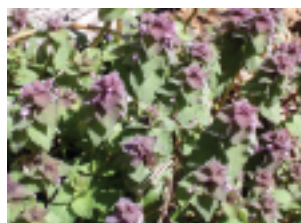




Weed Guide

for controlling common weeds in South Carolina turfgrasses

www.wplawinc.com



Weeds are problematic in our landscapes due to the fact they are aesthetically displeasing and compete with desirable plants for water, nutrients and sunlight. This is a quick guide to help identify and control many of the most common weeds found throughout the state. While this is not a complete guide that covers all weeds, it addresses the major weeds that cause problems in South Carolina landscapes.

Types of weeds

Most weeds fall into one of two categories either annual or perennial. Annual weeds complete their life cycle in one season. At the end of the growing season annual weeds produce seed to ensure future weed populations. Because most annual weeds start from seed, pre-emergent herbicides are usually the best means of controlling them by inhibiting their germination.

There are both cool-season and warm-season annual weeds. Cool-season weeds begin to germinate when soil temperatures fall below 55 degrees F (Fall) and complete their life cycle in the spring time when warmer weather begins. Warm-season annual weeds begin to germinate when soil temperatures rise above 55 degrees F (Spring) and complete their life cycle when cool weather begins.

Perennial weeds once established in the landscape will survive for many growing seasons. These types of weeds can reproduce through several different means including seed and underground structures. The most effective way to deal with perennial weeds is through the use of post-emergent herbicides.

The two other categories that weeds fall under are broadleaf and grassy. Broadleaf weeds come in many shapes and sizes with various patterns to their leaves. Just as the name implies, broadleaf weeds are generally more wide than long. Grassy weeds tend to be narrower and longer, similar to the grass in your lawn. It is important for you to make the distinction between these two classifications, in order to select the proper herbicide for their control. As a general rule, most grassy weed herbicides will not control broadleaf weeds and vice versa.

Additional Information

Visit our website for additional information on other weed images and herbicides available through W.P. Law Inc. Information on pesticide labels and MSDS sheets also can be found by visiting our Resources Tab at www.wplawinc.com/labels_msds Other information on our website includes turfgrass disease control, turfgrass insect control, fertilizer programs, aquatic weed control, and ornamental insect control.

Disclaimer:

This guide is an informal reference to herbicides available for controlling common weeds. It is not meant to supplement any product labels. Herbicide labels should always be consulted before being applied. Labels are subject to change. Due to differences in grass varieties, environmental conditions, temperature, stress, moisture conditions, plant health, and other factors herbicide applications may cause undesirable injury to grasses. W.P. Law Inc. does not guarantee or warranty the use of herbicides listed in this guide. Please remember that the label is the law.

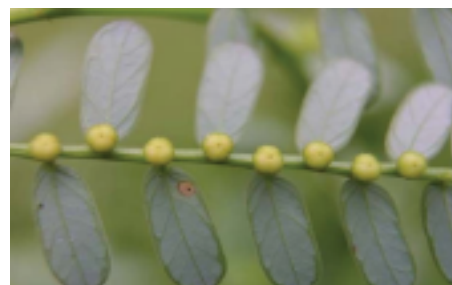
Carolina Geranium (*Geranium carolinianum*) Type: Broadleaf Life cycle: Annual (Cool season)



Description: Somewhat upright winter annual with deeply lobed leaves. Stems greenish to pinkish red and hairy. Flowers have five petals and are pink to purplish in color. Reproduces by seed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|---|---|--|---|--|
| Celsius Certainty Confront Confront 3 Dimension * Dismiss Dismiss South Drive Image Manor or MSM 60 Solitare Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Certainty Confront Confront 3 Dimension * Dismiss Dismiss South Image Manor or MSM 60 Solitare Speedzone Southern Trimec ** Trimec Southern | Celsius Certainty Confront 3 Dimension * Dismiss Image Manor or MSM 60 Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Certainty Confront Confront 3 Dimension * Dismiss Dismiss South Drive Image Manor or MSM 60 Solitare Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Confront Confront 3 Dimension * Dismiss Drive Solitare Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel |

Chamberbitter (*Phyllanthus urinaria*) Type: Broadleaf Life cycle: Annual (Warm season)



Description: Upright summer annual with stems that are angled or grooved. Leaves contain seeds on underneath side and have smooth margins. Leaf shape is oblong and thin. Chamberbitter develops a deep tap root when mature.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--|---|---|--|---|
| Celsius Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Atrazine Celsius Speedzone Southern Trimec ** Trimec Southern | Atrazine Celsius Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel |

* Pre-emergent

** SA Lawn Weed Killer

Carpetweed (*Mollugo verticillata*) **Type:** Broadleaf **Life cycle:** Annual (Warm season)



Description: Warm season annual broadleaf weed with prostrate growth. Contains numerous smooth, branched stems with leaves arranged in whorls. Leaves are spoon shaped with five to six at each node. Produces small white flowers with with five petals. Reproduces from seed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Barricade * | Barricade * | Barricade * | Barricade * | Barricade * |
| Celsius | Celsius | Celsius | Celsius | Confront |
| Confront | Confront | Confront 3 | Confront | Confront 3 |
| Confront 3 | Confront 3 | Dismiss | Confront 3 | Dismiss |
| Dismiss | Dismiss | Image | Dismiss | Octane |
| Dismiss South | Dismiss South | Octane | Dismiss South | Pendulum * |
| Image | Image | Pendulum * | Image | Solitare |
| Octane | Octane | Princept * | Octane | Speedzone |
| Pendulum * | Pendulum * | Speedzone Southern | Pendulum * | Speedzone Southern |
| Princept * | Princept * | Trimec ** | Princept * | Tenacity |
| Solitare | Solitare | Trimec Southern | Solitare | Trimec ** |
| Speedzone | Speedzone Southern | Vessel | Speedzone | Trimec Southern |
| Speedzone Southern | Tenacity | | Speedzone Southern | Vessel |
| Trimec ** | Trimec ** | | Trimec ** | |
| Trimec Southern | Trimec Southern | | Trimec Southern | |
| Vessel | | | Vessel | |

Florida Pusley (*Richardia scabra*) **Type:** Broadleaf **Life cycle:** Annual (Warm season)



Description: Warm season annual broadleaf weed with oval, opposite thick leaves. Stems are branched and hairy that grow in a prostrate manner. Produces tubular white flowers at the end of branches. Reproduces by seed.

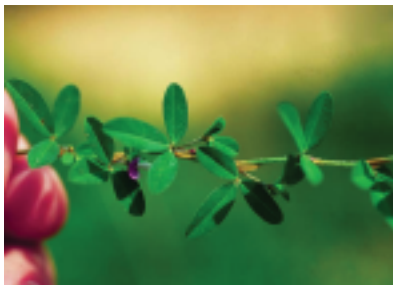
| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Barricade * | Barricade * | Barricade * | Barricade * | Barricade * |
| Celsius | Celsius | Celsius | Celsius | Dismiss |
| Dismiss | Dismiss | Dismiss | Dismiss | Solitare |
| Dismiss South | Dismiss South | Manor or MSM 60 | Dismiss South | Speedzone |
| Manor or MSM 60 | Manor or MSM 60 | Princept * | Manor or MSM 60 | Speedzone Southern |
| Princept * | Princept * | Specticle * | Princept * | Tenacity |
| Solitare | Solitare | Speedzone Southern | Solitare | Trimec ** |
| Specticle * | Specticle * | Trimec ** | Specticle * | Trimec Southern |
| Speedzone | Speedzone Southern | Trimec Southern | Speedzone | Vessel |
| Speedzone Southern | Tenacity | Vessel | Speedzone Southern | |
| Trimec ** | Trimec ** | | Trimec ** | |
| Trimec Southern | Trimec Southern | | Trimec Southern | |
| Vessel | | | Vessel | |



* Pre-emergent

** SA Lawn Weed Killer

Common Lespedeza (*Lespedeza striata*) Type: Broadleaf Life cycle: Annual (Warm season)



Description: Summer annual weed with wiry, prostrate growth. Develops a woody tap root as it matures during summer months. Leaves have a prominent mid-rib with veins that branch at 45 degree angles. Leaves are oval in shape and contain small flowers that are pink to purplish. Reproduces from seed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Celsius | Celsius | Celsius | Celsius | Confront |
| Confront | Confront | Confront 3 | Confront | Confront 3 |
| Confront 3 | Confront 3 | Dimension * | Confront 3 | Dimension * |
| Dimension * | Dimension * | Dismiss | Dimension * | Dismiss |
| Dismiss | Dismiss | Manor or MSM 60 | Dismiss | Solitare |
| Dismiss South | Dismiss South | Speedzone Southern | Dismiss South | Speedzone |
| Manor or MSM 60 | Manor or MSM 60 | Trimec ** | Manor or MSM 60 | Speedzone Southern |
| Solitare | Solitare | Trimec Southern | Solitare | Trimec ** |
| Speedzone | Speedzone Southern | Vessel | Speedzone | Trimec Southern |
| Speedzone Southern | Trimec ** | | Speedzone Southern | Vessel |
| Trimec ** | Trimec Southern | | Trimec ** | |
| Trimec Southern | | | Trimec Southern | |
| Vessel | | | Vessel | |

Spotted Spurge (*Chamaesyce maculata*) Type: Broadleaf Life cycle: Annual (Warm season)



Description: Annual broadleaf weed that grows prostrate. Leaves are opposite with reddish spot usually present in the middle. Stems are reddish in color and contain milky sap. Reproduces from seed annually.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Barricade * | Atrazine | Atrazine | Barricade * | Barricade * |
| Celsius | Barricade * | Barricade * | Celsius | Confront 3 |
| Confront 3 | Celsius | Celsius | Confront 3 | Dimension * |
| Dimension * | Confront 3 | Confront 3 | Dimension * | Dismiss |
| Dismiss | Dimension * | Dimension * | Dismiss | Pendulum * |
| Dismiss South | Dismiss | Dismiss | Dismiss South | Solitare |
| Manor or MSM 60 | Dismiss South | Manor or MSM 60 | Manor or MSM 60 | Speedzone |
| Pendulum * | Manor or MSM 60 | Pendulum * | Pendulum * | Speedzone Southern |
| Solitare | Pendulum * | Speedzone Southern | Solitare | Trimec ** |
| Speedzone | Solitare | Trimec ** | Speedzone | Trimec Southern |
| Speedzone Southern | Speedzone Southern | Trimec Southern | Speedzone Southern | Vessel |
| Trimec ** | Trimec ** | Vessel | Trimec ** | |
| Trimec Southern | Trimec Southern | | Trimec Southern | |
| Vessel | | | Vessel | |

* Pre-emergent

** SA Lawn Weed Killer

Common Chickweed (*Stellaria media*) Type: Broadleaf Life cycle: Annual (Cool season)



Description: Annual broadleaf weed that forms a mat with numerous branched stems. Leaves are opposite and oval in shape with smooth texture. Produces small white flowers with five petals. Reproduces by seed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Barricade * | Atrazine | Atrazine | Barricade * | Barricade * |
| Celsius | Barricade * | Barricade * | Celsius | Confront |
| Certainty | Celsius | Celsius | Certainty | Confront 3 |
| Confront | Certainty | Certainty | Confront | Dismiss |
| Confront 3 | Confront | Confront 3 | Confront 3 | Octane |
| Corsair | Confront 3 | Corsair | Corsair | Pendulum * |
| Dismiss | Corsair | Dismiss | Dismiss | Solitare |
| Dismiss South | Dismiss | Image | Dismiss South | Speedzone |
| Image | Dismiss South | Manor or MSM 60 | Image | Speedzone Southern |
| Manor or MSM 60 | Image | Octane | Manor or MSM 60 | Tenacity |
| Octane | Manor or MSM 60 | Pendulum * | Octane | Trimec ** |
| Pendulum * | Octane | Princept * | Pendulum * | Trimec Southern |
| Princept * | Pendulum * | Specticle * | Princept * | Vessel |
| Solitare | Princept * | Speedzone Southern | Specticle * | |
| Specticle * | Solitare | Trimec ** | Solitare | |
| Speedzone | Specticle * | Trimec Southern | Speedzone | |
| Speedzone Southern | Speedzone Southern | Vessel | Speedzone Southern | |
| Trimec ** | Tenacity | | Trimec ** | |
| Trimec Southern | Trimec ** | | Trimec Southern | |
| Vessel | Trimec Southern | | Vessel | |

Shiny Cudweed (*Gnaphalium spicatum*) Type: Broadleaf Life cycle: Annual or Biennial



Description: Broadleaf weed with rosette of basal leaves. Leaf color bright and shiny on upper surface. Lower surface of leaves is hairy and grayish, white in color. Reproduces by seed. Often found in dry, sandy conditions.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Celsius | Atrazine | Atrazine | Celsius | Dismiss |
| Dismiss | Celsius | Celsius | Dismiss | Pendulum * |
| Dismiss South | Dismiss | Dismiss | Dismiss South | Solitare |
| Pendulum * | Dismiss South | Pendulum * | Pendulum * | Speedzone |
| Solitare | Pendulum * | Speedzone Southern | Solitare | Speedzone Southern |
| Speedzone | Solitare | Trimec ** | Speedzone | Tenacity |
| Speedzone Southern | Speedzone Southern | Trimec Southern | Speedzone Southern | Trimec ** |
| Trimec ** | Tenacity | Vessel | Trimec ** | Trimec Southern |
| Trimec Southern | Trimec ** | | Trimec Southern | Vessel |
| Vessel | Trimec Southern | | Vessel | |

* Pre-emergent

** SA Lawn Weed Killer

Hairy Bittercress (*Cardamine hirsuta*)

Type: Broadleaf

Life cycle: Annual (Cool season)



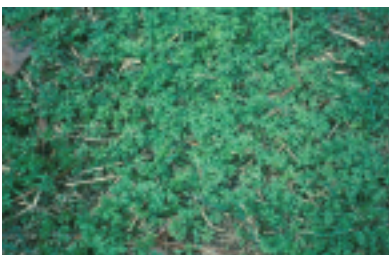
Description: Annual broadleaf weed with upright growth in a clump. Produces white flowers at end of stems with four petals. Produces an elongated seed pod at the end of stems. Reproduces by seed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--|---|--|--|---|
| Celsius Confront 3 Dimension * Dismiss Dismiss South Image Manor or MSM 60 Solitare Specticle * Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Confront 3 Dimension * Dismiss Dismiss South Image Manor or MSM 60 Solitare Specticle * Speedzone Southern Trimec ** Trimec Southern | Celsius Confront 3 Dimension * Dismiss Image Manor or MSM 60 Specticle * Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Confront 3 Dimension * Dismiss Dismiss South Image Manor or MSM 60 Solitare Specticle * Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Confront 3 Dimension * Dismiss Solitare Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel |

Lawn Burweed (*Soliva pterosperma*)

Type: Broadleaf

Life cycle: Annual (Cool season)



Description: Broadleaf winter annual that grows low to the ground. Contains opposite leaves with deeply cut lobes. Very small flowers that are inconspicuous. Fruit has SHARP spines that can cause injury when touched. Reproduces from seed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--|---|--|--|--|
| Celsius Certainty Confront Confront 3 Dismiss Dismiss South Image Manor or MSM 60 Pendulum * Solitare Specticle * Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Atrazine Celsius Certainty Confront Confront 3 Dismiss Dismiss South Image Manor or MSM 60 Pendulum * Solitare Specticle * Speedzone Southern Tenacity Trimec ** Trimec Southern | Atrazine Celsius Certainty Confront 3 Dismiss Image Manor or MSM 60 Pendulum * Specticle * Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Certainty Confront Confront 3 Dismiss Dismiss South Image Manor or MSM 60 Pendulum * Solitare Specticle * Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Confront Confront 3 Dismiss Pendulum * Solitare Speedzone Speedzone Southern Tenacity Trimec ** Trimec Southern Vessel |

* Pre-emergent

** SA Lawn Weed Killer

Henbit (*Lamium amplexicaule*)

Type: Broadleaf

Life cycle: Annual (Cool season)



Description: Broadleaf annual with opposite leaves. Underside of leaves have pronounced veins. Leaf edges are toothed, but blunt on the ends. Overall appearance is greenish to purplish in color. Stems are four sided. Flowers are reddish to purple in color. Reproduces by seed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Barricade * | Atrazine | Atrazine | Barricade * | Barricade * |
| Celsius | Barricade * | Barricade * | Celsius | Confront |
| Certainty | Celsius | Celsius | Certainty | Confront 3 |
| Confront | Certainty | Certainty | Confront | Dimension * |
| Confront 3 | Confront | Confront 3 | Confront 3 | Dismiss |
| Corsair | Confront 3 | Corsair | Corsair | Octane |
| Dimension * | Corsair | Dimension * | Dimension * | Pendulum * |
| Dismiss | Dimension * | Dismiss | Dismiss | Solitare |
| Dismiss South | Dismiss | Image | Dismiss South | Speedzone |
| Image | Dismiss South | Manor | Image | Speedzone Southern |
| Manor | Image | MSM60 | Manor | Tenacity |
| MSM60 | Manor | Octane | MSM60 | Trimec ** |
| Octane | MSM60 | Pendulum * | Octane | Trimec Southern |
| Pendulum * | Octane | Princept * | Pendulum * | Vessel |
| Princept * | Pendulum * | Specticle * | Princept * | |
| Revolver | Princept * | Speedzone Southern | Revolver | |
| Solitare | Solitare | Trimec ** | Solitare | |
| Specticle * | Specticle * | Trimec Southern | Specticle * | |
| Speedzone | Speedzone Southern | Vessel | Speedzone | |
| Speedzone Southern | Tenacity | | Speedzone Southern | |
| Trimec ** | Trimec ** | | Trimec ** | |
| Trimec Southern | Trimec Southern | | Trimec Southern | |
| Vessel | | | Vessel | |

Other Broadleaf Annual Weeds



Black Medic
(*Medicago lupulina*)



Common Purslane
(*Portulaca oleracea*)



Common Venuslookingglass
(*Triodani perfoliata*)

* Pre-emergent

** SA Lawn Weed Killer



Other Broadleaf Annual Weeds (continued)



Eclipta ●
(*Eclipta prostrata*)



Horseweed ● ●
(*Coryza canadensis*)



Knawel ●
(*Scleranthus annuus*)



Parsley Piert ●
(*Alchemilla arvensis*)



Pigweed ●
(*Amaranthus hybridus*)



Purple Deadnettle ●
(*Lamium purpureum*)



Shepherdspurse ●
(*Capsella bursa-pastoris*)



Spiny Sowthistle ●
(*Sonchus asper*)



Swinecress ●
(*Coronopus didymus*)



Tufted Knotweed ●
(*Polygonum caespitosum*)



Common Vetch ●
(*Vicia sativa*)



Virginia Pepperweed ●
(*Lepidium virginicum*)

● = Cool-Season

● = Warm-Season

Dandelion (*Taraxacum officinale*) **Type:** Broadleaf **Life Cycle:** Perennial



Description: Perennial broadleaf weed with deep taproot. Clump type growth. Leaves with shallow to deeply cut margins. Produces single yellow flowers on stalk that contains "milky" juice when broken.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Celsius | Celsius | Celsius | Celsius | Confront |
| Certainty | Certainty | Certainty | Certainty | Confront 3 |
| Confront | Confront | Confront 3 | Confront | Dismiss |
| Confront 3 | Confront 3 | Corsair | Confront 3 | Drive |
| Corsair | Corsair | Dismiss | Corsair | Octane |
| Dismiss | Dismiss | Manor or MSM 60 | Dismiss | Solitare |
| Dismiss South | Dismiss South | Octane | Dismiss South | Speedzone |
| Drive | Manor or MSM 60 | Specticle * | Drive | Speedzone Southern |
| Manor or MSM 60 | Octane | Speedzone Southern | Manor or MSM 60 | Tenacity |
| Octane | Solitare | Trimec ** | Octane | Trimec ** |
| Solitare | Specticle * | Trimec Southern | Solitare | Trimec Southern |
| Specticle * | Speedzone Southern | Vessel | Specticle * | Vessel |
| Speedzone | Tenacity | | Speedzone | |
| Speedzone Southern | Trimec ** | | Speedzone Southern | |
| Trimec ** | Trimec Southern | | Trimec ** | |
| Trimec Southern | | | Trimec Southern | |
| Vessel | | | Vessel | |

Florida Betony (*Stachys floridana*) **Type:** Broadleaf **Life cycle:** Perennial



Description: Perennial broadleaf weed with opposite lance-shaped leaves on square stems. Leaves on long stalks. Produces whitish to purplish flowers with purple spots. Contains underground tubers that resemble rattles of a rattlesnake, thus is sometimes referred to as rattlesnake weed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Celsius | Atrazine | Atrazine | Celsius | Speedzone |
| Manor or MSM 60 | Celsius | Celsius | Manor or MSM 60 | Speedzone Southern |
| Speedzone | Manor or MSM 60 | Manor or MSM 60 | Speedzone | Tenacity |
| Speedzone Southern | Speedzone Southern | Speedzone Southern | Speedzone Southern | Trimec ** |
| Trimec ** | Tenacity | Trimec ** | Trimec ** | Trimec Southern |
| Trimec Southern | Trimec ** | Trimec Southern | Trimec Southern | Vessel |
| Vessel | Trimec Southern | Vessel | Vessel | |

* Pre-emergent

** SA Lawn Weed Killer

Dogfennel (*Eupatorium capillifolium*) Type: Broadleaf Life Cycle: Perennial (Warm Season Growth)



Description: Broadleaf perennial weed with tall upright growth. Leaves are thin, deeply cut and aromatic when crushed. Stems are hairy and woody on lower sections. Reproduces from seed and regrowth from woody base.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|---|--|--|---|---|
| Celsius Confront Manor MSM 60 Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Confront Manor MSM 60 Speedzone Southern Trimec ** Trimec Southern | Celsius Manor MSM 60 Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Confront Manor MSM 60 Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Confront Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel |

Dollarweed (Pennywort) (*Hydrocotyle spp.*) Type: Broadleaf Life cycle: Perennial



Description: Upright perennial broadleaf weed with round leaves that are scalloped along the edges. Petiole attaches in the center of the leaf to form an "umbrella like" appearance. Prefers moist conditions and forms mats in areas of high population. Reproduces through seed, underground runners, and tubers.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|---|---|--|---|---|
| Celsius Dismiss Dismiss South Drive Image Manor MSM 60 Octane Solitare Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Atrazine Celsius Dismiss Dismiss South Image Manor MSM 60 Octane Solitare Speedzone Southern Trimec ** Trimec Southern | Atrazine Celsius Dismiss Image Manor MSM 60 Octane Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Dismiss Dismiss South Drive Image Manor MSM 60 Octane Solitare Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Dismiss Drive Octane Solitare Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel |

** SA Lawn Weed Killer

Virginia Buttonweed

(*Diodia virginiana*)

Type: Broadleaf

Life cycle: Perennial



Description: Perennial broadleaf weed with thick, fleshy leaves on hairy stems. Leaves are opposite. Grows in a spreading type fashion. Produces white flowers that grow along the stem. Prefers moist sites. Reproduces from seed, roots, and stem fragments.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--|---|---|--|---|
| Celsius Confront 3 Corsair Manor MSM 60 Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Confront 3 Corsair Manor MSM 60 Speedzone Southern Trimec ** Trimec Southern | Celsius Confront 3 Corsair Manor MSM 60 Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Confront 3 Corsair Manor MSM 60 Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Confront 3 Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel |

Wild Onion/Garlic

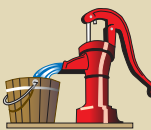
(*Allium canadense*)

Type: Broadleaf

Life cycle: Perennial (Cool Season)



Description: Perennial weed with slender, hollow leaves that grow upright. Grows during cooler months of the year. Similar to Wild Garlic in appearance. Contains a central underground bulb with a fibrous coat. Does not contain offset bulblets like Wild Garlic.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--|---|--|--|---|
| Celsius Corsair Dismiss Dismiss South Image Manor MSM60 Solitare Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Corsair Dismiss Dismiss South Image Manor MSM60 Solitare Speedzone Southern Trimec ** Trimec Southern | Celsius Corsair Dismiss Image Manor MSM60 Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Corsair Dismiss Dismiss South Image Manor MSM60 Solitare Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Dismiss Solitare Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel  |

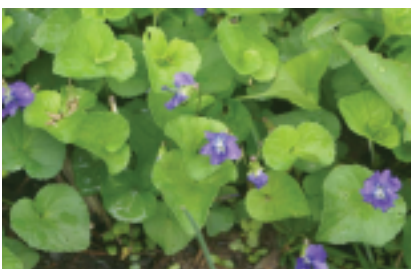
White Clover (*Trifolium repens*) **Type:** Broadleaf **Life cycle:** Perennial



Description: Creeping, low-growing broadleaf weed with three oval shaped leaflets. Produces white roundish flowers.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--|--|---|--|---|
| Celsius Certainty Confront Confront 3 Corsair Dismiss Dismiss South Drive Image Manor or MSM 60 Octane Solitare Specticle * Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Certainty Confront Confront 3 Corsair Dismiss Dismiss South Image Manor or MSM 60 Octane Solitare Specticle * Speedzone Southern Tenacity Trimec ** Trimec Southern | Celsius Certainty Confront 3 Corsair Dismiss Image Manor or MSM 60 Octane Specticle * Speedzone Southern Trimec ** Trimec Southern Vessel | Celsius Certainty Confront Confront 3 Corsair Dismiss Dismiss South Drive Image Manor or MSM 60 Octane Solitare Specticle * Speedzone Speedzone Southern Trimec ** Trimec Southern Vessel | Confront Confront 3 Dismiss Drive Octane Solitare Speedzone Speedzone Southern Tenacity Trimec ** Trimec Southern Vessel |

Violet (*Viola spp.*) **Type:** Broadleaf **Life cycle:** Annual or Perennial



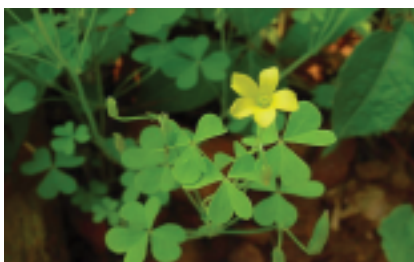
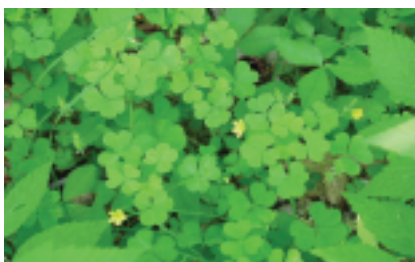
Description: Annual or perennial depending on species. Has heart shaped glossy leaves. Produces flowers in a variety of colors ranging from white, purple, pink, and yellow. Reproduces from seed and underground runners.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--|--|---|--|---|
| Celsius Confront Confront 3 Corsair Dismiss Dismiss South Drive Solitare Speedzone Speedzone Southern | Celsius Confront Confront 3 Corsair Dismiss Dismiss South Solitare Speedzone Southern Tenacity | Celsius Confront 3 Corsair Dismiss Speedzone Southern | Celsius Confront Confront 3 Corsair Dismiss Dismiss South Drive Solitare Speedzone Speedzone Southern | Confront Confront 3 Dismiss Drive Solitare Speedzone Speedzone Southern Tenacity |

* Pre-emergent

** SA Lawn Weed Killer

Yellow Woodsorrell (Oxalis) (*Oxalis stricta*) **Type:** Broadleaf **Life cycle:** Perennial



Description: Broadleaf perennial weed that grows most actively during the cooler months. Leaves are alternated and divided into three heart shaped leaves. Produces bright yellow flowers with five petals. Grows upright and fruit is similar in appearance to small okra. Reproduces by seed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Barricade * | Atrazine | Atrazine | Barricade * | Barricade * |
| Celsius | Barricade * | Barricade * | Celsius | Confront |
| Confront | Celsius | Celsius | Confront | Confront 3 |
| Confront 3 | Confront | Confront 3 | Confront 3 | Dimension * |
| Dimension * | Confront 3 | Dimension * | Dimension * | Dismiss |
| Dismiss | Dimension * | Dismiss | Dismiss | Pendulum * |
| Dismiss South | Dismiss | Manor or MSM 60 | Dismiss South | Solitare |
| Manor or MSM 60 | Dismiss South | Pendulum * | Manor or MSM 60 | Speedzone |
| Pendulum * | Manor or MSM 60 | Speedzone Southern | Pendulum * | Speedzone Southern |
| Solitare | Pendulum * | Trimec ** | Solitare | Tenacity |
| Speedzone | Solitare | Trimec Southern | Speedzone | Trimec ** |
| Speedzone Southern | Speedzone Southern | Vessel | Speedzone Southern | Trimec Southern |
| Trimec ** | Tenacity | | Trimec ** | Vessel |
| Trimec Southern | Trimec ** | | Trimec Southern | |
| Vessel | Trimec Southern | | Vessel | |

Buckhorn Plantain (*Plantago lanceolata*) **Type:** Broadleaf **Life cycle:** Perennial



Description: Lance shaped leaves that often appear twisted or curled. Ribbed veins noticeable on lower surface of leaves. Root system is fibrous. Overall appearance is upright with leafless spikes that produce white to tanish flower spike. Reproduces by seed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| Celsius | Celsius | Celsius | Celsius | Confront |
| Confront | Confront | Confront 3 | Confront | Confront 3 |
| Confront 3 | Confront 3 | Corsair | Confront 3 | Dismiss |
| Corsair | Corsair | Dismiss | Corsair | Solitare |
| Dismiss | Dismiss | Manor or MSM 60 | Dismiss | Speedzone |
| Dismiss South | Dismiss South | Speedzone Southern | Dismiss South | Speedzone Southern |
| Manor or MSM 60 | Manor or MSM 60 | Trimec ** | Manor or MSM 60 | Trimec ** |
| Solitare | Solitare | Trimec Southern | Solitare | Trimec Southern |
| Speedzone | Speedzone Southern | Vessel | Speedzone | Vessel |
| Speedzone Southern | Trimec ** | | Speedzone Southern | |
| Trimec ** | Trimec Southern | | Trimec ** | |
| Trimec Southern | | | Trimec Southern | |
| Vessel | | | Vessel | |



* Pre-emergent

** SA Lawn Weed Killer

Other Broadleaf Perennial Weeds



Curly Dock
(*Rumex crispus*)



Dichondra
(*Dichondra carolinensis*)



Ground Ivy
(*Glechoma hederacea*)



Horsenettle
(*Solanum carolinense*)



Indian Mockstrawberry
(*Duchesnea indica*)



Mugwort
(*Artemisia vulgaris*)

For additional weed images and control options, visit our website at
www.wplawinc.com/weed-control

Annual Bluegrass (*Poa annua*) **Type:** Grass **Life cycle:** Annual (Cool-Season)



Description: Tufted and clumped with light green to whitish spikelets. Reproduces by seed. Winter annual. Leaf blades smooth. Leaf tip boat shaped.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|-------------|-------------|---------------|-------------|-------------|
| Barricade * | Atrazine | Atrazine | Barricade * | Barricade * |
| Certainty | Barricade * | Barricade * | Certainty | Dimension * |
| Dimension * | Certainty | Certainty | Dimension * | Pendulum * |
| Pendulum * | Dimension * | Dimension * | Pendulum * | |
| Princept * | Pendulum * | Pendulum * | Princept * | |
| Revolver | Princept * | Princept * | Revolver | |
| Specticle * | Specticle * | Specticle * | Specticle * | |

Crabgrass (*Digitaria spp.*) **Type:** Grass **Life cycle:** Annual (Warm-Season)



Description: Grassy annual weed that is tufted and prostrate in growth. Leaves have fine hairs on both surfaces. Produces a seedhead with two to nine finger like branches. Reproduces by seed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|-----------------------|-----------------------|-----------------------|-----------------------|---------------|
| Barricade * | Barricade * | Barricade * | Acclaim Extra | Acclaim Extra |
| Celsius (suppression) | Celsius (suppression) | Celsius (suppression) | Barricade * | Barricade * |
| Dimension * | Dimension * | Dimension * | Celsius (suppression) | Dimension * |
| Drive | Image (suppression) | Image (suppression) | Dimension * | Drive |
| Image (suppression) | Pendulum * | Pendulum * | Drive | Fusilade II |
| Pendulum * | Princept * | Princept * | Fusilade II | Pendulum * |
| Princept * | Solitare | Specticle * | Image (suppression) | Solitare |
| Solitare | Specticle * | | Pendulum * | Tenacity |
| Specticle * | Tenacity | | Princept * | |
| | Vantage | | Solitare | |
| | | | Specticle * | |



* Pre-emergent

Goosegrass (*Eleusine indica*) Type: Grass Life cycle: Annual (Warm-Season)



Description: Grassy annual weed with tough clump type growth. Center of plant is whitish to silver in appearance. Produces a seedhead with multiple fingers. Does not mow well due to tough nature.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|---------------|---------------|---------------|---------------|---------------|
| Barricade * | Barricade * | Barricade * | Acclaim Extra | Acclaim Extra |
| Dimension * | Dimension * | Dimension * | Barricade * | Barricade * |
| Dismiss South | Dismiss South | Pendulum * | Dimension * | Dimension * |
| Pendulum * | Pendulum * | Princept * | Dismiss South | Fusilade II |
| Princept * | Princept * | Specticle * | Fusilade II | Pendulum * |
| Revolver | Solitare | | Pendulum * | Solitare |
| Solitare | Specticle * | | Princept * | Tenacity |
| Specticle * | Tenacity | | Revolver | |
| | Vantage | | Solitare | |
| | | | Specticle * | |

Sandbur (Sandspur) (*Cenchrus echinatus*) Type: Grass Life cycle: Annual (Warm-Season)

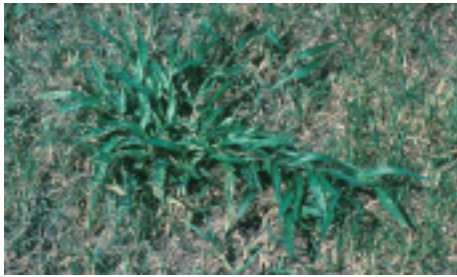


Description: Warm-season annual grassy weed that grows in a loose clump. Leaves are mostly smooth to slightly rough. Stems often reddish as base. Produces a seedhead with spiky, spiny burs. Prefers sandy soils. Reproduces by seed.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|-------------|-------------|---------------|---------------|---------------|
| Celsius | Atrazine | Atrazine | Acclaim Extra | Acclaim Extra |
| Dimension * | Celsius | Celsius | Celsius | Dimension * |
| Image | Dimension * | Dimension * | Dimension * | Fusilade II |
| Pendulum * | Image | Image | Fusilade II | Pendulum * |
| | Pendulum * | Pendulum * | Image | |
| | Vantage | | Pendulum * | |

* Pre-emergent

Other Grassy Annual Weeds



Broadleaf Panicum
(*Panicum adspersum*)



Broadleaf Signalgrass
(*Brachiaria platyphylla*)



Doveweed
(*Murdannia nudiflora*)

Sedges (*Cyperus spp.*)

Type: Sedge **Life cycle:** Perennial or Annual (Warm-Season)



Purple NutSedge

Purple Nutsedge (*Cyperus rotundus*)

Description: Perennial sedge with dark, glossy leaves that taper abruptly. Seedheads purple to reddish brown in color at the end of triangular stems. Produces underground tubers that are hairy and oblong. Spreads rapidly primarily by tubers.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|---|---|--|---|------------------------|
| Certainty Dismiss Dismiss South Image Sedgehammer | Certainty Dismiss Dismiss South Image Sedgehammer | Certainty Dismiss Image Sedgehammer | Certainty Dismiss Dismiss South Image Sedgehammer | Dismiss Sedgehammer |



Yellow NutSedge

Yellow Nutsedge (*Cyperus esculentus*)

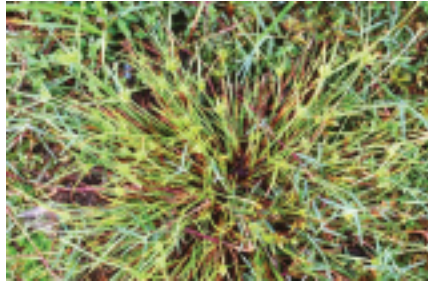
Description: Perennial sedge with narrow tipped leaves. Produces a yellowish-brown seedhead at the end of triangular shaped stems. Produces individual tubers that are not in chains like Purple Nutsedge. Reproduces primarily by tubers. Grows during warmer months.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--|--|---|--|--|
| Certainty Dismiss Dismiss South Image Sedgehammer Solitare Specticle * | Certainty Dismiss Dismiss South Image Sedgehammer Solitare Specticle * Tenacity | Certainty Dismiss Image Sedgehammer Specticle * | Certainty Dismiss Dismiss South Image Sedgehammer Solitare Specticle * | Dismiss Sedgehammer Solitare Tenacity |



* Pre-emergent

Sedges Continued



Annual Nutsedge

Annual Sedge (*Cyperus compressus*)

Description: Stems triangular or three sided. Often grows in a clump. True annual weed. Seedheads at top of bare stem and are flat spikes with toothed edges. Emerges in late spring/summer. Prefers moist sites but can survive dry conditions.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|---|---|---|---|------------------------------------|
| Certainty Dismiss Image Sedgehammer Solitare Specticle * | Certainty Dismiss Image Sedgehammer Solitare Specticle * | Certainty Dismiss Image Sedgehammer Specticle * | Certainty Dismiss Image Sedgehammer Solitare Specticle * | Dismiss Sedgehammer Solitare |



Globe Nutsedge

Globe Sedge (*Cyperus globulosus*)

Description: Perennial sedge with densely tufted leaves. Leaves are flat, smooth and bright green in color. Seedhead produces clusters of globe-like seeds at the top of stems that are spiky in appearance.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|---|---|--|---|------------------------|
| Certainty Dismiss Dismiss South Image Sedgehammer | Certainty Dismiss Dismiss South Image Sedgehammer | Certainty Dismiss Image Sedgehammer | Certainty Dismiss Dismiss South Image Sedgehammer | Dismiss Sedgehammer |

* Pre-emergent

Bahiagrass (*Paspalum notatum*) **Type:** Grass **Life cycle:** Perennial (Warm-Season)



Description: Warm-season perennial grassy weed that forms mats through its aggressive growth. Contains shallow rooted or exposed rhizomes (underground runners) that are purplish to red in color. Produces "V" shaped seedheads.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|---|--|---|--|-------------|
| Image (Suppression) Manor MSM 60 Specticle * | Image (Suppression) Manor MSM 60 Specticle * Vantage | Image (Suppression) Manor MSM 60 Specticle * | Fusilade II Image (Suppression) Manor MSM 60 Specticle * | Fusilade II |

Dallisgrass (*Paspalum dilatatum*) **Type:** Grass **Life cycle:** Perennial



Description: Perennial grassy weed that grows in clumps. Leaves are smooth on both surfaces. Reproduces from seed and from short thick underground runners. Produces a seedhead with alternate branches with small black seeds.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--|--------------------------------------|--------------------------------------|--|-------------|
| Celsius (suppression) Dimension * Revolver (suppression) | Celsius (suppression) Dimension * | Celsius (suppression) Dimension * | Celsius (suppression) Dimension * Revolver (suppression) | Dimension * |

* Pre-emergent



Annua Kyllinga

(*Cyperus brevifolius*)

Type: Sedge

Life cycle: Perennial



Description: Annual Kyllinga Annual with shallow, fibrous root system. Bunch type growth with aromatic leaves when crushed or mowed. Produces light colored seedhead with three to four leaves at top of bare stem.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|--|--|--|--|-----------------------------------|
| Certainty Dismiss Dismiss Southern Image Sedgehammer Solitare | Certainty Dismiss Dismiss Southern Image Sedgehammer Solitare | Certainty Dismiss Image Sedgehammer | Certainty Dismiss Dismiss Southern Image Sedgehammer Solitare | Dimiss Sedgehammer Solitare |

Green Kyllinga

(*Cyperus brevifolius*)

Type: Sedge

Life cycle: Perennial



Description: Green Kyllinga Perennial weed with dark green, thin leaves. Contains reddish, purple underground runners. Seed-head round or oblong in shape with three leaves below it. Prefers damp moist environment. Reproduces from seed and underground runners.

| Bermuda | Centipede | St. Augustine | Zoysia | Fescue |
|---|---|--|---|------------------------|
| Celsius Certainty Dismiss Dismiss South Image Sedgehammer Specticle * | Celsius Certainty Dismiss Dismiss South Image Sedgehammer Specticle * | Celsius Certainty Dismiss Image Sedgehammer Specticle * | Celsius Certainty Dismiss Dismiss South Image Sedgehammer Specticle * | Dismiss Sedgehammer |

MAIN OFFICE - LEXINGTON

303 Riverchase Way, Lexington, SC 29072
Phone 803-461-0599
Fax 803-461-0598
e-mail lex@wplawinc.com

GREENVILLE BRANCH

1330 Grove Rd., Greenville, SC 29605
Phone 864-295-3810 / 800-660-7569
Fax 864-295-6990
e-mail gville@wplawinc.com



CHARLESTON BRANCH

3636 Belvedere Rd., John's Island, SC 29455
Phone 843-559-3945
Fax 843-559-2740
email coastal@wplawinc.com

GREER BRANCH

2400 Highway 101 S., Greer, SC 29651
Phone 864-879-1045 / 877-835-0714
Fax 864-879-1046
e-mail greer@wplawinc.com

www.wplawinc.com

Get the free mobile app at <http://gettag.mobi>
After downloading the app, scan this tag to visit our website

Copyright © 2012 by W.P.Law, Inc. All rights reserved