

# Specimen Label

|             |       |    |           |
|-------------|-------|----|-----------|
| TRIFLURALIN | GROUP | 3  | HERBICIDE |
| ISOXABEN    | GROUP | 29 | HERBICIDE |



# Snapshot<sup>®</sup>

## 2.5TG

## SPECIALTY HERBICIDE

<sup>TM</sup>/<sup>®</sup>Trademarks of Corteva Agriscience and its affiliated companies

**A selective preemergence herbicide for control of certain broadleaf weeds and annual grasses in:**

- Landscape Ornamentals
- Christmas Tree Plantations
- Container Grown Ornamentals
- Field Grown Ornamentals
- Groundcovers/Perennials
- Non-Bearing Fruit and Nut Trees
- Non-Bearing Vineyards
- Non-Cropland

**Not for sale, distribution or use in New York State.**

Active Ingredients:

|                                                                                                                          |        |
|--------------------------------------------------------------------------------------------------------------------------|--------|
| trifluralin: $\alpha, \alpha, \alpha$ -trifluoro-2,6-dinitro- <i>N</i> ,<br><i>N</i> -dipropyl- <i>p</i> -toluidine..... | 2.0%   |
| isoxaben: <i>N</i> -[3-(1-ethyl-1-methylpropyl)-5-<br>isoxazoly]-2,6-dimethoxybenzamide<br>and isomers.....              | 0.5%   |
| Other Ingredients.....                                                                                                   | 97.5%  |
| Total .....                                                                                                              | 100.0% |

Contains 1.25 lb active ingredient per 50 lb bag.

### Precautionary Statements

#### Hazards to Humans and Domestic Animals

EPA Reg. No. 62719-175

#### Keep Out of Reach of Children

## CAUTION

**Causes Moderate Eye Irritation • Harmful If Swallowed Or Inhaled • Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reaction In Some Individuals**

**Avoid breathing dust or spray mist and contact with eyes or clothing. Wash thoroughly with soap and water after handling.**

#### Personal Protective Equipment (PPE)

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### Engineering Controls

When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

### User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

### First Aid

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a Poison Control Center or doctor for treatment advice.

**If swallowed:** Call a Poison Control Center or doctor immediately for treatment advice. Have a person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a Poison Control Center or doctor. Do not give anything by mouth to an unconscious person.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a Poison Control Center or doctor for further treatment advice.

Have the product container or label with you when calling a Poison Control Center or doctor or going for treatment. You may also contact 1-800-992-5994 for emergency medical treatment information.

### Environmental Hazards

This pesticide is extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

Do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems.

**Non-Target Organism Advisory:** This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize spray drift.

**Groundwater Advisory:** This pesticide has properties and characteristics associated with chemicals detected in groundwater. This chemical may leach into groundwater if used in areas where soils are permeable, particularly where the water table is shallow.

**Surface Water Advisory:** This pesticide may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soil and soils with shallow groundwater. This product is classified as having a high potential for reaching surface water via runoff for several months or more after application. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of isoxaben from runoff water and sediment.

### Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read all Directions for Use carefully before applying.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your state or tribe, consult the agency responsible for pesticide regulation.

This product must be soil-incorporated within 24 hours of application either by mechanical incorporation or at least 0.5 inch of water (rainfall, irrigation). If a second incorporation is needed it should be delayed 3 to 5 days after the first incorporation and be completed prior to planting

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements of this label about personal protective equipment (PPE), and restricted entry interval. The requirements in the box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

### Non-Agricultural Use Requirements

The requirements of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

For applications in landscape settings and in non-cropland sites, do not enter or allow others to enter the treated area until dusts have settled.

### Storage and Disposal

Do not contaminate water, food, or feed by storage or disposal.

**Pesticide Storage:** Store in original container only. In case of spill, contain material and dispose as waste.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Nonrefillable rigid containers 5 gallons or less:**

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

**Nonrefillable nonrigid containers:**

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available, or dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

**Refillable rigid containers larger than 5 gal:**

**Container Handling:** Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

### Storage and Disposal (Cont.)

**Nonrefillable rigid containers larger than 5 gal:**

**Container Handling:** Nonrefillable container. Do not reuse or refill this container.

Triple rinse or pressure rinse container (or equivalent) promptly after emptying. **Triple rinse** as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse** as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 psi for at least 30 seconds. Drain for 10 seconds after the flow begins to drip. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures allowed by state and local authorities.

### Product Information

Snapshot® 2.5 TG specialty herbicide is a preemergence product for control of certain broadleaf weeds and annual grasses in container and landscape ornamentals, nursery stock, Christmas trees, groundcovers/perennials, non-bearing fruit and nut trees, non-bearing vineyards and non-cropland areas. Apply Snapshot 2.5 TG any time prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with rate of Snapshot 2.5 TG applied, weed population, potting media or soil conditions, temperature, watering regime, and other factors. Following application, user should monitor and observe level of weed control over time to determine when additional applications may be needed.

### Use Precautions

Snapshot 2.5 TG controls weeds growing from seed. Snapshot 2.5 TG does not control established weeds, weeds growing from stolons, rhizomes, or root pieces. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings and trash should be removed or thoroughly mixed into soil prior to treatment. Soil should be in good condition and free of clods at the time of application. A single rainfall or sprinkler irrigation of 0.5 inches or more, or flood irrigation is required to activate Snapshot 2.5 TG. Optimum weed control is obtained when Snapshot 2.5 TG is activated within 3 days of application. If rainfall or irrigation does not occur within 3 days of application and tillage is possible, Snapshot 2.5 TG may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1 to 2 inches of soil. Failure to activate Snapshot 2.5 TG within 3 days of application may result in erratic control of annual grasses. Do not apply when wind conditions favor drift of Snapshot 2.5 TG granules from the target area.

Repeat applications at 150 lb per acre and higher should not be made sooner than 60 days after a previous application of Snapshot 2.5 TG. Do not apply over 600 pounds per acre total of Snapshot 2.5 TG within a 12-month period.

**Tolerance of Turfgrass Adjacent to Ornamental Plantings:**

Accidental application to turf may occur when applying Snapshot 2.5 TG to ornamental plantings. Snapshot 2.5TG is not recommended for weed control in turfgrasses, but turfgrasses are generally tolerant to small amounts of this product that fall outside of the intended area of application.

### Use Restrictions

**In Arizona:** The state of Arizona has not approved Snapshot 2.5 TG for use on plants grown for agricultural/commercial production; such as on Christmas tree plantations, container grown or field grown ornamentals, non-bearing fruit and nut trees and non-bearing vineyards.

Not for sale, distribution or use in New York State.

Do not aerially apply Snapshot 2.5TG.

Do not apply Snapshot 2.5TG to turfgrass grown for seed.

**Treatment Species Not Listed on the Label for Snapshot 2.5 TG**

Users who wish to use Snapshot 2.5 TG on plant species not recommended on this label may determine the suitability for use by

treating a small number of such plants at a recommended rate. Prior to treatment of larger areas, the treated plants should be observed for any sign of herbicidal injury for during 30 to 60 days of normal growing conditions to determine if the treatment is safe to the target plant species. The user assumes responsibility for any plant damage or other liability resulting from use of Snapshot 2.5 TG on plant species not recommended on this label.

Application Instructions

Apply Snapshot 2.5 TG using a drop or rotary-type spreader designed to apply granular herbicides or insecticides. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or crop injury may occur. More uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at right angles to the first.

Application Techniques for Applying Snapshot 2.5 TG

- When using a drop-type spreader, a splashboard mounted under the hopper will provide more even granule distribution.
- A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps.
- For treating smaller areas or rows of nursery stock or ornamental beds, a hand held or push-type rotary applicator such as a whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed.
- A shaker-type applicator made from a small container with holes punched in the bottom is recommended for small, difficult to treat areas. Carefully measure the amount of product needed to avoid over application.
- The weight-to-volume conversion table below provides equivalent amounts of Snapshot 2.5 TG.

Broadcast Rates

| Rate    | Amount/1000 sq ft |          | Amount/100 sq ft |        |
|---------|-------------------|----------|------------------|--------|
| lb/Acre | (lb)              | (quarts) | (lb)             | (cups) |
| 100     | 2.30              | 1.75     | 0.23             | 0.7    |
| 150     | 3.45              | 2.60     | 0.35             | 1.0    |
| 200     | 4.60              | 3.50     | 0.46             | 1.4    |

1 lb of Snapshot 2.5 TG = 0.75 quart = 3 cups

Spreader Settings as a Guide for Calibration

**Note:** These settings are provided as a suggested starting point in calibrating each individual spreader. Since no two spreaders are alike, these settings are not intended to be used as absolute recommendations by Corteva Agriscience or the spreader manufacturer.

| Speed (mph) | Settings for Warren T-7 II Spreader |             |             |
|-------------|-------------------------------------|-------------|-------------|
|             | Target Rate of Snapshot 2.5 TG      |             |             |
|             | 100 lb/acre                         | 150 lb/acre | 200 lb/acre |
| 2.0         | 2 1/2                               | 3 1/4       | 3 3/4       |
| 2.5         | 3                                   | 3 1/2       | 4 1/4       |
| 3.0         | 3 1/4                               | 4           | 5           |

Warren spreader settings are displayed in half-number increments only. The suggested settings that indicate quarter settings can be accomplished by placing the calibration arm between the half number marks on the spreader.

Weeds Controlled or Suppressed

Weeds controlled when applied at 100 lb per acre (2.3 lb per 1000 sq ft):

| Common Name            | Scientific Name               |
|------------------------|-------------------------------|
| aster, slender         | <i>Aster exilis</i>           |
| barnyardgrass          | <i>Echinochloa crus-galli</i> |
| bluegrass, annual      | <i>Poa annua</i>              |
| bursage, annual        | <i>Ambrosia acanthicarpa</i>  |
| celery, wild           | <i>Apium leptophyllum</i>     |
| chickweed, common      | <i>Stellaria media</i>        |
| clover, white          | <i>Trifolium repens</i>       |
| crabgrass              | <i>Digitaria</i> spp.         |
| cudweed, purple        | <i>Gnaphalium purpureum</i>   |
| cupgrass, southwestern | <i>Eriochloa gracilis</i>     |
| fiddleneck, coast      | <i>Amsinckia intermedia</i>   |
| filaree, redstem       | <i>Erodium cicutarium</i>     |

Weeds Controlled or Suppressed (Cont.)

Weeds controlled when applied at 100 lb per acre (2.3 lb per 1000 sq ft): (Cont.)

|                         |                                  |
|-------------------------|----------------------------------|
| fleabane, blackleaved   | <i>Conyza bonariensis</i>        |
| fleabane, dwarf         | <i>Conyza ramosissima</i>        |
| foxtail, yellow         | <i>Setaria glauca</i>            |
| groundcherry, lanceleaf | <i>Physalis lanceifolia</i>      |
| henbit                  | <i>Lamium amplexicaule</i>       |
| horseweed               | <i>Conyza canadensis</i>         |
| junglerice              | <i>Echinochloa colonum</i>       |
| knotweed, prostrate     | <i>Polygonum aviculare</i>       |
| lambsquarters, common   | <i>Chenopodium album</i>         |
| mallow, little          | <i>Malva parviflora</i>          |
| mustard, Indian         | <i>Brassica juncea</i>           |
| mustard, wild           | <i>Sinapis arvensis</i>          |
| nightshade, black       | <i>Solanum nigrum</i>            |
| oat, wild               | <i>Avena fatua</i>               |
| panicum, fall           | <i>Panicum dichotomiflorum</i>   |
| pepperweed, Virginia    | <i>Lepidium virginicum</i>       |
| pigweed                 | <i>Amaranthus</i> spp.           |
| pineappleweed           | <i>Matricaria matricarioides</i> |
| plantain, slender       | <i>Plantago elongata</i>         |
| purslane, common        | <i>Portulaca oleracea</i>        |
| radish, wild            | <i>Raphanus raphanistrum</i>     |
| ragweed, common         | <i>Ambrosia artemisiifolia</i>   |
| rocket, London          | <i>Sisymbrium irio</i>           |
| rockpurslane, desert    | <i>Calandrinia ciliata</i>       |
| shepherdspurse          | <i>Capsella bursa-pastoris</i>   |
| sibara                  | <i>Sibara virginica</i>          |
| smartweed, Pennsylvania | <i>Polygonum pensylvanicum</i>   |
| sowthistle, annual      | <i>Sonchus oleraceus</i>         |
| speedwell, purslane     | <i>Veronica peregrina</i>        |
| sprangletop, Mexican    | <i>Leptochloa univervia</i>      |
| telegraphplant          | <i>Heterotheca grandiflora</i>   |
| thistle, Russian        | <i>Salsola iberica</i>           |
| witchgrass              | <i>Panicum capillare</i>         |

Weeds controlled when applied at 150 lb per acre (3.5 lb per 1000 sq ft):

| Common Name             | Scientific Name                                  |
|-------------------------|--------------------------------------------------|
| aster, heath            | <i>Aster ericoides</i>                           |
| bittercress             | <i>Cardamine oligosperma</i>                     |
| bittercress, hairy      | <i>Cardamine hirsuta</i>                         |
| brassbuttons, southern  | <i>Cotula australis</i>                          |
| carrot, wild            | <i>Daucus carota</i>                             |
| chamberbitter           | <i>Phyllanthus urinaria</i>                      |
| chickweed, mouseear     | <i>Cerastium vulgatum</i>                        |
| dandelion               | <i>Taraxacum officinale</i>                      |
| eclipta                 | <i>Eclipta prostrata</i>                         |
| fireweed                | <i>Erechtites hieracifolia</i>                   |
| foxtail, giant          | <i>Setaria faberi</i>                            |
| galinsoga, hairy        | <i>Galinsoga ciliata</i>                         |
| geranium, Carolina      | <i>Geranium carolinianum</i>                     |
| groundsel, common       | <i>Senecio vulgaris</i>                          |
| ladythumb               | <i>Polygonum persicaria</i>                      |
| lettuce, prickly        | <i>Lactuca serriola</i>                          |
| lovegrass               | <i>Eragrostis</i> spp.                           |
| mallow, dwarf           | <i>Malva rotundifolia</i>                        |
| marestail               | <i>Hippuris vulgaris</i>                         |
| mayweed                 | <i>Anthemis cotula</i>                           |
| morningglory, ivyleaf   | <i>Ipomoea hederacea</i>                         |
| mustard, black          | <i>Brassica nigra</i>                            |
| pennywort               | <i>Hydrocotyle</i> spp.                          |
| phyllanthus, long-stalk | <i>Phyllanthus tenellus</i>                      |
| plantain, bracted       | <i>Plantago aristata</i>                         |
| plantain, broadleaf     | <i>Plantago major</i>                            |
| plantain, buckhorn      | <i>Plantago lanceolata</i>                       |
| pokeweed, common        | <i>Phytolacca americana</i>                      |
| rockpurslane, redmaids  | <i>Calandrinia ciliata</i> var. <i>menziesii</i> |
| ryegrass, annual        | <i>Lolium multiflorum</i>                        |
| sida, prickly           | <i>Sida spinosa</i>                              |
| sorrell, red            | <i>Rumex acetosella</i>                          |



## Weeds Controlled or Suppressed (Cont.)

### Weeds controlled when applied at 150 lb per acre (3.5 lb per 1000 sq ft): (Cont.)

|                      |                               |
|----------------------|-------------------------------|
| speedwell, thymeleaf | <i>Veronica serpyllifolia</i> |
| spurge, hyssop       | <i>Euphorbia hyssopifolia</i> |
| spurge, spotted      | <i>Euphorbia maculata</i>     |
| sweetclover, yellow  | <i>Melilotus officinalis</i>  |
| tansymustard, green  | <i>Descurainia pinnata</i>    |
| velvetleaf           | <i>Abutilon theophrasti</i>   |
| woodsorrel, yellow   | <i>Oxalis stricta</i>         |

### Weeds controlled when applied at 200 lb per acre (4.6 lb per 1000 sq ft):

| Common Name            | Scientific Name                 |
|------------------------|---------------------------------|
| barley, hare           | <i>Hordeum leporinum</i>        |
| bromegrass             | <i>Bromus</i> spp.              |
| burclover, California  | <i>Medicago polymorpha</i>      |
| cheat                  | <i>Bromus secalinus</i>         |
| datura                 | <i>Datura</i> spp.              |
| dogfennel              | <i>Eupatorium capillifolium</i> |
| eveningprimrose        | <i>Oenothera</i> spp.           |
| fescue, rattail        | <i>Vulpia myuros</i>            |
| filaree, whitestem     | <i>Erodium moschatum</i>        |
| goosefoot, nettleleaf  | <i>Chenopodium murale</i>       |
| goosegrass             | <i>Eleusine indica</i>          |
| jimsonweed             | <i>Datura stramonium</i>        |
| knotweed, silversheath | <i>Polygonum argyrocoleon</i>   |
| kochia                 | <i>Kochia scoparia</i>          |
| medic, black           | <i>Medicago lupulina</i>        |
| mullein, turkey        | <i>Eremocarpus setigerus</i>    |
| nettle, burning        | <i>Urtica urens</i>             |
| nettle, stinging       | <i>Urtica dioica</i>            |
| ox tongue, bristly     | <i>Picris echioides</i>         |
| pimpernel, scarlet     | <i>Anagallis arvensis</i>       |
| sandbur, field         | <i>Cenchrus incertus</i>        |
| signalgrass            | <i>Brachiaria</i> spp.          |
| sowthistle, spiny      | <i>Sonchus asper</i>            |
| spurge, petty          | <i>Euphorbia peplus</i>         |
| spurge, prostrate      | <i>Euphorbia humistrata</i>     |
| stinkgrass             | <i>Eragrostis cilianensis</i>   |
| sunflower              | <i>Helianthus</i> spp.          |
| swinecress             | <i>Coronopus didymus</i>        |
| thistle, musk          | <i>Carduus nutans</i>           |
| willoweed, panicle     | <i>Epilobium paniculatum</i>    |
| woodsorrel, creeping   | <i>Oxalis corniculata</i>       |

### Weeds partially controlled or suppressed when applied at 200 lb per acre (4.6 lb per 1000 sq ft):

| Common Name             | Scientific Name             |
|-------------------------|-----------------------------|
| bindweed, field         | <i>Convolvulus arvensis</i> |
| carpetweed              | <i>Mollugo verticillata</i> |
| dock, curly             | <i>Rumex crispus</i>        |
| johnsongrass (seedling) | <i>Sorghum halepense</i>    |
| mallow, Venice          | <i>Hibiscus trionum</i>     |
| milkweed, honeyvine     | <i>Ampelamus albidus</i>    |
| morningglory, tall      | <i>Ipomoea purpurea</i>     |
| panicum, Texas          | <i>Panicum texanum</i>      |
| pusley, Florida         | <i>Richardia scabra</i>     |
| shattercane             | <i>Sorghum bicolor</i>      |

## Weed Resistance Management

Snapshot 2.5 TG, which contains the active ingredients trifluralin and isoxaben, is a Group 3 and 29 herbicide, respectively, based on the mode of action classification system of the Weed Science Society of America.

## Best Management Practices

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is a best practice. A diversified weed management program may include the use of multiple herbicides with different modes of action and overlapping weed spectrum with or without tillage operations and/or other cultural practices. Research has demonstrated that using the

labeled rate and directions for use is important to delay the selection for resistance.

Scouting after herbicide application is important because it can facilitate the early identification of weed shifts and/or weed resistance and thus provide direction on future weed management practices. One of the best ways to contain resistant weed populations is to implement measures to avoid allowing weeds to reproduce by seed or to proliferate vegetatively. Cleaning equipment between sites and avoiding movement of plant material between sites will greatly aid in reducing the spread of resistant weed seed. The continued effectiveness of this product depends on the successful implementation of a weed resistance management program.

To aid in the prevention of developing weeds resistant to this product, users should:

- Scout fields before application to ensure herbicides and rates will be appropriate for the weed species and weed sizes present.
- Start with a clean field, using either a burndown herbicide application or tillage.
- If using post-emergence herbicides or tank mixes, control weeds early when they are relatively small.
- Apply full rates of Snapshot 2.5 TG for the most difficult to control weed in the field at the specified time to minimize weed escapes.
- Scout fields after application to detect weed escapes or shifts in control of weed species.
- Control weed escapes before they reproduce by seed or proliferate vegetatively.
- Report any incidence of non-performance of this product against a particular weed to your local company representative, local retailer, or county extension agent.
- Contact your local company representative, crop advisor, or extension agent to find out if suspected resistant weeds to these MOAs have been found in your region. Do not assume that each listed weed is being controlled by multiple mode of action. Products with multiple active ingredients are intended to broaden the spectrum of weeds that are controlled. Some weeds may be controlled by only one of the active ingredient in this product.
- If resistance is suspected, treat weed escapes with an herbicide having a mode of action other than Group 3 and 29 and/or use nonchemical methods to remove escapes, as practical, with the goal of preventing further seed production.
- Suspected herbicide-resistant weeds may be identified by these indicators:
  - Failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds;
  - A spreading patch of non-controlled plants of a particular weed species; and
  - Surviving plants mixed with controlled individuals of the same species.

Additionally, users should follow as many of the following herbicide resistance management practices as is practical:

- Use a broad spectrum herbicide with other mode of action as a foundation in a weed control program, if appropriate.
- Utilize sequential applications of herbicides with alternative modes of action.
- Rotate the use of this product with non-Group 3 and 29 herbicides.
- Avoid making more than two sequential applications of Snapshot 2.5 TG and any other Group 3 and 29 herbicides within a single growing season unless mixed with an herbicide with a different mode of action with an overlapping spectrum for the difficult-to-control weeds.
- Incorporate non-chemical weed control practices, such as mechanical cultivation, crop rotation, cover crops and weed-free crop seeds, as part of an integrated weed control program.
- Use good agronomic principles that enhance crop development and crop competitiveness.
- Thoroughly clean plant residues from equipment before leaving fields suspected to contain resistant weeds and avoid moving plant material between sites.
- Manage weeds in and around fields to reduce weed seed production.

## Uses

### Ornamental Plantings

Snapshot 2.5 TG is recommended as a preemergence treatment for control of certain broadleaf weeds and annual grasses in container grown ornamentals, landscape ornamentals, field grown ornamentals, ground covers/perennials, Christmas trees, non-bearing fruit and nut crops, and non-bearing vineyards. Apply Snapshot 2.5 TG any time prior to germination of target weeds, or immediately after cultivation.

Refer to the General Information section of this label for General Use Precautions and information on application, application rates and weeds controlled.

**Use Restrictions:**

To avoid possible injury, do not apply Snapshot 2.5 TG to:

- nursery, forest, or Christmas tree: seedling beds, cutting beds, or transplant beds.
- nursery seedbeds or forest or Christmas tree seedling transplant beds.
- unrooted liners or cuttings that have been planted in pots for the first time.
- pots less than four inches wide.
- bedding plants or areas where bedding plants will be planted or transplanted within one year following application.
- groundcovers until they are established and well rooted.

Do not apply Snapshot 2.5 TG to newly transplanted ornamentals, nursery stock, Christmas trees, groundcovers, non-bearing fruit and nut trees and non-bearing vineyards until soil or potting media has been settled by packing and irrigation or rainfall and no cracks are present or injury may occur.

Repeat applications at 150 lb per acre and higher should not be made sooner than 60 days after a previous application of Snapshot 2.5 TG. Do not apply over 600 lb per acre total of Snapshot 2.5 TG within a 12-month period.

Where loss of stand has occurred in field grown ornamentals, use untreated soil as fill around roots when replacing plants or injury may occur.

**Note:** Injury on the following plant species has been observed following applications of Snapshot 2.5 TG and use is not recommended.

| Common Name                  | Scientific Name                                     |
|------------------------------|-----------------------------------------------------|
| ballerina cranesbill         | <i>Geranium cinereum</i> 'Ballerina'                |
| bertram anderson lingwort    | <i>Pulmonaria longifolia</i>                        |
| bugle                        | <i>Ajuga</i> spp.                                   |
| cajeput tree                 | <i>Melaleuca quinquenervia</i>                      |
| candytuft                    | <i>Iberis</i> spp.                                  |
| Carolina rhododendron        | <i>Rhododendron carolinianum</i>                    |
| dwarf burning bush           | <i>Euonymus alatus</i> 'compacta'                   |
| foxglove                     | <i>Digitalis purpurea</i>                           |
| green yucca                  | <i>Yucca recurvifolia</i>                           |
| hydrangea                    | <i>Hydrangea</i> spp.                               |
| luxuriant bleeding heart     | <i>Dicentra luxuriant</i>                           |
| mountain sandwort            | <i>Arenaria montana</i>                             |
| mustard                      | <i>Brassica</i> spp.                                |
| oak leaf acanthus            | <i>Acanthus mollis</i>                              |
| prince of wales juniper      | <i>Juniperus horizontalis</i> 'Prince of Wales'     |
| purple coneflower            | <i>Echinacea purpurea</i>                           |
| roseum elegans rhododendron  | <i>Rhododendron catawbiense</i><br>'Roseum elegans' |
| spurge                       | <i>Euphorbia</i> spp.                               |
| stonecrop                    | <i>Sedum</i> spp.                                   |
| summer phlox                 | <i>Phlox paniculata</i>                             |
| white festival baby's breath | <i>Gypsophila paniculata</i>                        |
| wine periwinkle              | <i>Vinca minor</i> 'Atropurpurea'                   |

**Snapshot 2.5 TG may be used on the following established plant species (Note: Limitations on recommended treatment methods):**

**Trees**

**Recommended Treatment Method:**  
**C = Container Grown**  
**F = Field Grown**

| Scientific Name                   | Common Name                  |      |
|-----------------------------------|------------------------------|------|
| <i>Abies balsamea</i>             | fir, balsam                  | C, F |
| <i>Abies concolor</i>             | fir, white                   | F    |
| <i>Abutilon hybridum</i>          | albus-flowering maple        | C, F |
|                                   | luteus-flowering maple       | C, F |
|                                   | roseus-flowering maple       | C, F |
|                                   | tangerine-flowering maple    | C, F |
|                                   | vesuvius red-flowering maple | F    |
| <i>Acer ginnala</i>               | flame maple                  | F    |
| <i>Acer rubrum</i>                | red maple                    | F    |
|                                   | red sunset maple             | F    |
| <i>Acer saccharinum</i>           | silver maple                 | C, F |
| <i>Alsophila australis</i>        | Australian tree fern         | C, F |
| <i>Areacastrum romanzoffianum</i> | queen palm                   | C, F |
| <i>Betula nigra</i>               | birch, river                 | C, F |
| <i>Betula papyrifera</i>          | paper birch                  | F    |
| <i>Brachychiton populneus</i>     | bottle tree                  | C, F |
| <i>Bucida buceras</i>             | black olive                  | F    |
| <i>Ceratonia siliqua</i>          | carob                        | F    |
| <i>Cercis canadensis</i>          | redbud                       | C, F |
| <i>Chamaecyparis obtusa</i>       | filicoides-fernspray cypress | F    |

**Trees (Cont.)****Scientific Name**

*Chamaecyparis obtusa*  
*Chamaecyparis pisifera*

*Chamaedorea cataractarum*

*Chamaedorea costaricana*  
*Chamaedorea elegans*  
*Cornus florida*

*Crataegus viridis*  
*Cryptomeria japonica*  
*Cupaniopsis anacardioides*  
*Cupressocyparis x*  
'Emerald Isle'

*Cupressus arizonica*  
*Cupressus glabra*  
*Cupressus sempervirens*  
*Dicksonia antarctica*  
*Elaeagnus angustifolia*  
*Elaeagnus x* 'Gilt edge'  
*Eucalyptus camaldulensis*  
*Eucalyptus cinerea*

*Eucalyptus microtheca*  
*Eucalyptus sideroxylon*  
*Ficus benjamina*

*Fraxinus udhei*  
*Ginkgo biloba*  
*Gleditsia triacanthos*

*Heteromeles arbutiflora*  
*Illicium floridanum*  
*Juniperus virginiana*  
*Liquidambar styraciflua*  
*Magnolia grandiflora*  
*Morus alba*  
*Musa aluminata*  
*Oxydendrum arboreum*  
*Picea abies*

*Picea glauca*  
*Picea glauca conica*  
*Picea pungens*

*Pinus aristata*  
*Pinus canariensis*  
*Pinus contorta*  
*Pinus eldarica*  
*Pinus leucodermis*  
*Pinus mugo*

*Pinus nigra*  
*Pinus radiata*  
*Pinus strobus*  
*Pinus strobus*  
*Pinus sylvestris*

*Pinus thunbergiana*  
*Platanus occidentalis*  
*Platanus racemosa*  
*Podocarpus* spp.  
*Populus deltoides*  
*Prosopis chilensis*

**Recommended Treatment Method:**  
**C = Container Grown**  
**F = Field Grown**

**Common Name**

gracilis-slender hinoki cypress F  
sawara-false cypress F  
squarrosa-moss cypress F  
cat palm F  
palm C, F  
palm C, F  
parlor palm C, F  
cloud nine dogwood C, F  
dogwood, flowering C, F  
green hawthorn F  
cryptomeria, Japanese C, F  
carrot wood F  
emerald island leyland cypress C, F

Arizona cypress C, F  
Arizona cypress F  
Italian cypress C, F  
Tasmanian tree fern C, F  
Russian olive C, F  
gilt edge silverberry C, F  
red gum eucalyptus F  
eucalyptus, meal F  
silver dollar eucalyptus F  
coolibah tree C, F  
eucalyptus, red ironbark F  
figus C, F  
mini figus C, F  
shamel ash C, F  
ginkgo (maidenhair tree) F  
honey locust F  
shademaster honey locust F  
toyon F  
Florida anise-tree C, F  
redcedar, eastern C, F  
sweetgum, American F  
magnolia, southern C, F  
white mulberry F  
banana C, F  
sourwood C, F  
pendula-weeping Norway C, F  
spruce  
repens-spreading Norway C, F  
spruce  
spruce, Norway C, F  
conica-dwarf Alberta spruce C, F  
dwarf Alberta spruce F  
dwarf globe blue spruce C, F  
glauca-Colorado blue spruce C, F  
hoopsii-hoop's blue spruce C, F  
koster-koster blue spruce F  
bristlecone pine F  
canary island pine F  
shore pine, beach pine F  
eldarica pine C, F  
Bosnian pine C, F  
pumilio-shrubby swiss C, F  
mountain pine  
Austrian black pine C, F  
monterey pine F  
eastern white pine C, F  
white pine C, F  
columnar Scotch pine C, F  
Scotch pine C, F  
Japanese black pine C, F  
American sycamore F  
Califorina sycamore F  
podocarpus F  
cottonwood F  
Chilean mesquite C, F

**Trees (Cont.)**

**Recommended Treatment Method:**  
**C = Container Grown**  
**F = Field Grown**

| Scientific Name                 | Common Name              |      |
|---------------------------------|--------------------------|------|
| <i>Prunus yedoensis</i>         | yoshino flowering cherry | F    |
| <i>Quercus ilicifolia</i>       | bear oak                 | F    |
| <i>Quercus palustris</i>        | pin oak                  | F    |
| <i>Quercus phellos</i>          | willow oak               | C, F |
| <i>Quercus rubra</i>            | red oak                  | C, F |
| <i>Quercus virginiana</i>       | live oak                 | C, F |
| <i>Salix babylonica</i>         | babylon weeping willow   | F    |
|                                 | corkscrew willow         | F    |
| <i>Sequoiadendron giganteum</i> | giant sequoia            | F    |
| <i>Swietenia mahogani</i>       | mahogany                 | F    |
| <i>Tabebuia caraiba</i>         | yellow tab               | F    |
| <i>Tsuga canadensis</i>         | eastern hemlock          | C, F |
| <i>Ulmus parvifolia</i>         | Chinese elm              | F    |
| <i>Washingtonia robusta</i>     | Mexican fan palm         | F    |

**Shrubs**

**Recommended Treatment Method**  
**C = Container Grown**  
**F = Field Grown**

| Scientific Name                   | Common Name                         |      |
|-----------------------------------|-------------------------------------|------|
| <i>Abelia grandiflora</i>         | Edward Goucher abelia               | C, F |
|                                   | glossy abelia                       | C, F |
| <i>Acacia abyssinica</i>          | abyssinica acacia                   | C, F |
| <i>Acacia redolens</i>            | acacia, prostrate                   | C, F |
| <i>Acacia stenophylla</i>         | shoestring acacia                   | C, F |
| <i>Acalypha wilkesiana</i>        | copper leaf                         | C, F |
| <i>Acer ginnala</i>               | amur maple                          | C, F |
| <i>Acer palmatum</i>              | coral bark Japanese maple           | C, F |
|                                   | dwarf Japanese maple                | C, F |
| <i>Agapanthus africanus</i>       | queen Anne lily of the Nile         | C, F |
| <i>Agave americana</i>            | century plant                       | F    |
| <i>Anisodonta hypomandarum</i>    | cape mallow                         | C, F |
| <i>Aptenia cordifolia</i>         | red apple aptenia                   | C, F |
| <i>Ardisia japonica</i>           | chirimen marlberry                  | C, F |
| <i>Astible arendsii</i>           | false spiraea                       | C, F |
| <i>Astilbe chinensis</i>          | astilbe/false spirea                | C, F |
| <i>Athyrium nipponicum</i>        | Japanese painted fern               | C, F |
| <i>Baccharis pilularis</i>        | coyotebush                          | F    |
| <i>Berberis gladwynensis</i>      | William Penn barberry               | C, F |
| <i>Berberis mentorensis</i>       | mentor barberry                     | C, F |
| <i>Berberis thunbergii</i>        | aurea-golden Japanese barberry      | F    |
|                                   | crimson pygmy barberry              | C, F |
|                                   | rose glow barberry                  | C, F |
|                                   | atropurea-redleaf Japanese barberry | F    |
|                                   | cherry bomb barberry                | C, F |
| <i>Bougainvillea</i> spp.         | barbara karst                       | C, F |
|                                   | California gold                     | C, F |
|                                   | pink pixie                          | C, F |
|                                   | Scarlet O'Hara                      | C, F |
|                                   | temple fire                         | C, F |
|                                   | Texas dawn                          | C, F |
| <i>Buxus</i> x 'Green velvet'     | green velvet boxwood                | C, F |
| <i>Buxus microphylla japonica</i> | boxwood, Japanese                   | C, F |
| <i>Buxus microphylla Koreana</i>  | Korean boxwood                      | F    |
| <i>Buxus sempervirens</i>         | boxwood, common                     | C, F |
| <i>Callistemon citrinus</i>       | bottlebrush, lemon                  | F    |
| <i>Callistemon viminalis</i>      | weeping bottlebrush                 | C, F |
| <i>Calluna vulgaris</i>           | spring torch Scotch heather         | C, F |
| <i>Camellia japonica</i>          | camellia                            | C, F |
| <i>Caryopteris x clandonen</i>    | dark knight bluebeard               | C, F |
| <i>Cassia artemisioides</i>       | cassia, feathery                    | C, F |
| <i>Ceanothus</i> spp.             | wild lilac                          | F    |
| <i>Cephalotaxus drupacea</i>      | plum yew                            | C, F |
| <i>Cerastium tomentosum</i>       | snow-in-summer                      | C, F |
| <i>Chamaecyparis obtusa</i>       | kosteri cypress                     | C, F |
|                                   | nana-dwarf hinoki cypress           | C, F |
|                                   | torulosa cypress                    | C, F |

**Shrubs (Cont.)**

**Recommended Treatment Method**  
**C = Container Grown**  
**F = Field Grown**

| Scientific Name                      | Common Name                   |      |
|--------------------------------------|-------------------------------|------|
| <i>Chamaecyparis pisifera</i>        | baileyi-dogwood               | F    |
|                                      | flaviramea-dogwood            | F    |
|                                      | squarrosa minima cypress      | C, F |
| <i>Chamaecyparis pisifera</i> spp.   | filifera-thread cypress       | C, F |
| <i>Chrysalidocarpus lutescens</i>    | areca palm                    | F    |
| <i>Clethra alnifolia</i>             | summersweet                   | C, F |
| <i>Cleyera japonica</i>              | cleysera, Japanese            | C, F |
| <i>Coleonema pulchrum</i>            | pink breath of heaven         | C, F |
| <i>Convolvulus cneorum</i>           | bush morning glory            | C, F |
| <i>Cornus alba</i>                   | sibirica-Siberian dogwood     | C, F |
| <i>Cornus stolonifera</i>            | baileyi-red-osier dogwood     | F    |
|                                      | flaviramea-yellowtwig dogwood | F    |
| <i>Cotinus coggygia</i>              | royal purple smoke tree       | C, F |
| <i>Cotinus dammeri</i>               | coral beauty smoke tree       | C, F |
|                                      | eichholz smoke tree           | C, F |
| <i>Cotoneaster adpressus</i>         | praecox-early cotoneaster     | C, F |
| <i>Cotoneaster apiculatus</i>        | cotoneaster, cranberry        | C, F |
| <i>Cotoneaster congestus</i>         | cotoneaster, Pyrenees         | C, F |
| <i>Cotoneaster dammeri</i>           | cotoneaster, bearberry        | C, F |
| <i>Cotoneaster himalayan</i>         | Himalayan cotoneaster         | C, F |
| <i>Cotoneaster horizontalis</i>      | cotoneaster, rock             | C, F |
| <i>Cotoneaster opiculata</i>         | cotoneaster                   | C, F |
| <i>Cycas revoluta</i>                | sago palm                     | C, F |
| <i>Cytisus praecox</i>               | hollandia-warminster broom    | C, F |
| <i>Cytisus scoparius</i>             | lena-Scotch broom             | C, F |
| <i>Cytisus</i> spp.                  | holandia-Scotch broom         | F    |
| <i>Daphne odora</i>                  | fragrant daphne               | C, F |
| <i>Deutzia crenata</i>               | nakiana-dwarf deutzia         | C, F |
| <i>Deutzia gracilis</i>              | slender gracilis              | C, F |
| <i>Dodonea viscosa</i>               | hopseed bush                  | F    |
| <i>Elaeagnus pungens</i>             | fruitland silver berry        | C, F |
| <i>Erica cinerea</i>                 | purple bell heather           | C, F |
| <i>Erica vagans</i>                  | cornish heather               | C, F |
| <i>Erica x darleyensa</i>            | Mediterranean pink heather    | C, F |
| <i>Eugenia myrtifolia</i>            | dwarf brush cherry            | C, F |
| <i>Euonymus</i> x 'Aureo variegatus' | gold spot euonymus            | C, F |
| <i>Euonymus</i> x 'Chollipo'         | chollipo euonymus             | C, F |
| <i>Euonymus fortunei</i>             | canadale gold euonymus        | C, F |
|                                      | emerald'n gold euonymus       | F    |
|                                      | sunspot euonymus              | C, F |
| <i>Euonymus japonica</i>             | silver king euonymus          | F    |
|                                      | variegated evergreen euonymus | C, F |
| <i>Euonymus kiatschovica</i>         | spreading euonymus            | C, F |
| <i>Euonymus vegetus</i>              | bigleaf wintercreeper         | C, F |
| <i>Euryops pectinatus</i>            | dwarf euryops                 | C, F |
| <i>Fatsia japonica</i>               |                               | C, F |
| <i>Fatsia japonica</i>               | Japanese aralia               | C, F |
| <i>Felicia ameloides</i>             | blue marguerite               | C, F |
| <i>Forsythia intermedia</i>          | forsythia, border             | C, F |
| <i>Forsythia</i> x 'Spring glory'    | spring glory forsythia        | C, F |
| <i>Gardenia jasminoides</i>          | august beauty gardenia        | C, F |
|                                      | gardenia                      | C, F |
|                                      | radican gardenia              | C, F |
| <i>Gaultheria shallon</i>            | salal/lemon leaf              | C, F |
| <i>Gelsemium sempervirens</i>        | Carolina jessamine            | C, F |
| <i>Genista pilosa</i>                | woadwaxen                     | C, F |
| <i>Hibiscus rosa-sinensis</i>        | ross estey-hibiscus           | C, F |
| <i>Hibiscus syriacus</i>             | rose of Sharon, red bird      | C, F |
|                                      | rose of Sharon, red heart     | F    |
|                                      | rose of Sharon, woodbridge    | C, F |
|                                      | rose of Sharon, aphrodite     |      |
|                                      | rose of Sharon, Helene        |      |
| <i>Ilex aquifolium</i>               | Balkans holly                 | F    |
|                                      | gold coast holly              | F    |
| <i>Ilex aquipernyi</i>               | san jose holly                | C, F |
| <i>Ilex attenuata</i>                | savannah holly                | C, F |



| Shrubs (Cont.)                |                                 | Recommended Treatment Method<br>C = Container Grown<br>F = Field Grown | Shrubs (Cont.)                     |                                  | Recommended Treatment Method<br>C = Container Grown<br>F = Field Grown |
|-------------------------------|---------------------------------|------------------------------------------------------------------------|------------------------------------|----------------------------------|------------------------------------------------------------------------|
| Scientific Name               | Common Name                     |                                                                        | Scientific Name                    | Common Name                      |                                                                        |
| <i>Ilex cornuta</i>           | burford holly                   | C, F                                                                   |                                    | wax ligustrum                    | C, F                                                                   |
|                               | dwarf burford holly             | C, F                                                                   |                                    | yellow tip ligustrum             | C, F                                                                   |
|                               | needle point holly              | C, F                                                                   | <i>Ligustrum lucidum</i>           | privet, glossy                   | C, F                                                                   |
| <i>Ilex crenata</i>           | compacta-dwarf                  | C, F                                                                   | <i>Ligustrum ovalifolium</i>       | California privet                | F                                                                      |
|                               | Japanese holly                  |                                                                        | <i>Ligustrum texanum</i>           | howardi privet                   | C, F                                                                   |
| <i>Ilex crenata</i>           | convexa holly                   | C, F                                                                   |                                    | wax leaf privet                  | C, F                                                                   |
|                               | dwarf Chinese holly             | C, F                                                                   | <i>Ligustrum vicaryi</i>           | privet, golden                   | F                                                                      |
|                               | green luster holly              | C, F                                                                   |                                    | vicary golden privet             | F                                                                      |
|                               | helleri-heller's Japanese holly | C, F                                                                   | <i>Ligustrum vulgare</i>           | lodense privet                   | C, F                                                                   |
|                               | hetzii's Japanese holly         | C, F                                                                   | <i>Livistona chinensis</i>         | Chinese fountain palm            | F                                                                      |
|                               | stokesii Japanese holly         | C, F                                                                   | <i>Lonicera fragrantissima</i>     | winter honeysuckle               | C, F                                                                   |
| <i>Ilex glabra</i>            | compacta-compact                | C, F                                                                   | <i>Lonicera periclymenum</i>       | flowering woodbine               | C, F                                                                   |
|                               | inkberry holly                  |                                                                        |                                    | serotina woodbine                | C, F                                                                   |
|                               | nordica-inkberry holly          | C, F                                                                   | <i>Lonicera sempervirens</i>       | trumpet honeysuckle              | C, F                                                                   |
| <i>Ilex meserveae</i>         | blue boy holly                  | C, F                                                                   | <i>Loropetalum chinense</i>        | fringe flower                    | C, F                                                                   |
|                               | blue girl holly                 | C, F                                                                   | <i>Mahonia aquifolium compacta</i> | dwarf Oregon grape               | C, F                                                                   |
|                               | China boy holly                 |                                                                        | <i>Mahonia bealei</i>              | leather leaf mahonia             | C, F                                                                   |
|                               | China girl holly                |                                                                        | <i>Mahonia repens</i>              | creeping mahonia                 | C, F                                                                   |
|                               | ebony magic holly               | F                                                                      | <i>Myrica cerifera</i>             | wax myrtle                       | C, F                                                                   |
| <i>Ilex vomitoria</i>         | nana-dwarf yaupon holly         | C, F                                                                   | <i>Nandina domestica</i>           | compacta-dwarf heavenly          | C, F                                                                   |
|                               | pendula-weeping                 | C, F                                                                   |                                    | bamboo                           |                                                                        |
|                               | yaupon holly                    |                                                                        |                                    | harbour dwarf-heavenly           | C, F                                                                   |
|                               | yaupon holly                    | C, F                                                                   |                                    | bamboo                           |                                                                        |
| <i>Illicium annisatum</i>     | mystery gardenia                | C, F                                                                   |                                    | heavenly bamboo (nandina)        | C, F                                                                   |
| <i>Itea ilicifolia</i>        | henry garnet holly leaf         | C, F                                                                   |                                    | nana compacta-heavenly           | C, F                                                                   |
|                               | sweetspire                      |                                                                        |                                    | bamboo                           |                                                                        |
| <i>Ixora collinea</i>         | ixora                           | C, F                                                                   |                                    | nana purpurea-heavenly           | C, F                                                                   |
| <i>Juniperus chinensis</i>    | hollywood juniper               | C, F                                                                   |                                    | bamboo                           |                                                                        |
|                               | media-old gold juniper          | C, F                                                                   |                                    | woods dwarf-heavenly             | C, F                                                                   |
|                               | pfitzer juniper                 | C, F                                                                   |                                    | bamboo                           |                                                                        |
|                               | pfitzerana glauca-blue juniper  | C, F                                                                   | <i>Nerium oleander</i>             | hardy red oleander               | C, F                                                                   |
|                               | pfitzerana-pfitzer juniper      | C, F                                                                   |                                    | oleander                         | C, F                                                                   |
|                               | sea green juniper               | F                                                                      |                                    | ruby lace oleander               | C, F                                                                   |
|                               | torulosa-hollywood juniper      | C, F                                                                   | <i>Osmanthus fortunei</i>          | fortunes osmanthus               | C, F                                                                   |
| <i>Juniperus conferta</i>     | emerald sea shore juniper       | C, F                                                                   | <i>Pachysandra terminalis</i>      | Japanese spurge                  | C, F                                                                   |
|                               | shore juniper                   | C, F                                                                   | <i>Phoenix roeloenii</i>           | pigmy date palm                  | C, F                                                                   |
| <i>Juniperus horizontalis</i> | andorra juniper                 | C, F                                                                   | <i>Photinia fraseri</i>            | Fraser's photinia                | C, F                                                                   |
|                               | bar harbor juniper              | C, F                                                                   | <i>Pieris japonica</i>             | lily-of-the-valley               | C, F                                                                   |
|                               | blue chip juniper               | C, F                                                                   |                                    | mountain fire lily-of-the-valley | C, F                                                                   |
|                               | blue rug juniper                | C, F                                                                   |                                    | snowdrift lily-of-the-valley     | C, F                                                                   |
|                               | creeping juniper                | C, F                                                                   |                                    | temple bells lily-of-the-valley  | C, F                                                                   |
|                               | dwarf andorra juniper           | C, F                                                                   |                                    | valley rose lily-of-the-valley   | C, F                                                                   |
|                               | huntington blue juniper         | C, F                                                                   |                                    | valley valentine lily-of-the-    | C, F                                                                   |
|                               | plumosa-andorra juniper         | C, F                                                                   |                                    | valley                           |                                                                        |
|                               | wiltonii-blue carpet juniper    | C, F                                                                   | <i>Pieris japonica x forestii</i>  | forest flame lily-of-the-valley  | C, F                                                                   |
| <i>Juniperus procumbens</i>   | nana-dwarf Japaneses            | C, F                                                                   | <i>Pinus mugo</i>                  | mugo-mugho pine                  | C, F                                                                   |
|                               | garden juniper                  |                                                                        | <i>Pittosporum tobira</i>          | green pittosporum                | C, F                                                                   |
| <i>Juniperus prostrata</i>    | prostrata juniper               | C, F                                                                   |                                    | wheeler's dwarf pittosporum      | C, F                                                                   |
| <i>Juniperus Sabina</i>       | broadmoor juniper               | C, F                                                                   | <i>Plumbago ariculata</i>          | blue cape plumbago               | F                                                                      |
|                               | foemina-hicks juniper           | C, F                                                                   | <i>Plumbago capensis</i>           | plumbago                         | C, F                                                                   |
|                               | savin juniper                   | C, F                                                                   | <i>Podocarpus macrophyllus</i>     | yewpine                          | C, F                                                                   |
|                               | tamariscifolia-tam juniper      | C, F                                                                   | <i>Polygala dalmaisiana</i>        | sweet pea shrub                  | C, F                                                                   |
| <i>Juniperus scopulorum</i>   | emerald green juniper           | F                                                                      | <i>Polystichum polyblepharum</i>   | tassel fern                      | C, F                                                                   |
| <i>Juniperus squamata</i>     | blue juniper                    | C, F                                                                   | <i>Potentilla fragiformis</i>      | cinquefoil                       | F                                                                      |
|                               | blue star juniper               | C, F                                                                   | <i>Potentilla fruticosa</i>        | cinquefoil                       | C, F                                                                   |
|                               | parsonii juniper                | C, F                                                                   |                                    | gold drop pontentilla            | F                                                                      |
| <i>Kalmia latifolia</i>       | laurel, mountain                | C, F                                                                   | <i>Potentilla verna</i>            | goldfinger potentilla            | C, F                                                                   |
| <i>Lagerstroemia indica</i>   | crepe myrtle                    | C, F                                                                   | <i>Prunus glandulosa</i>           | red ace potentilla               | C, F                                                                   |
| <i>Lantana</i> spp.           | lantana                         | C, F                                                                   |                                    | spring cinquefoil                | C, F                                                                   |
| <i>Lavandula angustifolia</i> | English lavender                | C, F                                                                   | <i>Pyracantha fortuneana</i>       | dwarf pink flowering             | C, F                                                                   |
| <i>Lavandula latifolia</i>    | English spike lavender          | C, F                                                                   |                                    | almond                           |                                                                        |
| <i>Lavandula officianalis</i> | English lavender                | C, F                                                                   |                                    | lolendei monrovia pyracantha     | C, F                                                                   |
| <i>Leptospermum scoparium</i> | New Zealand tea tree            | C, F                                                                   |                                    |                                  |                                                                        |
| <i>Leucothoe axillaris</i>    | leucothoe, coast                | C, F                                                                   |                                    |                                  |                                                                        |
| <i>Leucothoe fontanesiana</i> | leucothoe, drooping             | C, F                                                                   |                                    |                                  |                                                                        |
| <i>Ligustrum japonicum</i>    | privet, Japanese                | C, F                                                                   |                                    |                                  |                                                                        |

## Shrubs (Cont.)

Recommended Treatment Method  
C = Container Grown  
F = Field Grown

| Scientific Name                                  | Common Name                          |      |
|--------------------------------------------------|--------------------------------------|------|
|                                                  | monon pyracantha                     | F    |
|                                                  | red elf hybrid pyracantha            | F    |
|                                                  | rutgers hybrid pyracantha            | C, F |
|                                                  | Santa Cruz pyracantha                | C, F |
|                                                  | victory pyracantha                   | F    |
| <i>Raphiolepis indica</i>                        | charisma-monruce<br>raphiolepis      | C, F |
|                                                  | enchantress-moness<br>raphiolepis    | F    |
|                                                  | raphiolepis (India hawthorn)         | C, F |
|                                                  | springtime-monme<br>raphiolepis      | F    |
| <i>Raphiolepis ovata</i>                         | roundleaf raphiolepis                | C, F |
| <i>Rhododendron calendulaceum</i>                | cannon's double azalea               | C, F |
|                                                  | flame azalea                         | F    |
|                                                  | golden flare azalea                  | C, F |
|                                                  | klondike azalea                      | C, F |
| <i>Rhododendron campylocarpum</i>                | butterfly rhododendron               | F    |
| <i>Rhododendron carolinianum x daurium</i>       | PJM rhododendron                     | C, F |
| <i>Rhododendron catawbiense</i>                  | catawba album rhododendron           | C, F |
|                                                  | catawba rhododendron                 | C, F |
|                                                  | lord Roberts rhododendron            | C, F |
|                                                  | rocket rhododendron                  | C, F |
| <i>Rhododendron caucasicum x ponticum</i>        | Cunningham white<br>rhododendron     | C, F |
| <i>Rhododendron exbury</i>                       | cannon's double azalea               | C, F |
|                                                  | golden flare azalea                  | C, F |
|                                                  | klondike azalea                      | C, F |
| <i>Rhododendron forrestii repens</i>             | gomer waterer rhododendron           | C, F |
| <i>Rhododendron forrestii x griersonianum</i>    | Elizabeth rhododendron               | C, F |
| <i>Rhododendron griffithianum</i>                | jean marie rhododendron              | C, F |
| <i>Rhododendron hybrid spp.</i>                  | America rhododendron                 | C, F |
|                                                  | English roseum rhododendron          | F    |
|                                                  | nova zembra rhododendron             | C, F |
|                                                  | scintillation rhododendron           | C, F |
| <i>Rhododendron impeditum</i>                    | rhododendron                         | C, F |
| <i>Rhododendron indica</i>                       | formosa azalea                       | C, F |
| <i>Rhododendron indica</i>                       | waucabusa azalea                     | C, F |
| <i>Rhododendron kaempferi</i>                    | blue danube azalea                   | C, F |
| <i>Rhododendron kerume</i>                       | coral bells azalea                   | C, F |
|                                                  | hino crimson azalea                  | C, F |
|                                                  | hino pink azalea                     | C, F |
|                                                  | mildred azalea                       | C, F |
|                                                  | snow azalea                          | C, F |
| <i>Rhododendron maximum</i>                      | rhodie max (rosebay)                 | C, F |
| <i>Rhododendron mucronulatum</i>                 | rhododendron                         | F    |
| <i>Rhododendron obtusum</i>                      | hino-crimson azalea                  | C, F |
| <i>Rhododendron ponticum</i>                     | chionoides rhododendron              | C, F |
| <i>Rhododendron ponticum</i>                     | daphnoides rhododendron              | C, F |
| <i>Rhododendron x 'purple gem'</i>               | purple gem rhododendron              | C, F |
| <i>Rhododendron racemosum</i>                    | dwarf scarlet wonder<br>rhododendron | C, F |
|                                                  | tribly rhododendron                  | C, F |
|                                                  | unique rhododendron                  | C, F |
|                                                  | vulcan rhododendron                  | C, F |
| <i>Rhododendron sassthigiatim x carolinianum</i> | ramapo rhododendron                  | C, F |
| <i>Rhododendron saturski</i>                     | gumpo pink azalea                    | C, F |
|                                                  | higasa azalea                        | F    |
|                                                  | reijn azalea                         | C, F |
| <i>Rhododendron spp. hybrids</i>                 | carror azalea                        | C, F |

## Shrubs (Cont.)

Recommended Treatment Method  
C = Container Grown  
F = Field Grown

| Scientific Name                      | Common Name                            |      |
|--------------------------------------|----------------------------------------|------|
|                                      | fashion azalea                         | C, F |
|                                      | Gerard Christina azalea                | F    |
|                                      | Girard Roberta azalea                  | C, F |
|                                      | golden flare exbury azalea             | F    |
|                                      | helmut vogel azalea                    | F    |
|                                      | hershey red azalea                     | F    |
|                                      | hot shot azalea                        | C, F |
|                                      | hume azalea                            | F    |
|                                      | inga azalea                            | F    |
|                                      | irene koster azalea                    | C, F |
|                                      | president clay azalea                  | C, F |
|                                      | tradition azalea                       | C, F |
|                                      | sumac, African                         | C, F |
| <i>Rhus lancea</i>                   | ramanas rose                           | C, F |
| <i>Rosa rugosa</i>                   | rosemary                               | F    |
| <i>Rosmarinus officinalis</i>        | dusty-miller/silver ragweed            | C, F |
| <i>Senecio cineraria</i>             | Japanese skimmia                       | C, F |
| <i>Skimmia japonica</i>              | reeve's skimmia                        | C, F |
| <i>Skimmia revesiana</i>             | Paraguay nightshade                    | C, F |
| <i>Solanum rantonetii</i>            | Anthony waterer spiraea                | C, F |
| <i>Spiraea bumalda</i>               | first snow spiraea                     |      |
| <i>Spiraea x cinerea 'Grefsheim'</i> | dolchia spiraea                        | C, F |
| <i>Spiraea japonica</i>              | Japanese alpine spiraea                | C, F |
|                                      | shirobana spiraea                      | C, F |
| <i>Spiraea vanhouttei</i>            | bridal wreath                          | C, F |
| <i>Syringa rothomagensis</i>         | Chinese lilac                          | C, F |
| <i>Syringa vulgaris</i>              | lilac, common                          | F    |
| <i>Taxus cuspidata</i>               | yew, Japanese                          | F    |
| <i>Tecomaria capensis</i>            | cape honeysuckle                       | C, F |
| <i>Ternstroemia gymnanthera</i>      | ternstroemia, Japanese                 | C, F |
| <i>Thuja occidentalis</i>            | emerald arborvitae                     | C, F |
|                                      | globosa-globe arborvitae               | C, F |
|                                      | little giant-dwarf arborvitae          | C, F |
|                                      | nigra-dark American arborvitae         | C, F |
|                                      | pyramidalis arborvitae                 | C, F |
|                                      | rheingold arborvitae                   | C, F |
|                                      | techny arborvitae                      | F    |
| <i>Thuja occidentalis</i>            | woodwardii arborvitae                  | C, F |
| <i>Thuja orientalis</i>              | aureus nana-dwarf golden<br>arborvitae | C, F |
|                                      | minima glauca-dwarf<br>arborvitae      | C, F |
| <i>Veitchia merrilli</i>             | Christmas palm                         | F    |
| <i>Viburnum bodnantense</i>          | pink dawn viburnum                     | C, F |
| <i>Viburnum carlesii</i>             | Koreanspice viburnum                   | C, F |
| <i>Viburnum davidii</i>              | David viburnum                         | C, F |
| <i>Viburnum japonicum</i>            | viburnum                               | F    |
| <i>Viburnum judd (v. X juddii)</i>   | viburnum                               | C, F |
| <i>Viburnum lantana</i>              | wayfaring tree                         | F    |
| <i>Viburnum opulus sterile</i>       | common snowball viburnum               | F    |
| <i>Viburnum plicatum tomentosum</i>  | doublefile viburnum                    | C, F |
| <i>Viburnum setigerum</i>            | tea viburnum                           | F    |
| <i>Viburnum tinus compactum</i>      | spring bouquet viburnum                | F    |
| <i>Viburnum trilobum</i>             | cranberry bush                         | C, F |
| <i>Viburnum trilobum compactum</i>   | dwarf cranberry bush                   | C, F |
| <i>Viburnum x pragense</i>           | viburnum                               | C, F |
| <i>Weigela florida</i>               | bristol ruby weigela                   | C, F |
|                                      | java red weigela                       | C, F |
|                                      | minuet weigela                         | C, F |
| <i>Xylosma congestum</i>             | xylosma                                | F    |
| <i>Yucca filamentosa</i>             | yucca                                  | C, F |



## Groundcovers/ Perennials

Recommended Treatment Method:  
C = Container Grown  
F = Field Grown

| Scientific Name                       | Common Name                   |      |
|---------------------------------------|-------------------------------|------|
| <i>Achillea millefolium</i>           | common yarrow                 | C, F |
| <i>Agapanthus africanus</i>           | lily of the Nile              | C, F |
| <i>Agapanthus "Peter Pan"</i>         |                               | C, F |
| <i>Alstroemeria aurea</i>             | Peruvian lily                 | C, F |
| <i>Ammophila breviligulata</i>        | beechgrass                    | C, F |
| <i>Antirrhinum majus</i>              | snapdragon                    | C, F |
| <i>Arctotheca calendula</i>           | cape weed                     | F    |
| <i>Argyranthemum frutescens</i>       | Paris daisy                   | C, F |
| <i>Artemisia schmidtiana</i>          | angels' hair                  | C, F |
| <i>Asparagus retrofractus</i>         | fern                          | C, F |
| <i>Asteriscus maritimus</i>           | gold coin daisy               | C, F |
| <i>Astilbe Deutschland</i>            | Deutschland astilbe           | C, F |
| <i>Asparagus retrofractus</i>         |                               | C, F |
| <i>Asparagus variegata</i>            | tree fern                     | C, F |
| <i>Aster novae-angliae</i>            | New England aster             | C, F |
| <i>Aster novi-belgii</i>              | New York aster                | C, F |
| <i>Begonia cordifolia</i>             | heartleaf begonia             | C, F |
| <i>Begonia semperflorens</i>          | white ambassador begonia      | C, F |
| <i>Bidens ferulifolia</i>             | peter's gold bidens           | C, F |
| <i>Brachycome x 'New amethyst'</i>    | swan river daisy new amethyst | C, F |
| <i>Callistepeus chinensis</i>         | China aster                   | C, F |
| <i>Carex</i> spp.                     | sedge                         | C, F |
| <i>Carpobrotus edulis</i>             | ice plant, largeleaf          | F    |
| <i>Catharanthus roseus</i>            | Madagascar periwinkle         | C, F |
| <i>Cerastium tomentosum</i>           | snow in the summer            | C, F |
| <i>Ceratostigma plumbaginoides</i>    | dwarf plumbago                | C, F |
| <i>Chrysanthemum morifolium</i>       | florist's chrysanthemum       | C, F |
| <i>Chrysanthemum</i> sp.              | chrysanthemum species         | C, F |
| <i>Clematis integrifolia caerulea</i> | blue bell clematis            | C, F |
| <i>Clivia miniata</i>                 | kafir lily                    | C, F |
| <i>Coreopsis verticillata</i>         | coreopsis, threadleaf         | C, F |
| <i>Cortaderia selloana</i>            | pampas grass                  | C, F |
| <i>Cuphea hyssopifolia</i>            | false or Mexican heather      | C, F |
| <i>Cyperus albostratus</i>            | dwarf umbrella grass          | C, F |
| <i>Dahlia x 'Royal dahlia pink'</i>   | dwarf dahlia wendy pink       | C, F |
| <i>Delosperma alba</i>                | white iceplant                | F    |
| <i>Descampsia caespitosa</i>          | descampsia                    | C, F |
| <i>Dianthus gratianopolitanus</i>     | crimson treasure cheddar pink | C, F |
| <i>Dietes vegeta</i>                  | fortnight lily                | C, F |
| <i>Drosantherum floribundum</i>       | trailing rosea iceplant       | F    |
| <i>Drosantherum hispidum</i>          | iceplant                      | C, F |
| <i>Ensete ventricosum</i>             | red abyssinian banana         | C, F |
| <i>Equisetum scirpoides</i>           | dwarf horsetail               | C, F |
| <i>Erianthus ravennae</i>             | hardy pampasgrass             | C, F |
| <i>Erysimum "Bowles mauve"</i>        | wallflower                    | C, F |
| <i>Euryops pectinatus</i>             | dwarf euryops                 | C, F |
| <i>Eustoma grandiflorum</i>           | pink lisianthus               | C, F |
| <i>Festuca ovina glauca</i>           | blue fescue                   | C, F |
| <i>Fuchsia x 'Santa Claus'</i>        | santa claus fuchsia           | C, F |
| <i>Gaillardia aristata</i>            | blanket flower                | C, F |
| <i>Gaillardia grandiflora</i>         | goblin blanket flower         | C, F |
| <i>Gaura lindheimeri</i>              | gaura                         | C, F |
| <i>Gazania rigens leucolaena</i>      | gazania, trailing             | C, F |
| <i>Gazania</i> spp.                   | gazania                       | C, F |
| <i>Geranium incanum</i>               | cranesbill                    | C, F |
| <i>Geranium subcaulescens</i>         | blackeyed magenta cranesbill  | C, F |
| <i>Hakonechloa macroaureola</i>       | golden hakonechloa            | C, F |
| <i>Hedera canariensis</i>             | ivy, Algerian                 | F    |
| <i>Hedera helix</i>                   | ivy, English                  | C, F |
| <i>Helichrysum petiolatum</i>         | white licorice plant          | C, F |
| <i>Hemerocallis</i> spp.              | daylily                       | C, F |
| <i>Hesperaloe parviflora</i>          | red yucca                     | C, F |
| <i>Heuchera americana</i>             | palace purple                 | C, F |
| <i>Heuchera micrantha</i>             | coral bells                   | C, F |

## Groundcovers/ Perennials (Cont.)

Recommended Treatment Method:  
C = Container Grown  
F = Field Grown

| Scientific Name                      | Common Name                  |      |
|--------------------------------------|------------------------------|------|
| <i>Hippeastrum hybrid</i>            | amaryllis                    | C, F |
| <i>Hosta 'Francee'</i>               | francee plantain lily        | C, F |
| <i>Hosta lancifolia</i>              | albo-marginata hosta         | C, F |
| <i>Hosta 'Patriot'</i>               | patriot plantain lily        | C, F |
| <i>Hymenoxys acaulis</i>             | angelita daisy               | C, F |
| <i>Hypericum</i> spp.                | St. Johnswort                | C, F |
| <i>Impatiens wallerana</i>           | busy lizzie                  | C, F |
| <i>Iris pumila</i>                   | yellow dwarf bearded iris    | C, F |
| <i>Iris siberica</i>                 | blue siberian iris           | C, F |
| <i>Jasminum nitidum</i>              | angelwing jasmine            | C, F |
| <i>Lampranthus spectabilis</i>       | trailing iceplant            | F    |
| <i>Leptospermum scoparium</i>        | broom teatree/manuka         | C, F |
| <i>Liatris spicata</i>               | gay feather                  | C, F |
| <i>Limonium perezii</i>              | statice                      | C, F |
| <i>Liriope gigantea</i>              | white lily turf              | C, F |
| <i>Liriope muscari</i>               | lilac beauty lily turf       | C, F |
|                                      | majestic lily turf           | C, F |
|                                      | Monroe white lily turf       | C, F |
|                                      | silvery sunproof lily turf   | C, F |
|                                      | variegated liriope lily turf | C, F |
|                                      | big blue lily turf           | C, F |
|                                      | green/creeping lily turf     | C, F |
| <i>Liriope spicata</i>               | lobelia                      | C, F |
| <i>Lobelia erinus</i>                |                              | C, F |
| <i>Lobularia maritima</i>            | sweet alyssum                | C, F |
| <i>Lonicera japonica</i>             | honeysuckle, Japanese        | F    |
| <i>Lysimachia punctata</i>           | dotted loosestrife           | C, F |
| <i>Mathiola incana</i>               | stock                        | C, F |
| <i>Miscanthus sinensis</i>           | eulalia grass                | C, F |
| <i>Monarda didyma</i>                | bee balm                     | C, F |
| <i>Moraea iridiodes</i>              | African iris                 | C, F |
| <i>Oenothera speciosa</i>            | siskiyou evening primrose    | C, F |
| <i>Ophiopogon japonicus</i>          | dwarf mondo grass            | C, F |
|                                      | mondo grass                  | C, F |
|                                      | freeway daisy                | C, F |
| <i>Osteospermum fruticosum</i>       | Japanese spurge              | C, F |
| <i>Pachysandra terminalis</i>        | Virginia creeper             | C, F |
| <i>Parthenocissus quinquefolia</i>   | zonal geranium               | C, F |
| <i>Pelargonium x hortorum</i>        | ivy geranium                 | C, F |
| <i>Pelargonium peltatum</i>          | fountain grass               | C, F |
| <i>Pennisetum alopecuroides</i>      | chrismson fountaingrass      | C, F |
| <i>Pennisetum setaceum</i>           | star cluster                 | C, F |
| <i>Pentas lanceolata</i>             | apple blossom penstemon      | C, F |
| <i>Penstemon x 'Apple blossom'</i>   | hartwig penstemon            | C, F |
| <i>Penstemon gentianoides</i>        | Russian sage                 | C, F |
| <i>Perovskia atriplicifolia</i>      | garden petunias              | C, F |
| <i>Petunia-hybrids</i>               | ribbon grass                 | C, F |
| <i>Phalaris arundinacea picta</i>    | Mexican hat                  | C, F |
| <i>Ratibida columnifera</i>          | blackeyed susan              | C, F |
| <i>Rudbeckia fulgida</i>             | blackeyed susan              | C, F |
| <i>Rudbeckia hirta</i>               | dwarf katie ruellia          | C, F |
| <i>Ruellia brittoniana</i>           | Graham's sage                | C, F |
| <i>Salvia grahamii</i>               | Mexican bush sage            | C, F |
| <i>Salvia leucantha</i>              | autumn joy stonecrop         | C, F |
| <i>Sedum x 'Autumn joy'</i>          | Vera Jameson stonecrop       | C, F |
| <i>Sedum x 'Vera jameson'</i>        |                              | C, F |
| <i>Targetes patula 'Little hero'</i> | little hero marigold         | C, F |
| <i>Trachelospermum asiaticum</i>     | asian jasmine                | C, F |
| <i>Tulbaghia violacea</i>            | society garlic               | C, F |
| <i>Verbena peruviana</i>             | St. Paul verbena             | C, F |
| <i>Vinca major</i>                   | periwinkle, bigleaf          | C, F |
| <i>Vinca minor</i>                   | periwinkle, dwarf            | F    |
| <i>Vinca</i> spp.                    | periwinkle                   | F    |
| <i>Zinnia elegans</i>                | dwarf zinnia                 | C, F |



4. Added to Resistant management section, "...avoid moving plant material between sites."
5. Updated the Warranty language to match Corteva standards.
6. Added under Directions for Use: "This product must be soil-incorporated within 24 hours of application either by mechanical incorporation or at least 0.5 acre inch of water (rainfall, irrigation). If a second incorporation is needed it should be delayed 3 to 5 days after the first incorporation and be completed prior to planting."
7. Updated the Mode of Action from 21 to 29 throughout the label.

Following are changes by amendment per Trifluralin Interim Decision November 2019 Case Number 0179 and Related to change of company name, address, and contact information for company 62719 accepted by EPA January 5, 2021, and Non-notification dated October 5, 2023: the following additional changes have been made:

1. Added Non-Target Organism Advisory Statement.
2. Added "First Aid" to the items found inside the booklet on the booklet cover.
3. Language updated regarding the company name change include:
  - Trademark statement: Updated to "™®Trademarks of Corteva Agriscience and its affiliated companies.
  - Produced For: Updated company name to "Corteva Agriscience LLC
  - Terms and Conditions for Use: Updated
  - Warranty Disclaimer: Updated
  - Inherent Risks of Use: Updated
  - Limitation of Remedies: Updated
4. Throughout label: Updated references to "Dow AgroSciences" to either "company" or "Corteva Agriscience"
5. Removal of the reference to the dowagro.com website.