is the key, fully double plants produce more attractive plants than comparable gray-leaf, non selectable types that can show up to 50% singles). Ideal for sowing in succession, adding its delightful fragrance to spring or autumn flowering displays in borders or containers. Weeks to flower: 10.

Hot Rose - 4781

Pink - 4782

Purple - 4783

White - 4784

Mixture - 4785

A blend of all colors.

Each of the above: (29D9)	250 sds - \$10.40
500 sds - \$19.30	1,000 sds - \$29.90
2,000 sds - \$51.60	5,000 sds - \$108.15

STOCKS (continued)

MIDGET SERIES

8 in. - 16,000 S. Very early and dwarf variety. Compact habit with good branching habit.

Lavender - 4010

Red - 4013

Rose - 4020

Violet - 4008

White - 4021

Mixture - 4012

Each of the above: (29C9)	250 sds - \$9.25
500 sds - \$16.60	1,000 sds - \$25.35
2,000 sds - \$43.20	5,000 sds - \$89.75

NIGHT SCENTED - 4852

12 in. - 43,800 S. (Evening Scented). An old time favorite. Small pale lilac to white flowers. While not the showiest of plants, it is well worth adding to the garden for the wonderful evening fragrance. Sow anywhere that is close enough to the house to get the benefit of such a beautiful fragrance. Below windows, patio tubs, window boxes, even a small sowing in hanging baskets.

500 sds - \$9.55	1,000 sds - \$16.55
2,000 sds - \$26.60	5,000 sds - \$53.90
10,000 sds - \$93.30	(30E9)

TOSCA SERIES

☞ 24-32 in. - A good series to grow in Summer with higher light levels and temperatures. Spring flowering, Group 2-3.

Blue Sea - 4983 * New for 2019 ☞

Rose - 4984 * New for 2019 ☞

White - 4985 * New for 2019 ☞

Yellow - 4986 * New for 2019 ☞

Mixture - 4992 * New for 2019 ☞

Each of the above: (29B9)	250 sds - \$8.15
500 sds - \$13.90	1,000 sds - \$20.80
2,000 sds - \$34.80	5,000 sds - \$71.40

XMAS SERIES

☞ 35-40 in. - 16,000 S. Extra early, non-branching with gray-green leaved foliage produce beautiful scented flowers. Does well in both unheated greenhouses and outdoor field production. Doubles can be selected by cotyledon color.

Apricot - 4939 ☞

Blue - 4940 ☞

Ocean - 4941 ☞

Pink - 4942 ☞

Rouge - 4943 ☞

Ruby - 4944 ☞

White - 4945 ☞

Mixture - 4946 ☞

A mixture of all the above colors.

Each of the above: (28A9)	100 sds - \$6.90
200 sds - \$10.20	500 sds - \$16.85
1,000 sds - \$26.50	2,000 sds - \$47.20

VINTAGE MIXTURE - 4962

15 in. - 18-29,500 S. An early flowering dwarf garden variety with 60% double flowers and sturdy, branching habit.

250 sds - \$8.15	500 sds - \$13.90
1,000 sds - \$20.80	2,000 sds - \$34.80
5,000 sds - \$71.40	(29B9)

Strawberry, Ruegen.

Also see listing under Vegetables.

STRAWBERRY, RUEGEN

75,000 sds/oz 70° 7-10 days

Sow in December/January for Mother's Day pot plants. Suggest 3 plants in a 5 in. azalea pot. Produces berries all summer and fall.

BARON SOLEMACHER - 4065

4 in. - 55,000 S. Red. Runnerless. Sow in December/January for Mother's Day pot plants. Suggest 3 plants in a 5 in. azalea pot. Produces berries all summer and fall.

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

SUNFLOWER

Helianthus annus

70° 4-5 days

Do not overfeed. Excess nitrogen reduces the number and size of flower petals. Will attract butterflies and doves all season. Seed count varies from 400-1800 seeds per ounce.

BALLAD - 3984

24-30 in. - 2,600 S. (F-1 Hybrid). Pollen free. Shiny green leaves with 4-5 in., bright golden flowers that deepen to bronze in the center. Mildew tolerant. Great for containers and mixed pots. Weeks to flower: 9-12.

50 sds - \$8.65	100 sds - \$15.20
250 sds - \$28.75	500 sds - \$44.65
1,000 sds - \$77.15	(26C9)

FLORENZA - 4964

☞ 48-52 in. - 1,000 S. Flowers are 5 in., beautifully shaped light yellow petal tips which form a lovely contrast with the distinct rusty red ring. Use it for an attractive background in an annual bed or as a centerpiece in large patio containers. Blooms June-August.

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

FULL SUN IMPROVED - 4081

☞ 60-72 in. - 400 S. (F-1 Hybrid). Pollen free. Single stem. Yellow flowers with medium-dark disks. Earlier and shorter than Full Sun. Well suited for winter production.

100 sds - \$8.85	200 sds - \$15.75
500 sds - \$28.25	1,000 sds - \$46.50
2,000 sds - \$85.60	(28E9)

IKARUS - 4068

☞ 48 in. - 1,000 S. Branching. An abundance of 4-6 in. light yellow flowers with a dark center. Outstanding garden performance and cut flower.

100 sds - \$6.90	200 sds - \$11.60
500 sds - \$19.70	1,000 sds - \$31.50
2,000 sds - \$56.80	(28B9)

SUNFLOWER (continued)

JUA INCA (BICOLOR) - 4015

☞ 48-60 in. - 450 S. Treated Seed. Pollen free. Gorgeous, picture perfect and vase ready. Mahogany and gold bicolor flowers with dark center. Weeks to flower: 6-8.

JUA MAYA (YELLOW) - 4014

☞ 48-60 in. - Treated Seed. Pollen free. Picture perfect and vase ready. Deep golden yellow flower circling a pure black center. Weeks to flower: 6-8.

Each of the above: (28E9) 100 sds - \$8.85
200 sds - \$15.75 500 sds - \$28.25
1,000 sds - \$46.50 2,000 sds - \$85.60

MAMMOTH (JUMBO) - 4093

☞ 84 in. - 250 S. Heirloom. Enormous yellow flowers with brown centers up to 12 in. across yield heavy loads of seeds. Great for creating a sunforest for kids, a tall annual hedge or screen. Edible seeds attract birds and make great snacks. To save seeds, cut the stem beneath flower heads when the backs of the flower heads turn yellow. Hang upside down and let dry in a cool, dry place for about a month. Cover with netting or a paper sack with holes to keep seeds from falling. But watch out for squirrels! Weeks to flower: 9-10.

250 sds - \$6.90 500 sds - \$11.20
1,000 sds - \$16.20 2,000 sds - \$26.40
5,000 sds - \$52.90 (29A9)

MOONSHADOW - 4003

☞ 60-84 - Shine in the garden with flower faces of creamy, lemon-custard colored petals surrounding dark chocolate centers. Full-framed beauties produce lots of striking 3-5 in. blossoms on open, multi-branched stems. Bring lots of branching stems of these free flowering sunflowers indoors for charming, casual bouquets. Make a joyful and colorful border or flowering summer garden screen.

100 sds - \$8.25 200 sds - \$14.35
500 sds - \$25.40 1,000 sds - \$41.50
2,000 sds - \$76.00 (28D9)

PREMIER SERIES

☞ 48-60 in. - 700 S. (F-1 Hybrid). Pollen free. Single stem. An extra-early flowering series. Day-length neutral for year round sowing in the field and greenhouse. Flowers maintain their beautiful shape after harvest, with petals that are wide and overlapping.

Lemon - 4075 ☞

Bright yellow with velvety black center.

Light Yellow - 3692 ☞

Creamy yellow with a velvety black center.

Each of the above: (28G9) 100 sds - \$9.90
200 sds - \$18.50 500 sds - \$33.95
1,000 sds - \$56.50 2,000 sds - \$104.80

SUNFLOWER (continued)

PRO CUT SERIES

☞ 60-72 in. - 710 S. (F-1 Hybrid). Pollen free. Single stem. Flowers are 3-4 in. in diameter with a dark brown disk. Days to flower: 50.

Bicolor Dmr - 4006 ☞

Mahogany red petals with orange tips and a dark center. Best solution for growers who have experienced problems with Downy Mildew.

Orange Dmr - 4074 ☞

Golden-orange with dark disc. Downy mildew high resistant variety.

Each of the above: (28E9) 100 sds - \$8.85
200 sds - \$15.75 500 sds - \$28.25
1,000 sds - \$46.50 2,000 sds - \$85.60

Bicolor - 3988 ☞

Mahogany red petals with orange tips and a dark disc.

Brilliance - 4090 ☞

Buttery yellow petals. Rather than having a defined halo, the color gradually intensifies from light yellow at the petals tips to orange near the central disk.

Gold - 4077 ☞

Golden yellow petals with a light green golden disc.

Lemon - 3987 ☞

Lemon-yellow with dark disc.

Orange - 3991 ☞

Golden-orange with dark disc.

Orange Excel - 4043 ☞ *New for 2019* ☞

Deepest orange. Slightly faster to flower than Pro Cut Orange.

Orange Horizon - 4044 ☞ *New for 2019* ☞

Perfect upward facing blooms opening with rich overlapping orange petals surrounding a traditional dark disk.

Plum - 4016 ☞

Muted plum to cream bicolor.

Red - 4076 ☞

Deep burgundy petals with dark disc.

Each of the above: (28D9) 100 sds - \$8.25
200 sds - \$14.35 500 sds - \$25.40
1,000 sds - \$41.50 2,000 sds - \$76.00

White Nite - 4042

Truly unique color. Amazing flowers that open with a creamy vanilla color quickly turning white in a few days of sunlight contrasted with a dark center. Try dying them for stunning bouquets!

50 sds - \$8.65 100 sds - \$15.20
250 sds - \$28.75 500 sds - \$44.65
1,000 sds - \$77.15 (26C9)

RING OF FIRE - 4007

☞ 45 in. - 900 S. (All America Winner - 2001). Branching. This bicolor variety has dark red flower petals at the base and golden-yellow at the tips. Flowers are 6 in. in diameter with a dark red center.

100 sds - \$8.85 200 sds - \$15.75
500 sds - \$28.25 1,000 sds - \$46.50
2,000 sds - \$85.60 (28E9)

SUNFLOWER (continued)

SOLAR POWER - 4072

☞ 40 in. - 550 S. (F-1 Hybrid). Pollen free. Branching. Flowers are 4-5 in., rich burgundy with contrasting bright golden-orange tips and a deep maroon center.

50 sds - \$7.20 100 sds - \$11.75
250 sds - \$21.15 500 sds - \$32.15
1,000 sds - \$54.65 (26A9)

SOLARA - 4041

☞ 60 in. - 450 S. (F-1 Hybrid). Pollen free. Single stem. Golden-yellow, 6-in. flowers with dark center. Bred by Benary - a proven cut flower breeder with several top level sunflower varieties - to be an early to flower, strong production style variety with an extended vase life. Days to flower: 55-60.

100 sds - \$10.55 200 sds - \$19.90
500 sds - \$36.80 1,000 sds - \$61.50
2,000 sds - \$114.40 (28H9)

SONJA - 4070

☞ 40 in. - 1,700 S. Single stem. Early flowering, 4 in. orange flowers with a brown center.

SORAYA - 4069

☞ 72 in. - 1,700 S. (All America Winner - 2000). Branching. The first sunflower to win this award. Produces big, richly-colored golden-orange flowers with cheery dark brown faces. The vigorous, self-supporting plants stand tall and will not tip over even in full bloom. They are so well branched that you can expect 20-25 flowers from each plant during the long bloom season. These 4-6 in. flowers arise on long, strong 20 in. stems, held well above the lush foliage. They make a great sight in the garden, held straight up and facing the sun. Prized for cut arrangements, where they are long-lasting.

Each of the above: (28C9) 100 sds - \$7.70
200 sds - \$12.90 500 sds - \$22.55
1,000 sds - \$36.50 2,000 sds - \$66.40

SUN BUZZZ - 4018

12-20 in. - 12,000 S. (F-1 Hybrid). Meet the pot sunflower they will want again and again. Clear, yellow-filled flowers make a real standout, pumping out more blooms thanks to the big show of secondary flowers. Great for pots! Compact, smaller-leaved plants are more manageable and programmable on the bench and more appealing in the store. Delivers better seed uniformity and needs fewer PGRs than similar varieties. Less long day sensitivity, faster flowering and a more compact habit.

25 sds - \$7.20 50 sds - \$11.75
100 sds - \$16.85 250 sds - \$32.15
500 sds - \$53.50 (25A9)

SUNFLOWER (continued on next page)

SUNFLOWER (continued)

SUN SERIES

☞ 84 in. - (F-1 Hybrid). Pollen free. Single stem. Beautiful 4-6 in. uniform flowers with rounded petals on strong stems. This series is daylength-neutral and can be grown year round for cut flower production.

Sunbright - 4096 ☞

Bright yellow petals with black centers.
 100 sds - \$7.70 200 sds - \$12.90
 500 sds - \$22.55 1,000 sds - \$36.50
 2,000 sds - \$66.40 (28C9)

Sunbright Supreme - 4066 ☞

40-60 in. - 1,100 S. (2001 Cut Flower of the Year). One of the earliest sunflowers to mature. Weeks to flower: 9-10.
 100 sds - \$8.25 200 sds - \$14.35
 500 sds - \$25.40 1,000 sds - \$41.50
 2,000 sds - \$76.00 (28D9)

SUN4U LEMON

Crop failure. As a substitute, we suggest Premier Lemon.

SUNFILL GREEN - 4045



* **New for 2019** ☞ 48-72 in. - 500 S. Perfect to use as a green filler. Stems are cut when the buds are full before flowering to provide a fantastic new look to your arrangements. The window for cutting depends on the size of the bud you want. Cut early for small buds, wait a bit longer before flowering to have a larger bud. Mixes perfectly with spring colors to provide a fresh look to your vase.

50 sds - \$7.20 100 sds - \$11.75
 250 sds - \$21.15 500 sds - \$32.15
 1,000 sds - \$54.65 (26A9)

SUNGOLD - 4107

☞ 48-60 in. - 800-850 S. Single stem. Large, fully double golden yellow chrysanthemum-like flowers. Sow outdoors in May for August blooming.

500 sds - \$7.30 1,000 sds - \$11.15
 2,000 sds - \$16.70 5,000 sds - \$31.80
 10,000 sds - \$53.55 (30B9)

SUNFLOWER (continued)

SUNFINITY - 4019



* **New for 2019** 38 in. - 650 S.

AMAZING PRODUCT !! Free-branching and ever-blooming makes this item truly unique from any other. 3-4 in. blooms makes this a sensational color choice. Due to this habit, plant benefits from the application of plant growth regulators (PGRs) during finish. For best branching, pinch off the main stem above the fourth or fifth pair of leaves as it's growing. Great for the landscape border or back of the garden planting. Plants won't set seed and are disease resistant.

10 sds - \$15.00 25 sds - \$31.25
 50 sds - \$56.25 200 sds - \$190.10
 500 sds - \$437.50 (24N9)

SUNRICH SERIES

☞ 36-60 in. - 500 S. (F-1 Hybrid). Pollen free. Single stem. Very early, large 5-6 in. pollen-less flowers with clear centers. This series is daylength neutral and can be grown year round for cut flower production.

Gold - 4082 ☞

Golden orange with green center.

Lemon - 4097 ☞

Bright yellow with dark center.

Lemon Summer - 3982 ☞ Bright lemon-yellow with dark center. 5-10 days earlier flowering than the rest of the series.

Lime - 3992 ☞

Golden yellow with green center disk.

Limoncello Summer - 4002 ☞

Unique, stable bicolor of vibrant yellow transitioning to a light, creamy yellow at the tips.

Orange - 4098 ☞

Golden orange with dark center.

Orange Summer - 3989 ☞ Golden yellow with dark center. 5-10 days earlier flowering than the rest of the series.

Summer Provence - 4017 ☞

Deep orange with dark center.

Each of the above: (28F9) 100 sds - \$9.40
 200 sds - \$17.10 500 sds - \$31.10
 1,000 sds - \$51.50 2,000 sds - \$95.20

Orange Dmr - 4100 ☞ Golden orange with dark center. The world's first downy mildew high resistant variety.

100 sds - \$11.15 200 sds - \$21.25
 500 sds - \$39.65 1,000 sds - \$66.50
 2,000 sds - \$124.00 (28I9)

SUNFLOWER (continued)

TERRA COTTA - 3670

☞ 70 in. - 630 S. (F-1 Hybrid). 65 days. AKA Cappuccino. Pollen free. Large flower heads of golden russet petals with a dark brown central disk bring another distinctive color form to the cut sunflower market. Multi-branching plants produce 4-5 inch blooms, ensuring plenty of stems for cutting.

100 sds - \$9.40 200 sds - \$17.10
 500 sds - \$31.10 1,000 sds - \$51.50
 2,000 sds - \$95.20 (28F9)

VANILLA ICE - 4099

☞ 50-60 in. - 4,500 S. Branching. Creamy lemon-yellow flowers with black centers on sturdy branching plants.

500 sds - \$7.90 1,000 sds - \$12.90
 2,000 sds - \$19.95 5,000 sds - \$39.15
 10,000 sds - \$66.80 (30C9)

VINCENT'S CHOICE (BROWN DISK) - 4001

☞ 48 in. - 500 S. (F-1 Hybrid). Pollen free. Brown center with deep orange petals. Broad, well rounded overlapping petals form sturdy flower heads, with an extra ring of petals, provides a better filler and more attractive flower.

100 sds - \$8.85 200 sds - \$15.75
 500 sds - \$28.25 1,000 sds - \$46.50
 2,000 sds - \$85.60 (28E9)

VINCENT'S CHOICE DEEP ORANGE DMR - 4011

☞ 60-72 in. - (F-1 Hybrid). Pollen free. Deep orange with brown center. 5 1/2 in. blooms with and extra ring of flower petals create better filled, more attractive flower heads. Strong neck and upward-facing flowers. Round, overlapping flower petals create a semi-double look. Well suited for producing smaller flowers for bouquets or extra large mature flowers. Downy mildew resistant.

100 sds - \$9.40 200 sds - \$17.10
 500 sds - \$31.10 1,000 sds - \$51.50
 2,000 sds - \$95.20 (28F9)

VINCENT'S FRESH (GREEN DISK) - 4000

☞ 48 in. - 600 S. (F-1 Hybrid). Pollen free. Large flowers with a crisp, green center and broad, well rounded overlapping petals. An extra ring of petals and upward facing flowers makes a very attractive flower head.

100 sds - \$8.85 200 sds - \$15.75
 500 sds - \$28.25 1,000 sds - \$46.50
 2,000 sds - \$85.60 (28E9)

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SUNFLOWER, DWARF

PACINO SERIES

12-16 in. - 1,000 s. Dwarf, pot and bedding type series with improved lateral branching. High bud count, long flowering season. 4-5 in. flowers. Crop time varies with the time of year. Weeks to flower: 10-11.

Cola - 4275 (Fluoroselect Quality Mark). Golden yellow petals with dark center.

Gold - 4109 (Formerly Pacino). Golden yellow with green center.

Lemon - 4276 Primrose yellow petals with green center.

Mixture - 4965

Mixture of Cola, Gold and Lemon.
Each of the above: (28C9) 100 sds - \$7.70
200 sds - \$12.90 500 sds - \$22.55
1,000 sds - \$36.50 2,000 sds - \$66.40

SUNNY SMILE - 4073

6-20 in. - 600 S. (F-1 Hybrid). Golden orange petals surround a black disc. Dwarf, branching and pollenless. Pinched early, plant will produce several blooms. Weeks to flower: 7-8.

100 sds - \$11.15 200 sds - \$21.25
500 sds - \$39.65 1,000 sds - \$66.50
2,000 sds - \$124.00 (2819)

SUNTASTIC - 4079

10-24 in. - 825 S. (F-1 Hybrid). (All America Winner - 2014). 65 days. Gardeners will love the number of yellow with black center flowers each one produces, up to twenty, 5-6 in. flowers per plant in three successive blooming periods. Perfect as a cheery long blooming potted plant or window box accent or maybe to add a burst of color to a sunny garden bed.

25 sds - \$7.90 50 sds - \$13.50
100 sds - \$19.70 250 sds - \$38.40
500 sds - \$64.50 (25B9)

TEDDY BEAR - 4108

24 in. - 1,500 S. (Yellow Pigmy). Compact, dwarf free-flowering plants with medium sized fully double golden yellow flowers.

500 sds - \$7.90 1,000 sds - \$12.90
2,000 sds - \$19.95 5,000 sds - \$39.15
10,000 sds - \$66.80 (30C9)


SWEET PEA

Lathyrus odoratus

350 sds/oz 55° 14 days

For the best germination, soak seed in warm water for 48 hours before sowing. After sowing, cover seed 1/4 in. with soil and maintain 55° soil temperature with even moisture. Needs darkness to germinate.

CUTHBERTSON FLORIBUNDA

Formula Mixture - 4085  **Climber.** 300-350 S. Spring flowering. This class is midway between the Multiflora Gigantea (winter flowering) and summer types, preferred by most growers for spring greenhouse blooming. Do not sow before October for this purpose. Also widely planted for outdoor use, being a week or two earlier than the summer class and more heat resistant.

1/4 oz. - \$8.15 1/2 oz. - \$12.55
1 oz. - \$17.80 2 oz. - \$31.80
4 oz. - \$52.80 (10C8)

SWEET PEA (continued)

KNEE HIGH MIXTURE - 4078


Climber. 24-30 in. - 250 S. Semi-dwarf, with very fragrant flowers in a wide range of attractive colors. Plants are heavy blooming and can be planted in mass without support or trained on low trellises. They also look great growing among low shrubs and are excellent in containers, hanging baskets or window boxes.

MAMMOTH SERIES

Mixture - 4455

Climber. Mixture includes Blue, Deep Burgundy, Deep Rose, Lavender, Mid Blue, Rose Pink, Salmon, Scarlet and White.

OLD SPICE MIXTURE - 4004

 **Climber.** 60-72 in. - 300 S. Heirloom. Highly fragrant. Delicate 1-inch blooms with a scent of honey and orange blossom. Features unique bicolor blooms as well as the traditional solid shades of Purple, Rose, Scarlet and White. Heat resistant. Try them on a fence, trellis, or cascading from baskets or containers.


Each of the above: (10A8) 1/4 oz. - \$6.90
1/2 oz. - \$9.70 1 oz. - \$13.20
2 oz. - \$22.60 4 oz. - \$36.70

ROYAL FAMILY MIXTURE - 4457

Climber. 72 in. - 300 S. Bring the fabulous fragrance into your garden with a rainbow of colors in this stunning mixture. Mixture includes Lavender, Maroon, Mid Blue, Navy Blue, Pink, Rose Pink, Salmon Pink, Scarlet and White.

1/4 oz. - \$8.15 1/2 oz. - \$12.55
1 oz. - \$17.80 2 oz. - \$31.80
4 oz. - \$52.80 (10C8)

WINTER ELEGANCE MIXTURE - 4086


 **Climber.** 60-72 in. - 300 S. This series is the only true winter flowering series. Selected for cut flower qualities; long stems and large ruffled flowers. Colors include: Burgundy, Deep Blue, Mid Blue, Salmon Cream Pink, Scarlet and White. Excellent for greenhouse production, developed specifically for flowering under short days and low light conditions.

1/4 oz. - \$9.40 1/2 oz. - \$16.40
1 oz. - \$25.40 2 oz. - \$48.30
4 oz. - \$78.20 (10G8)

TALINUM

73,700 sds/oz 70° 6-10 days

LIMON - 4277

 **24 in.** - 88,000 S. (Kingswood Gold). Trendy lime-green foliage with small jewel-like flowers. Great heat tolerance. Can be used as a pot plant.

VERDE - 4150

32 in. - 57,000-71,000 S. T.paniculatum. Flowers open hot pink and then form orange berries that ripen to dark red. Height, color and texture are great for mixed containers. Heat tolerant and grows well in sun or shade. Can also handle low-water and soggy conditions. Weeks to flower: 9-10.

Each of the above: (25F9) 25 sds - \$9.90
50 sds - \$18.65 100 sds - \$28.25
250 sds - \$57.13 500 sds - \$97.50


THALICTRUM

Meadow Rue

12,000 sds/oz 65°-70° 2 weeks


Refrigerate seed 7 days before sowing. Partial shade or sun. Has fern-like foliage and is a nice cutflower. Will flower May to June.

AQUILEGOLIUM MIXTURE - 6281

 **Perennial.** 36 in. - 12,000 S. Graceful foliage topped off with clouds of flowers in pink, white, rose and light lavender. Attractive to butterflies and once established drought tolerant. Zones: 5-8

100 sds - \$9.90 200 sds - \$18.50
500 sds - \$33.95 1,000 sds - \$56.50
2,000 sds - \$104.80 (28G9)

DIPTEROCARPUM - 6282

 **Perennial.** 36 in. - 17,000 S. Graceful sprays of lilac-mauve flowers with lemon-yellow anthers. Strong plants. Zones: 5-8

250 sds - \$6.90 500 sds - \$11.20
1,000 sds - \$16.20 2,000 sds - \$26.40
5,000 sds - \$52.90 (29A9)

THERMOPSIS

3,700 sds/oz 76° 2-3 weeks

CAROLINIANA - 6509

Perennial. 30-48 in. - 3,700 S. T. leguminosae. Cheerful yellow spikes of pea-like flowers and lovely trifoliate grey-green leaves. The newly emerging flower stems are a charcoal grey, with softly silver hairs. Zones: 3-9

100 sds - \$9.90 200 sds - \$18.50
500 sds - \$33.95 1,000 sds - \$56.50
2,000 sds - \$104.80 (28G9)

THUNBERGIA

Black-eyed Susan Vine

1,150 sds/oz 75°-80° 12-15 days

Sow on sterilized media and cover lightly with soil. Maintain 75° soil temperature with even surface moisture. For satisfactory germination, we suggest soaking the seed in water before sowing. Be sure to change the water daily.

AFRICAN SUNSET - 4291

Climber. 78 in. - 1,000 S. Unique shades of red, apricot and buff with dark burgundy eyes. Blooms May-October.

25 sds - \$7.90 50 sds - \$13.50
100 sds - \$19.70 250 sds - \$38.40
500 sds - \$64.50 (25B9)

ALATA - 4112

Climber. 96 in. - 1,000 S. Moderate-sized vine used as a ground cover or low climber with triangular and 5 petaled tubular flowers in orange, white and yellow with a dark brown eye.

250 sds - \$8.15 500 sds - \$13.90
1,000 sds - \$20.80 2,000 sds - \$34.80
5,000 sds - \$71.40 (29B9)

THUNBERGIA (continued)

THUNBERGIA (continued)

SUSIE SERIES

Climber. 60-72 in. - 900-1,500 S.
A complete series available in separate colors or a mixture. Use in hanging baskets where the vine can twist around the basket supports. If given good support it will look stunning when left to climb over trellises, arbors, fences or other structures around the home. Alternatively, plant this creeper as a ground cover or on a bank or terrace where it can be left to roam.

Orange With Eye - 4101

Solid Orange - 4104

Solid White - 4105

Solid Yellow - 4106

White With Eye - 4103

Yellow With Eye - 4102

Mixture - 4111

Each of the above: (25A9)	25 sds - \$7.20
50 sds - \$11.75	100 sds - \$16.85
250 sds - \$32.15	500 sds - \$53.50

Thymus.

Also see listing under Herbs.

THYMUS

Mother of Thyme

224,500 sds/oz 70°-75° 2 weeks

Will help repel deer from the garden.

Blooms June - September.

SERPHYLLUM - 6286

Perennial. 2 in. - 250,000 S.

(Mother of Thyme). Creeping, sweet scented foliage, purple flowers. Will flower June - September. Zones: 3-9

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

TITHONIA

FIESTA DEL SOL - 4005

☞ 24-36 in. - (All America Winner-2000).

The first dwarf Mexican sunflower and the most compact on the market. Intense, bright orange, 3 in. single daisy type blooms enjoy extreme heat, are drought tolerant and will attract butterflies all summer long. A wind tolerant version for commercial cut flower production. There is an abundance of daisy flowers so that you can cut many for informal bouquets and numerous flowers will remain on the plant for the wildlife. Use in large patio containers or landscape. Basically, pest-free, not even deer find the hairy leaves worth eating.

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

TORCH - 4116

☞ 48 in. - 3,000 S. (All America Winner - 1951). A quick-growing summer annual that thrives on hot weather, easy to grow as a Zinnia. Brilliant orange-scarlet flowers, fine for cutting; blooms from August until frost.

250 sds - \$6.90	500 sds - \$11.20
1,000 sds - \$16.20	2,000 sds - \$26.40
5,000 sds - \$52.90	(29A9)

TORENIA

Wishbone Flower

375,000 sds/oz 75°-80° 7-10 days

Sow seeds on sterilized media and do not cover seed with soil. It is very important that you maintain 75° soil temperature throughout the germination process. Ideal as a pot plant, window boxes, hanging baskets or as a bedding plant; also called Florida Pansy.

DUCHESS SERIES

6-8 in. - (F-1 Hybrid). Early to flower, compact and uniform in both timing and plant habit. Performs well as a pot plant and because of its tight mounding habit, it is also suitable for bedding plant production. Weeks to flower: 11-13.

PELLETED SEED.

Blue And White - 4480PE

Blue with white throat.

Pink - 4483PE Hot pink with white throat.

Mixture - 4484PE

A formula mixture of all colors.

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

KAUAI SERIES

8 in. - Unsurpassed color, more compact and better branched habit than Clown series. Superior performance in extreme heat and humidity and exotic appearance in small garden settings. Great for mixed combos and color bowls; also suited to indoor containers.

PELLETED SEED.

Blue And White - 4500PE

Burgundy - 4489PE

Rich burgundy rim with white tube.

Deep Blue - 4490PE

Deepest blue variety on the market.

Lemon Drop - 4491PE

Unique bright white flowers have prominent yellow spots.

Magenta - 4492PE

Rich magenta rim with white tube.

Rose - 4493PE

Vivid rose with white tube.

White - 4494PE Bright, clear white.

Mixture - 4495PE

Very bright, attractive mixture includes Burgundy, Deep Blue, Lemon Drop, Magenta, Rose and White.

Each of the above: (28E9)	100 sds - \$8.85
200 sds - \$15.75	500 sds - \$28.25
1,000 sds - \$46.50	2,000 sds - \$85.60

TROLLIUS

Globe Flower 8,000 sds/oz 60°

Frost germinator. Freeze seed 2 weeks before sowing. Nice cut flower. Will flower April - July.

LEDEBOURI GOLDEN QUEEN - 6311

☞ **Perennial.** 24-30 in. - 17,500 S.

Prized for its flower, it produces globular shaped multi-petalled orange blossoms. Use as groundcover and suitable for bog gardening. Zones: 3-6 (29C9)

250 sds - \$13.75	500 sds - \$27.40	1,000 sds - \$43.65	2,000 sds - \$76.80	5,000 sds - 163.25
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TRACHELIUM

Throatwort

65-75° 7-14 days

Do not cover seeds. Needs 16 hour daylengths for faster flowering. Cutflower types bloom 17-27 weeks from sowing. Pot and bedding types bloom 16-20 weeks from sowing.

LAKE MICHIGAN SERIES

☞ **Perennial.** 30-42 in. - T. caeruleum.

Mid-season flowering, fragrant cut flower type with a large central umbel and smaller side umbels. Transplant mid-winter to early spring for spring to early summer flowering. May also be transplanted late summer to early autumn for autumn to early winter flowering. PELLETED SEED. Zones: 6-9

Blue - 6514PE ☞

Purple - 6468PE ☞

Violet - 6515PE ☞

White - 6513PE ☞

Mixture - 6520PE ☞

Complete mixture of all colors.

Each of the above: (28C9)	100 sds - \$7.70
200 sds - \$12.90	500 sds - \$22.55
1,000 sds - \$36.50	2,000 sds - \$66.40

TRITOMA

Kniphofia

20,000 sds/oz 70°-75° 3 weeks

After sowing seed, cover lightly with vermiculite. Light will help germination. A cylindrical cluster of small, tubular flowers held above tufts of bright, evergreen leaves. The flower cluster is bright red at the tip and yellow at the base, in which the nickname "Red Hot Poker" is derived. Blooms July - September, nice cutflower.

FLAMENCO - 6290

☞ ① **Perennial.** 30-32 in. - 15,000 S.

(All America Winner - 1999). Beautiful 8 in. early flowering spikes of creamy-white, orange, yellow, and red. Excellent cut flower, will flower the first year from seed. Zones: 5-9

50 sds - \$7.20	100 sds - \$11.75
250 sds - \$21.15	500 sds - \$32.15
1,000 sds - \$54.65	(26A9)

STARKS EARLY HYBRID - 6291

☞ **Perennial.** 36 in. - 10,500 S.

(Pfitzers Hybrid). Giant spikes of brilliant red, orange and yellow shades.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

VERBASCUM

Mullein

125,000 sds/oz 55°-60° 2-3 weeks

Will flower the same year from sowing.

PHOENICEUM MIXTURE - 6318

☞ **Perennial.** 24-36 in. - 260,000 S. Shades of white, pink, salmon and purple. Attractive border plant. Nice cut flower. Zones: 4-8

1,000 sds - \$6.90	2,000 sds - \$8.20
5,000 sds - \$13.25	10,000 sds - \$20.60
25,000 sds - \$40.85	(31A9)

SOUTHERN CHARM (PELLETED) - 6480PE

☞ **Perennial.** 24-30 in. - This unique variety offers a blend of creamy yellow, soft lavender, and peachy-rose shades, each marked with a fuzzy-like bee. Will bloom June-August from seed the first year sown. A tender perennial in many areas. Zones: 6-9

25 sds - \$8.65	50 sds - \$15.20
100 sds - \$22.55	250 sds - \$44.65
500 sds - \$75.50	(25C9)

VERBENA

10,000 sds/oz 70°-75° 14 days

For the best germination, we suggest freezing the seed for 5 days before sowing. Sow seed on sterilized media and cover very lightly. Keep surface of seed flat moist and maintain a soil temperature of 70° days and 60° nights after treating with Captan. (Cover flat with glass or plastic to maintain moisture). Once established, grow on at 65°; pinch early to avoid leggy growth. Darkness will help germination.

IMAGINATION - 4170

12 in. - 25,000 S. V. speciosa. (All America Winner - 1993). Intense violet-blue flowers contrast with the beautiful lacy foliage. The spreading habit makes this variety ideal in hanging baskets or tubs. Very heat and drought resistant under adverse conditions. Tender Perennial.

250 sds - \$9.25	500 sds - \$16.60
1,000 sds - \$25.35	2,000 sds - \$43.20
5,000 sds - \$89.75	(29C9)

VERBENA (continued)

OBSESSION CASCADE SERIES

Well branched spreading habit will quickly fill pots and baskets with vibrant, one of a kind flower patterns. Hearty and will continue to perform and flower in the garden well after many other varieties have died from disease. Enhanced seed for better and more uniform germination. Weeks to flower: 8-16.

Burgundy With Eye - 4988EN

Pink Shades - 4989EN

Scarlet - 4990EN

Twister Burgundy - 4778EN ★ New for 2019

Twister Violet - 4991EN

Swirling blooms in lilac, violet and white.

Each of the above: (25B9)	25 sds - \$7.90
50 sds - \$13.50	100 sds - \$19.70
250 sds - \$38.40	500 sds - \$64.50

OBSESSION SERIES

6-8 in. - Free-flowering and low growing, compact habit with proven outdoor performance. Perfect for packs. High uniformity makes production a breeze. Popular grower and garden favorite. Enhanced seed better and more uniform germination. Weeks to flower: 8-16.

Twister Purple - 4976EN

Swirling blooms in lavender, purple and white.

Twister Red - 4977EN

Swirling blooms in pink, red and white.

PEACHES AND CREAM - 4178

8 in. - 10,500 S. (All America Winner - 1992). A distinctly different color. The flowers are a blend of salmon and apricot that are pleasingly visible from a distance.

Each of the above: (28B9)	100 sds - \$6.90
200 sds - \$11.60	500 sds - \$19.70
1,000 sds - \$31.50	2,000 sds - \$56.80

VERBENA (continued)

QUARTZ SERIES

10-12 in. - 11,000 S. Primed Seed. Xp varieties are improved with earlier flowering, dark green foliage and better branching. The series has excellent plug vigor and 85%+ germination. Strong garden performance, uniformity and proven mildew tolerance. Heat and drought resistant plants on spreading mounded plants make this strain a garden standout for beds and mixed containers. Weeks to flower: 11-13

Blue - 4550

Solid medium blue.

Bordeaux Xp - 4159 ★ New for 2019

Burgundy With Eye Xp - 4182

Purple Xp - 4527

Red With Eye Xp - 4160

Scarlet Xp - 4165

Violet With Eye Xp - 4162

White Xp - 4554

Mixture Xp - 4164

Complete mix of all colors.

Patroit Mixture Xp - 4558

Scarlet, Blue and White.

Waterfall Mixture - 4161

Lavender Blue With Eye, Purple With White Eye and Solid White.

Each of the above: (28C9)	100 sds - \$7.70
200 sds - \$12.90	500 sds - \$22.55
1,000 sds - \$36.50	2,000 sds - \$66.40

Burgundy Xp - Crop failure.

As a substitute, we suggest Quartz Burgundy With Eye XP.

VERBENA (continued on next page)

Verbena New Colors for 2019!

Obsession Cascade & Twister

Plug Crop Time: 6 to 7 weeks

Transplant to finish: 7 to 9 weeks

- ☛ A cascade of color packed with value – ideal for packs, baskets and combinations. The first even trailing verbena from seed.
- ☛ Seed product form and high uniformity makes production and planning easier to execute.
- ☛ Fantastic choices in bold colors and top notch mixes.

Clockwise from top left: Cascade Scarlet, Twister Purple, Cascade Pink Shades, Twister Red, Cascade Burgundy with Eye



VERBENA (continued)

TUSCANY SERIES

8-10 in - 11,000 S. These full, bushy plants are naturally compact and well branched, big florets form large bloom heads. With a uniform germination, habit and flowering time, this series is sure to grow with ease in any hot and dry climate. Enhanced seed for better and more uniform germination. Weeks to flower: 12-14

Blue - 4662EN

Improved for 2019!

Burgundy With Eye - 4590EN

Lavender Picotee - 4547EN

Orchid Frost - 4591EN

Peach - 4543EN

Pink Picotee - 4548EN

Rose With Eye - 4544EN

Scarlet - 4592EN

Scarlet With Eye - 4477EN

White - 4546EN

Mixture - 4549EN

A complete mixture.

Pastel Mixture - 4975EN

A formula mixture of Lavender Picotee, Peach, Pink Picotee and White.

Each of the above: (28C9) 100 sds - \$7.70
200 sds - \$12.90 500 sds - \$22.55
1,000 sds - \$36.50 2,000 sds - \$66.40

Violet With Eye - Crop failure.

As a substitute, we suggest Quartz Violet With Eye XP.

VERBENA, HALF HARDY

95,000 sds/oz 70° 15 days

For the best germination, cover seed lightly after sowing and alternate temperatures from 75° days and 60° nights. Be sure to provide winter protection as these are tender perennials. Will attract hummingbirds, butterflies and songbirds all season.

BONARIENSIS (ENHANCED) - 6322EN

⊗ ① Perennial. 36-48 in. - 96,000 S. (Finesse). One of the best plants for attracting butterflies. This is a long-blooming, tough, drought tolerant plant that is among the easiest perennials to grow. An abundance of magenta-purple blooms are tiny and extremely profuse. ENHANCED SEED for improved and more uniform germination. Zones: 7

250 sds - \$11.50 500 sds - \$22.00
1,000 sds - \$34.50 2,000 sds - \$60.00
5,000 sds - \$126.50 (29E9)

CANADENSIS - 6320

Perennial. 8-10 in. - 25,000 S. A blooming machine of rose-lilac flowers. A great choice for the low-maintenance garden. Be sure to allow plenty of room, spills over edges nicely. This flamboyant knockout is stunnin paired with silver-leaved plants.

250 sds - \$6.90 500 sds - \$11.20
1,000 sds - \$26.40 5,000 sds - \$52.90
sds - \$16.20,000 (29A9)

VERBENA, HALF HARDY (continued)

DESERT JEWELS - 6337

Perennial. 5 in. - 25,500 S. Enjoy the pretty flowers and lacy foliage of this semi-trailing verbena. This fabulous color mix of blue, purple, red, rose and white produces long lasting blooms on drought tolerant plants that make a lovely addition to any garden. Zones: 9

250 sds - \$11.50 500 sds - \$22.00
1,000 sds - \$34.50 2,000 sds - \$60.00
5,000 sds - \$126.50 (29E9)

POLARIS - 6321

Perennial. 12 in. - 55,000 S. Beautiful silver-blue flowers on compact, uniform plants. Resistant to heat and will flower all summer long. Zones: 7-10

500 sds - \$7.30 1,000 sds - \$11.15
2,000 sds - \$16.70 5,000 sds - \$31.80
10,000 sds - \$53.55 (30B9)

SANTOS (ENHANCED) - 6319EN

① Perennial. 12 in. - 35,500 S. V. rigida. Compact and upright, well-branched plants are early-flowering and high Powdery Mildew resistance. Single flowers are deep purple to magenta. ENHANCED SEED for improved and more uniform germination. Zones: 7-11

250 sds - \$10.40 500 sds - \$19.30
1,000 sds - \$29.90 2,000 sds - \$51.60
5,000 sds - \$108.15 (29D9)

VERONICA

Speedwell

225,000 sds/oz 65°-70° 2 weeks

After sowing seed, cover lightly with vermiculite. Light will help germination. Free-flowering plants of great value in the perennial garden. Blooms June - August. Nice cut flower. Will attract butterflies, hummingbirds and songbirds all season.

BLUE BOUQUET (PELLETED) - 6323PE

⊗ ① Perennial. 18 in. - V. spicata. An excellent variety with tapered blue spikes with many small florets, highlighted by deep glossy green foliage. Easy to grow and will flower the first year. Zones: 5-9

100 sds - \$9.90 200 sds - \$18.50
500 sds - \$33.95 1,000 sds - \$56.50
2,000 sds - \$104.80 (28C9)

REPENS - 6326

Perennial. 2 in. - 278,000 S. V. repens. Dwarf, creeping habit with bluish flowers. Great as a groundcover that will spread and flourish in your flower bed or work perfectly between stepping stones or in a rock garden. Will tolerate light foot traffic and deer usually will avoid.

500 sds - \$7.30 1,000 sds - \$11.15
2,000 sds - \$16.70 5,000 sds - \$31.80
10,000 sds - \$53.55 (30B9)

ROYAL BLUE - 6329

⊗ Perennial. 12 in. - 86,000 S. (Germander Speedwell). V. teucrium. Gentian blue flower on bushy plants. Fine for rockeries and border. Zones: 3-8

250 sds - \$6.90 500 sds - \$11.20
1,000 sds - \$16.20 2,000 sds - \$26.40
5,000 sds - \$52.90 (29A9)

VERONICA (continued)

SPICATA BLUE - 6327

⊗ Perennial. 18 in. - 417,000 S. (Cat's Tail). Dense clusters of blue flowers from June to August. Fine for cutting. Zones: 3-8

500 sds - \$6.90 1,000 sds - \$9.35
2,000 sds - \$13.40 5,000 sds - \$24.40
10,000 sds - \$40.30 (30A9)

VINCA

CORA CASCADE SERIES

6-8 in. - 14,500 S. (F-1 Hybrid). Large flowers and thick glossy foliage. So well-branched they start to spread early on, creating a nice mound. Evenly covered with extra-large blooms, filling large beds, landscapes and baskets without bald spots. Very high tolerance to aerial Phytophthora and an excellent choice for regions that experience extended periods of hot, dry weather.

Apricot - 4203 Soft pastel apricot with contrasting dark eye.

Cherry - 4204 Improved for 2018! Cherry-red.

Lavender With Eye - 4212 Soft lavender blooms with bright white center.

Lilac - 4205 Light purple with a red eye.

Peach Blush - 4207 Dusty peach with red eye.

Polka Dot - 4208 White with red eye.

Shell Pink - 4213 Soft pink.

Strawberry - 4209

Bicolor pink blooms with a rosy center.

Violet - 4201

White - 4214 Pure white.

Mixture - 4210

A complete mixture of all colors.

Each of the above: (25A9) 25 sds - \$7.20
50 sds - \$11.75 100 sds - \$16.85
250 sds - \$32.15 500 sds - \$53.50

CORA CLASSIC RED - 4193

* New for 2019 14-16 in. - 12,000 S. Rockin' red. Still the only true-red vinca on the market with resistance to aerial Phytophthora.

50 sds - \$7.20 100 sds - \$11.75
250 sds - \$21.15 500 sds - \$32.15
1,000 sds - \$54.65 (26A9)

JAMS N JELLIES SERIES

10-14 in. - 13,000 S. Easy to grow plants have excellent tolerance to drought and heat. Mature plants reach 10-14 inches tall making them a perfect medium height divider. The 2-inch flowers are complimented by deep green shiny leaves creating a rich background for the richly dark flowers. Weeks to flower: 9.

Blackberry - 4196

(All America Winner - 2012). Unique velvety deep purple.

Blueberry - 4198 Unique color! Deep purple-blue with a dark eye.

American Pie Mixture - 4197

Mixture of Blackberry, Red and White.

Each of the above: (26B9) 50 sds - \$7.90
100 sds - \$13.50 250 sds - \$24.90
500 sds - \$38.40 1,000 sds - \$65.90



Light Pink



14-16 in. - 12,000 S. The vinca that fights back! Offers season-long flowering and survival in landscape plantings. Highly resistant to ten of the most virulent isolates of *Phytophthora nicotianae* that cause *Phytophthora* blight on annual vinca. Easier to grow! Improved branching, uniformity, and free-flowering makes this series ideal for premium packs and small to larger pots. Higher consumer appeal with large showy flowers in the widest range of solid and high demand bicolor patterns of any disease resistant vinca on the market.

- Cranberry - 4190** * *New for 2019*
- Deep Strawberry - 4191** * *New for 2019*
- Hotgenta - 4192** * *New for 2019*
- Light Pink - 4194** * *New for 2019*
- Magenta Halo - 4199** * *New for 2019*
- Orchid - 4188** * *New for 2019*
- Pink Halo - 4176** * *New for 2019*
- Polka Dot - 4177** * *New for 2019*
- White - 4189** * *New for 2019*
- Mixture - 4195** * *New for 2019*

All colors plus Orchid Halo.
 Each of the above: (28G9) 100 sds - \$9.90
 200 sds - \$18.50 500 sds - \$33.95
 1,000 sds - \$56.50 2,000 sds - \$104.80

VINCA (continued)

MEDITERRANEAN SERIES

5-6 in. 18,000 S. Trailing/cascading habit. Big, high-impact blooms with overlapping petals smothered in cheery 2 in. flowers from May till frost. Sun loving and trouble free. Outstanding with great heat and weather tolerance. XP varieties are improved with earlier flowering, better spreading habit, larger flowers and improved germination. Weeks to flower: 10-12.

- Peach Xp - 4220** **Red Xp - 4218**
 - Strawberry Xp - 4290** **White Xp - 4219**
- Each of the above: (28D9) 100 sds - \$8.25
 200 sds - \$14.35 500 sds - \$25.40
 1,000 sds - \$41.50 2,000 sds - \$76.00

PACIFICA SERIES

12-14 in. - 14,000-21,000 S. Large 2 in. flowers with overlapping petals. Very early and free-flowering with excellent basal-branching habit, resists stretching even in intense heat. XP varieties are improved with earlier flowering, better spreading habit, larger flowers and improved germination. Weeks to flower: 10-14.

- Apricot Xp - 4163**
Soft pastel ivory with a dark eye.
- Blush Xp - 4141**
Light rose with deeper rose eye.
- Burgundy Halo Xp - 4035**
(All America Winner - 2007). Dark burgundy with white center.

VINCA, PACIFICA SERIES (continued next column)

VINCA, PACIFICA SERIES (continued)

- Burgundy Xp - 4183**
 - Cherry Halo Xp - 4118**
Cherry with large white eye
 - Cranberry Xp - 4425**
Burgundy-red with small white center.
 - Dark Red Xp - 4113** Dark red eye makes it the darkest red in its class!
 - Deep Orchid Xp - 4129**
Deep lavender orchid.
 - Icy Pink Xp - 4049**
 - Lilac Xp - 4145** Light purple.
 - Magenta Halo Xp - 4127**
Magenta with large white eye
 - Orange Xp - 4114** Dark reddish-orange.
 - Polka Dot Xp - 4155**
White with small red center.
 - Punch Xp - 4154**
Deep rose-pink with dark rose eye.
 - Raspberry Xp - 4124** ✂
Raspberry-red.
 - Really Red Xp - 4125**
True red with small yellow eye.
 - Rose Halo Xp - 4054**
 - White Xp - 4056**
 - Lipstick Mixture Xp - 4131** A formula blend of Blush, Deep Red, and Punch.
 - Mixture Xp - 4156**
A formula blend of all varieties.
- Each of the above: (29B9) 250 sds - \$8.15
 500 sds - \$13.90 1,000 sds - \$20.80
 2,000 sds - \$34.80 5,000 sds - \$71.40

Tattoo Series

- Black Cherry - 4184**
Swirls of cherry and raspberry are lightly airbrushed with black tones.
 - Papaya - 4185**
Beautiful, soft orangesicle-toned petals are marked with an inky black eye.
- (26B9) 50 sds - \$7.90 100 sds - \$13.50 250 sds - \$24.90 500 sds - \$38.40 1,000 sds - \$65.90

- Raspberry - 4186**
Deep raspberry blooms mature to a soft rose color, each accented with an inky black eye.
- Tangerine - 4187**
Swirls of black airbrushed into tangerine blooms with a bright eye.

NEW FOR 2019! **Vinca Tattoo Series**

Plug Crop Time: 5 weeks
 Transplant to finish: 5 to 6 weeks

[Order Online at germaniaseed.com](http://germaniaseed.com)

- Very floriferous and well-branched plants display one-of-a-kind flowers with an overlapping, fully rounded form that won't show gaps in hot and sunny conditions.
- 3 to 5-day flowering window with an appealing upright habit across all colours.



Raspberry

Papaya

Black Cherry

Tangerine




VIOLA

25,000 sds/oz 65° 2-3 weeks

Pre-chill seed in refrigerator 3-5 days before sowing. Do not use bottom heat. After sowing, cover seeds lightly and place seed flat in dark area. Needs darkness to germinate. Perfectly hardy, fine for bedding. Does well in shady areas. Will flower March-June the first year from seed.

FRIZZLE SIZZLE MINI SERIES

Mixture - 6341  New for 2019

6-8 in. - (F-1 Hybrid). Unique frilly flower! Mixture includes Purple Shades, Tapestry and Yellow.

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

JOHNNY JUMP UP (HELEN MOUNT) - 6366

Perennial. 10 in. - 43,000 S. Pansy-like faces of purple, blue and yellow combinations are produced in abundance. Delicately fragrant flowers are edible and make delightful garnishes. Zones: 4-9

1,000 sds - \$7.60	2,000 sds - \$11.80
5,000 sds - \$21.85	10,000 sds - \$36.60
25,000 sds - \$77.10	(31C9)

LABRADORICA - 6358

Perennial. 3-6 in. - 33,000 S. V. purpurea. Decorative dark purple foliage with lavender-blue flowers. Semi trailing habit. Zones: 2-8

100 sds - \$7.70	200 sds - \$12.90
500 sds - \$22.55	1,000 sds - \$36.50
2,000 sds - \$66.40	(28C9)

PENNY SERIES

4-6 in. - 26,000-44,000 S. (F-1Hybrid). Distinct and strong colors, distinct patterns and better flower appearance make this an ideal series. Plant habit fills out the cell/pot without becoming too big. Bred to be cold and heat tolerant, they are ideal for spring and fall planting that show their colors all season. Non-stretching stems under warm conditions. Robust root system for better over-wintering performance. Weeks to flower: Spring: 11-13 Summer 9-10. Zones: 8-11

Azure Dawn - 6404 Unique color of blue shades fading to soft yellows.

Azure Wing - 6410 Azure upper petals with white lower petals.

Black - 6428

Blue - 6416 Clear mid-blue.

Clear Yellow - 6522

Deep Blue - 6406 Improved for 2018!

Denim Jump Up - 6767 Purple with faded white face and a blotch. Dark purple cap.

Marlies - 6524 Yellow lower petal, fading to lilac upper petals with blotch.

Mickey - 6768 Purple with white face and a blotch with whiskers. Deep purple cap.

VIOLA PENNY SERIES (continued next column)

VIOLA PENNY SERIES (continued)

Orange - 6446

Orange Jump Up - 6407

Orange with mahogany upper petals.

Peach Jump Up - 6528

Peach shades with purple cap.

Primrose Picotee - 6530

Soft yellow face with dark whiskers and deep purple halo around outer edges.

Purple Marina - 6443

Purple Picotee - 6529

Cream with whiskers and purple picotee.

Red Blotch - 6462

Shades of scarlet and red with blotches

Red Wing - 6771

Yellow with whiskers and mahogany cap.

Rose Blotch - 6769

Rose with a dark blotch.

Violet Face - 6773 Violet outer petals surrounding violet and white center face.

White - 6408

Yellow - 6415 Golden yellow.

Yellow Jump Up - 6429

Improved for 2018! Deep violet upper petals with golden-yellow lower petals.

Yellow With Blotch - 6463

All Seasons Mixture - 6584 Blue, Deep Blue, Orange, Yellow and Yellow Frost.

Jump Up Mixture - 6587

A formula mixture of all Jump Up colors.

Penny Lane Mixture - 6414

A formula mix of all colors.

Each of the above: (28B9)	100 sds - \$6.90
200 sds - \$11.60	500 sds - \$19.70
1,000 sds - \$31.50	2,000 sds - \$56.80

Azure Twilight - Crop failure. As a substitute, we suggest Penny Azure Dawn.

Beaconsfield - Discontinued. As a substitute, we suggest Sorbet Beaconsfield.

Citrus Mixture - Sorry, no longer available.


Lavender Shades - Crop failure. As a substitute, we suggest Penny Beaconsfield.

Orchid - Crop failure. As a substitute, we suggest Penny Violet.

Violet Flare - Crop failure. As a substitute, we suggest Penny Violet Face.

QUICKTIME SERIES

6-8 in. - (F-1 Hybrid). Early blooming, free flowering provide bright color in early Spring and Autumn gardens. Flowering 2 weeks faster than comparable series. Weeks to flower: Autumn 3-4, Spring 5-6.

Blue Purple Jump Up - 6757  New for 2019

Light blue face with deep purple cap.

Mickey - 6758  New for 2019

Deep purple cap with white face and a blotch.

Yellow Violet Jump Up - 6759  New for 2019

Yellow with purple caps and whiskers.

Each of the above: (28C9)	100 sds - \$7.70
200 sds - \$12.90	500 sds - \$22.55
1,000 sds - \$36.50	2,000 sds - \$66.40

VIOLA (continued)

SORBET SERIES

6-8 in. - 25,500-62,000 S. (F-1 Hybrid). An outstanding series of beautiful colors and color combinations. Free flowering and uniform growth with good heat and cold tolerance make this is good item for Spring and Fall production. Sorbet XP offers the most uniform habit and tightest flowering window. Superior branching for more blooms and less stretch means excellent shelf life. The most colors of any viola series, the best choice available for creating programs. Weeks to flower: 7-9.

Antique Shades - 6370 Maroon rose shades.

Babyface Ruby And Gold - 6425

Ruby with a gold center and blotch.

Beaconsfield - 6351 Rich lavender with deeper shades on the lower petals.

Black Delight - 6371 Pure velvety black.

Blackberry Xp - 6500 Velvety, purple-black flowers with a tiny yellow eye.

Blue Blotch Xp - 6308

Dark blue with dark blotch.

Carmine Rose - 6483 (Formerly Skippy Carmine Rose). Deep, clear carmine rose.

Deep Orange Xp - 6365

Delft Blue Xp - 6435

Unique true blue with white face.

Denim Jump Up Xp - 6477

Blue with deep blue upper petals.

Fire - 6541 Yellow-red bicolor with blotch.

Honeybee - 6374 Mustard yellow with a copper-orange bicolor.

Icy Blue - 6354 Sky blue with dark center.

Lavender Pink - 6381

Lemon Blueberry Swirl - 6469 Cherry lemon yellow encircled with purple-blue swirls.

Lemon Chiffon - 6394

Lemon and yellow bicolor.


Lemon Jump Up Xp - 6312

Marina Xp - 6493

Light blue with white blotch.

Midnight Glow - 6484 Unique, purple bloom with a yellow and blue face with consistent blotch.

Morpho Xp - 6538 Blue & yellow bicolor.

Neptune Xp - 6379  New for 2019

Beautiful cream with blue picotee.

Orange Jump Up - 6439 (Formerly Orange Duet). Purple cap and orange face.

Orange Xp - 6445 Bright orange.

Orchid Rose Beacon Xp - 6451

Orchid-rose with light cap.

Phantom Xp - 6542

Deep black-purple with varying degrees of white around the blotch.

Pink Halo Xp - 6333

Light pink with white around the face.

Pink Wing Xp - 6486

White lower bloom with light pink cap.

Primrose Blotch Xp - 6539

Light yellow with large blotch.

VIOLA SORBET SERIES (continued next column)


VIOLA SORBET SERIES (continued)

Purple Face Xp - 6454 Deep violet purple with white face and babyface blotch.

Purple Xp - 6378 Pure deep violet.

Raspberry Xp - 6442
Rose pink and white shades.

Red Blotch Xp - 6382

Rose Wing - 6364  *New for 2019*
Deep pink to rose cap with a white face.

True Blue Xp - 6356

Violet Beacon Xp - 6455
Purple-blue with a light cap.

White Blotch Xp - 6536

White Jump Up Xp - 6436
(Formerly Coconut Duet XP). Purple cap with white face and whiskers.

White Xp - 6456 Bright white.

Yellow Blue Jump Up - 6362

Yellow Burgundy Jump Up Xp - 6363

Yellow Jump Up Xp - 6388
(Formerly Yellow Duet XP). Purple cap with golden yellow lower petals.

Yellow Pink Jump Up Xp - 6361

Yellow with pink upper petals.

Yellow Violet Jump Up - 6376

Yellow with bright violet purple caps.

Yellow Xp - 6349

Improved for 2018! Pure yellow.

Ytt - 6400

(Yesterday, Today and Tomorrow).
Flowers open white, then turn blue shades as they mature.

Blotch Mixture Xp - 6373

A mixture of all blotched colors.

Mixture - 6401

A formula mixture of all colors.

Each of the above: (28C9)	100 sds - \$7.70
200 sds - \$12.90	500 sds - \$22.55
1,000 sds - \$36.50	2,000 sds - \$66.40

Coconut Swirl - Crop failure.

As a substitute, we suggest Sorbet Neptune.

Yellow Frost Xp - Crop failure.

As a substitute, we suggest Sorbet YTT.

TIGER EYE SERIES

4-8 in - 35,400 S. (F-1 Hybrid). An absolute must for any Halloween promotion. Unique, no freak of nature, rather the result of an impressive breeding program. Flowers are 1 1/2 in. and have black vein-like loops radiating from a black center. Earlier flowering, much improved plant habit and better seed quality means it can be grown alongside mainstream Viola and Pansy crops. Create an eye-catching display in borders or containers. Culinary note: Some parts of these flowers are edible. The crystallised petals are great decorations for cakes and cookies or they can be added straight to green salads for an injection of color. Zones: 4-9

Red - 6476 **Yellow Improved - 6475**

Mixture - 6479

A mixture of the above colors.

Each of the above: (28F9)	100 sds - \$9.40
200 sds - \$17.10	500 sds - \$31.10
1,000 sds - \$51.50	2,000 sds - \$95.20

ZINNIA, ANGUSTIFOLIA

Z. linearis

50,000 sds/oz

CRYSTAL SERIES

6-8 in. - 70,000 S. Very early and compact. Single daisy-like blooms measure 1-2 in. across and are held just above the dense, handsome dark green foliage. A terrific low maintenance choice for any sunny location where fast, lush coverage is needed. Tolerant of heat, humidity and dry conditions. Weeks to flower: 8-10.


Orange - 4437


White - 4433 (All America Winner - 1997).


Yellow - 4438


Each of the above: (28E9)	100 sds - \$8.85
200 sds - \$15.75	500 sds - \$28.25
1,000 sds - \$46.50	2,000 sds - \$85.60


STAR SERIES

 14 in. - 56,000 S. Beautiful 2 in. single star-shaped flowers. This narrow leafed variety is tolerant of heat, drought, humidity, alternaria, and powdery mildew. Weeks to flower: 8-10.

Gold - 4432 

Orange - 4430 

White - 4429 

Mixture - 4431 

Each of the above: (30E9)	500 sds - \$9.55
1,000 sds - \$16.55	2,000 sds - \$26.60
5,000 sds - \$53.90	10,000 sds - \$93.30

ZINNIA, DWARF

Z. Elegans

from 6 to 12 inch height

BUTTON BOX MIXTURE - 4411

12 in. - 6,000 S. Our own formula blend of all varieties in this class. Blooms about the same size as the Lilliputs. The compact plants only reach 12 in. high and are excellent for borders. Many flowers covering the plants leave a pleasing show of color.

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

MAGELLAN SERIES

12-14 in. - 3,500 S. (F-1 Hybrid). Replacement for Peter Pan series. Significant improvement with large, fully double, 4-5 in. brightly colored flowers on strong, vigorous plants that are uniformly compact. Weeks to flower: 8-9.

Cherry - 4296

Coral - 4298 (All America Winner - 2005)

Ivory - 4249

Orange - 4253

Pink - 4297

Salmon - 4295

Scarlet - 4262

Yellow - 4252

Mixture - 4299

Each of the above: (25C9)	25 sds - \$8.65
50 sds - \$15.20	100 sds - \$22.55
250 sds - \$44.65	500 sds - \$75.50

ZINNIA, ANGUSTIFOLIA (continued)

OLD MEXICO - 4419

12-15 in. - 16,000 S. (All America Winner - 1962). Attractive 2-1/2 in. bicolor flowers on rich mahogany-red base overlaid with varying shades of golden-yellow. Nice, large flowered, heat resistant variety.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)


PROFUSION SERIES

12 in. - 13,500 S. (F-1 Hybrid). Beautiful 2 in. flowers are early flowering and uniform in habit with compact growth. Double series features unique fully double flowers petals. Heat and drought tolerant, ideal for pots and bedding. Weeks to flower: 4-6.

Apricot - 4273

Light coral with terra cotta center

Cherry - 4280 (All America Winner - 1999).

Cherry Bicolor - 4348  *New for 2019*

Two-tone cherry shades.

Deep Apricot - 4305

Double Deep Salmon - 4346

(All America Winner - 2013). Deep pink-orange.

Double Fire - 4876 Deep orange scarlet.

Double Golden - 4875

Bright golden yellow.

Double Hot Cherry - 4345

(All America Winner - 2013). Rich rose.

Double White - 4877 Clear white.

Double Yellow - 4347 Radiant yellow.

Fire - 4274 Scarlet-orange

Lemon - 4303

Orange - 4281 (All America Winner - 1999).

Red - 4289 (All America Winner - 2017).

White - 4286 (All America Winner - 2001).

Yellow - 4327

Bright yellow.

5 Color Mixture - 4325

Apricot, Cherry, Fire, Orange and White.

7 Color Mixture - 4272

Apricot, Cherry, Coral Pink, Fire, Orange, White and Yellow.

All America Mixture - 4233

Contains all of the All America Selection winners in this series. Cherry, Orange, Red and White.

Double Mixture - 4878

Mixture of all Double Profusion Colors.

Mixture - 4287

Contains all colors in the series, except Double and Knee High varieties.

Sunrise Mixture - 4326

Fire, White and Yellow.

Each of the above: (26B9)	50 sds - \$7.90
100 sds - \$13.50	250 sds - \$24.90
500 sds - \$38.40	1,000 sds - \$65.90

Coral Pink - Crop failure. As a substitute, we suggest Profusion Deep Apricot.

ZINNIA, ANGUSTIFOLIA
(continued on next page)

ZINNIA, ANGUSTIFOLIA (continued)

SWIZZLE SERIES

10-12 in. - 4,000 S. (F-1 Hybrid). Large, fully double bicolor flowers. Nice compact habit, excellent for pack or pot sales. Weeks to flower: 8-9.

Cherry And Ivory - 4235

Cherry with ivory tips.

Scarlet And Yellow - 4237

Scarlet and yellow tips.

Mixture - 4239

Mixture of both colors.

Each of the above: (24A9)	10 sds - \$6.90
25 sds - \$12.20	50 sds - \$19.70
100 sds - \$30.20	250 sds - \$65.70

ZINNIA, ANGUSTIFOLIA (continued)

SHORT STUFF MIXTURE - 4264

8-10 in. - 4,000 S. (F-1 Hybrid). Aptly named, this variety is distinctly more dwarf than others. Large 3-4 in. fully double blooms. Colors include, Cherry Red, Coral, Gold, Orange, Red, Scarlet and White blooms. Ideal for pot production. Weeks to flower: 8-9.

25 sds - \$8.65	50 sds - \$15.20
100 sds - \$22.55	250 sds - \$44.65
500 sds - \$75.50	(25C9)

ZINNITA MIXTURE - 4344

6-8 in. - 5,000 S. Naturally compact habit with an abundance of 1 1/2 - 2 in. fully double flowers. Well branched, globe shaped habit.

100 sds - \$9.40	200 sds - \$17.10
500 sds - \$31.10	1,000 sds - \$51.50
2,000 sds - \$95.20	(28F9)

ZINNIA, ANGUSTIFOLIA (continued)

THUMBELINA MIXTURE - 4399

6 in. - 5,500 S. (All America Winner - 1963). A spectacular, early blooming little zinnia, covered with double and semi-double 1-1/2 in. flowers throughout the season. A colorful mixture of orange, scarlet, pink, yellow and white. The tiny plants begin to flower in flats or pots about 60 days after the transplanting when they are less than 4 in. high. Outstanding garden performance.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)



Zahara Series

12-18 in - 14,000S. Z. marylandica.

- Larger, single flowers, with some double flowers, in stronger colors than the Profusion Series.
- Outstanding in sunny, hot and dry conditions.
- Superior disease tolerance.
- Weeks to flower: 4-6.

50 sds - \$7.90	100 sds - \$13.50
250 sds - \$24.90	500 sds - \$38.40
1,000 sds - \$65.90	(26B9)

Double Bright Orange - 4417

Intense bright orange color. Very floriferous, with slightly smaller flowers than the others in the series.

Double Cherry - 4427

(All America Winner - 2017).

Double Fire - 4428

(All America Winner - 2010).

Double Raspberry Ripple - 4450

Rose and white bicolor. Cooler temperatures accentuate the rose color; as flowers age and under more heat, the white comes out more.

Double Salmon - 4439

Double Strawberry - 4426

Rose with white petals toward the center.

Double White - 4418

White with some blooms showing a pink blushing.

Double Yellow - 4424

Fire - 4391

Bright orange-red.

Raspberry - 4379

Red - 4389

Starlight Rose - 4392 (All America Winner 2010). White with rose stripe.

Sunburst - 4436

Ravishing bicolor orange-yellow.

White - 4382

Pure White.

Yellow - 4383

Double Brilliant Mixture - 4421

A mixture of Double Cherry, Double Fire and Double Yellow.

Double Duo Mixture - 4488

Mixture of Cherry and Fire.

Double Mixture - 4447 A formula mixture which contains all the Doubles in the series.

Mixture - 4384

Well-balanced mix of the above colors.

Raspberry Lemonade Mixture - 4487

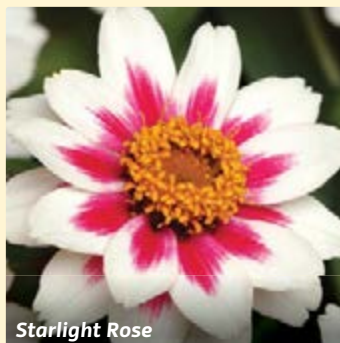
A formula mixture of Coral Rose, Starlight Rose and Yellow.



Double Bright Orange



Double Raspberry Ripple



Starlight Rose



Mixture



Double Fire



Double Salmon



Yellow



Sunburst

ZINNIA, MEDIUM

Z. Elegans

from 16 to 24 inch height

BURPEEANA GIANT MIXTURE - 4293

☞ 24 in. - 3,000 S. Giant Cactus Type. Large zinnias with a unique habit of growth. Large, full blossoms that appear curled and twisted, full range of colors. Strong laterals continue the lively display of bloom all through summer and early fall.

500 sds - \$7.30	1,000 sds - \$11.15
2,000 sds - \$16.70	5,000 sds - \$31.80
10,000 sds - \$53.55	(30B9)

LILLIPUT FINEST MIXTURE - 4355

☞ 5,000 S. The most popular for cut flowers. A formula mixture of Canary Yellow, Pink, Purple, Scarlet, and White. Flowers are small, compact and symmetrical, on strong stemmed plants.

1,000 sds - \$6.90	2,000 sds - \$9.90
5,000 sds - \$17.55	10,000 sds - \$28.60
25,000 sds - \$58.90	(31B9)

POP ART GOLDEN AND RED - 4434

☞ 24 in. - 2,500-4,000 S. A real "wow factor" dazzling the eye with sensuous color. Large bright golden-yellow, fully double blossoms that are flecked with splashes and speckles of red. Each blossom is unique. Makes an eye-catching display in the garden. Strong disease resistant plant.

100 sds - \$6.90	200 sds - \$10.20
500 sds - \$16.85	1,000 sds - \$26.50
2,000 sds - \$47.20	(28A9)

SUN SERIES

24-32 in. - 4,000 S. (F-1 Hybrid). (All America Winner - 1978). Beautiful, 4 in. fully double flat dahlia-type flowers. Compact, strong growing habit with good weather tolerance and garden performance. Weeks to flower: 8-10.

Cherry - 4224

Gold - 4223 ☞

(All America Winner - 1979). Golden yellow.

Red - 4234 ☞

(All America Winner - 1978). Scarlet-red.

Mixture - 4232 ☞

Each of the above: (26D9)	50 sds - \$9.35
100 sds - \$16.90	250 sds - \$32.60
500 sds - \$50.90	1,000 sds - \$88.40

SWIRLS - 4420

☞ 24-60 in. - 4,000 S. Pretty 4 in. bicolor flowers of rose and white or red and yellow. Flowers are fully double to semi double with flat petals that are slightly ruffled.

500 sds - \$6.90	1,000 sds - \$9.35
2,000 sds - \$13.40	5,000 sds - \$24.40
10,000 sds - \$40.30	(30A9)

ZINNIA, MEDIUM (continued)

ZAHARA XL SERIES

18-24 in. - 12,500 S. Z. marylandica. Tremendous disease resistance means great landscape performance. More vigorous and has larger blooms filling in quickly in the landscape. Once established, can be considered drought tolerant and capable of withstanding intermittent watering. The ideal choice for busy people who do not have time to take care of plants or avid gardeners who are bound by water restrictions. A great choice for low water gardens. Suitable for pot tight production of 4 in. pots for sales of bold colored bedding plants.

Fire - 4862 Rich orange-red.

Pink - 4863 Rich true rose.

White - 4864 Clear ivory white.

Yellow - 4865 Clean yellow.

Mixture - 4866

Each of the above: (26B9)	50 sds - \$7.90
100 sds - \$13.50	250 sds - \$24.90
500 sds - \$38.40	1,000 sds - \$65.90

ZINNIA, TALL

Z. Elegans

30 inch height and greater

BENARYS GIANT SERIES-RAW SEED

☞ 36-48 in. - 4,000 S. A special selection with long, thick sturdy stems and large 4-5 in., fully double blooms. Outstanding strain with good garden performance and mildew resistance for a cut flower. RAW SEED.

Bright Pink - 4312 ☞

Carmine Rose (exquisite) - 4318 ☞
Rose-carmine.

Coral (halo) - 4321 ☞ Cerise.

Deep Red (meteor) - 4322 ☞
Deep crimson.

Golden Yellow (golden Dawn) - 4319
Golden yellow.

Lilac (dream) - 4315 ☞ Lilac.

Lime - 4300 ☞
Unique and fashionable lime green color.

Orange (golden State) - 4320 ☞
Golden-orange.

Purple (purple Prince) - 4324 ☞
Violet-purple.

Salmon Rose (eldorado) - 4317 ☞
Salmon-rose.

Scarlet (scarlet Flame) - 4308 ☞
Orange-scarlet.

White (polar Bear) - 4323 ☞

Wine - 4387 ☞ Wine-red.

Mixture - 4306

A complete mixture of all colors.

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

CACTUS FLOWERED MIXTURE - 4410

☞ 24-36 in. - 4,000 S. Add fireworks to bouquets! Stunning cactus-type flower form with layers of narrow, pointed petals. Large 3-4 inch fully double and semi-double blooms. Sturdy upright plants produce an abundance of flowers in orange, red, yellow, pink, salmon and purple.

Each of the above: (30A9)	500 sds - \$6.90
1,000 sds - \$9.35	2,000 sds - \$13.40
5,000 sds - \$24.40	10,000 sds - \$40.30

ZINNIA, TALL (continued)

CANDY CANE - 4422

☞ 24-30 in. - 4,000 S. Novel bicolor zinnia with stripes, flecks and splashes of color. Old-fashioned dahlia-flowered type with 4 inch and double blooms. Flower in white with bright pink, rose & cherry and yellow with scarlet.

Each of the above: (30A9)	500 sds - \$6.90
1,000 sds - \$9.35	2,000 sds - \$13.40
5,000 sds - \$24.40	10,000 sds - \$40.30

CUPCAKES SERIES

☞ 30 in. - 3,500 S. A party in your garden! A vibrantly colored smorgasboard of scrumptious flowers. The fully double and semi double, 2 in. blooms burst open into puffy mounds of petals. Like single serving temptations, they look as though they are heaped and piled high with frosting. Fill beds, borders and planters with these delightful garden treats. Weeks to flower: 9-12.

Cream White - 4360 ☞

Deep Orange - 4362 ☞

Pink - 4366 ☞

Red - 4365 ☞

Yellow - 4367 ☞

Mixture - 4359 ☞

A blend of all the above colors.

Each of the above: (28D9)	100 sds - \$8.25
200 sds - \$14.35	500 sds - \$25.40
1,000 sds - \$41.50	2,000 sds - \$76.00

DAHLIA FLOWERED

☞ 36-40 in. 2,500-3,000 S. (Giant Mammoth). Tall sturdy stems with 5 1/2 in. blooms. Good garden performer and cut flower.

Bright Pink (luminosa) - 4309 ☞
Bright deep pink.

Canary Yellow (canary Bird) - 4655 ☞
Canary yellow.

Carmine Rose (exquisite) - 4665 ☞
Rose-carmine.

Deep Red (meteor) - 4658 ☞
Reddish purple.

Golden Orange (golden State) - 4656 ☞
Golden orange.

Orange (oriole) - 4657 ☞ Orange gold.

Purple (purple Prince) - 4659 ☞
Violet-purple.

Salmon Queen (eldorado) - 4666 ☞
Salmon-rose.

Scarlet (scarlet Flame) - 4660 ☞ Scarlet.

White (polar Bear) - 4661 ☞ White.

Mixture - 4654 ☞

A mixture of all the above colors.

Each of the above: (10A8)	1/4 oz. - \$6.90
1/2 oz. - \$9.70	1 oz. - \$13.20
2 oz. - \$22.60	4 oz. - \$36.70

ENVY - 4292

☞ 30 in. - 4,500 S. These flowers really make people stop and take notice, their lovely chartreuse-green color is absolutely stunning. Large flowers, 3-4 in. across. A fine cut flower, combining well with almost any color.

Each of the above: (30A9)	500 sds - \$6.90
1,000 sds - \$9.35	2,000 sds - \$13.40
5,000 sds - \$24.40	10,000 sds - \$40.30

ZINNIA, TALL (continued on next page)

ZINNIA, TALL (continued)

GIANTS OF CALIFORNIA MIXTURE - 4333

☞ 36-48 in. - 3,000-4,000 S. The plants are taller than the Dahlia Flowered type, which adapt it particularly for use as a cut flower. The flowers are very large and flat, giving a graceful effect.

A formula blend of Cherry, Orange, Pink, Purple, Scarlet, White and Yellow.

INDIAN SUMMER MIX - 4342

☞ 36-48 in. - 4,000 S. Blend of California Giant and Dahlia Flowered zinnias in rich autumn tones, such as bright reds, yellows and orange.

PUMILA DOUBLE MIXUTRE - 4377

☞ 24-30 in. - 4,000 S. Cut and Come Again. This garden favorite is an important early cut flower. Intermediate flowers between Giants and Lilliputs.

STATE FAIR MIXTURE - 4288

☞ 36-48 in. - 4,000 S. A well balanced formula blend. A giant Tetraploid zinnia with thicker leaves and stockier growth than regular types with very large 5-6 in. flowers. Especially good in packs or flats for bedding plant sales, as the small plants present a much better appearance. Has more resistance to powdery mildew than California or dahlia flowered strains.

Each of the above: (30A9) 500 sds - \$6.90
1,000 sds - \$9.35 2,000 sds - \$13.40
5,000 sds - \$24.40 10,000 sds - \$40.30

ZINNIA, TALL (continued)

QUEENY SERIES



Lime - 4471 ☞ Unique lime green color.

Lime Red - 4472 ☞ Maroon-red petals, then crowded with lime green.

Lime With Blotch - 4474 ☞ Lime with maroon center.

Each of the above: (26A9) 50 sds - \$7.20
100 sds - \$11.75 250 sds - \$21.15
500 sds - \$32.15 1,000 sds - \$54.65

Lime Orange - 4465 ☞

24 in. - (All America Winner-2018). The unique color evolves from shades of lime, orange, peach, salmon and yellow, with a dark center as the flowers age.

50 sds - \$7.90 100 sds - \$13.50
250 sds - \$24.90 500 sds - \$38.40
1,000 sds - \$65.90 (26B9)

ZINNIA, TALL (continued)

OKLAHOMA SERIES

☞ 28-40 in. - 4,000 S. Beautiful Pumilla or Ruffled type 2 in. fully double flowers with some semi doubles present. Disease resistant and less susceptible to Powdery Mildew.

Pink - 4867 ☞ **Salmon - 4868** ☞

Scarlet - 4872 ☞ **White - 4870** ☞

Mixture - 4869 ☞

Each of the above: (29A9) 250 sds - \$6.90
500 sds - \$11.20 1,000 sds - \$16.20
2,000 sds - \$26.40 5,000 sds - \$52.90

UPROAR ROSE - 4371

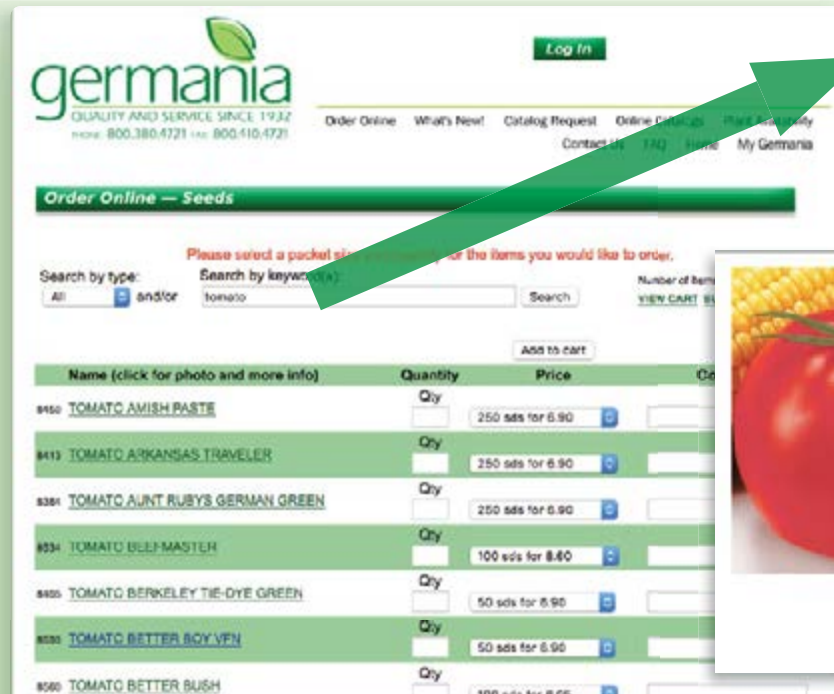
☞ 30-36 in. - 3,000 S. (F-1 Hybrid). Vivid rose color. Well branched, bushy plants are covered with double flowers. Hybrid vigor creates exceptional uniformity and flower quality. Weeks to flower: 8-10.

ZOWIE YELLOW FLAME - 4390

☞ 24-30 in. - 4,000 S. (F-1 Hybrid). (All America Winner - 2006). Loaded with eye-catching 3-4 in. semi-double flowers of gold and magenta-orange. Upright habit makes for an ideal home garden cut flower. Weeks to flower: 8-10.

Each of the above: (25D9) 25 sds - \$9.35
50 sds - \$16.90 100 sds - \$25.40
250 sds - \$50.90 500 sds - \$86.50

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TOMATO BETTER BOY VFN

Vegetable -

9,000 S. (F-1 Hybrid). 70 days. Large, firm red fruit in the 1 lb. range. Will produce deep red, globe shaped fruits, with a red meaty interior throughout the season. Cut in quarters and add to a fresh salad, slice for sandwiches, or eat sprinkled in salt or sugar. Excellent for eating fresh from the vine. Indeterminate stake habit.

item number: 6533