62719-175

3-20-2002



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, D.C. 20460

MAR 2 0 2002

OFFICE OF PREVENTION, PESTICIDES AND TOXIC SUBSTANCES

Steve A. McMaster Dow AgroSciences 9330 Zionsville Road Indianapolis, IN 46268-1054

Dear Mr. McMaster:

Subject: Revised Label Snapshot 2.5 TG EPA Registration No. 62719-175 Your Submission Dated February 27, 2002

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records. If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,

for Joanne I. Miller Product Manager (23) Herbicide Branch Registration Division (7505C)

Enclosure

(Base label):

(logo) Dow AgroSciences

# Snapshot\* 2.5 TG

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

Active Ingredients:	
trifluralin: $\alpha, \alpha, \alpha$ -trifluoro-2,6-dinitro-N,	
N-dipropyl-p-toluidine	2.0%
isoxaben: N-[3-(1-ethyl-1-methylpropyl)-5-	
isoxazolyl]-2,6-dimethoxybenzamide	
and isomers	0.5%
Inert Ingredients	97.5%
Total	100.0%

Contains 1.25 pounds active ingredient per 50 pound bag.

U.S. Patents 4,636,243 and 5,086,184.

# Keep Out of Reach of Children CAUTION PRECAUCION

Ground Covers / Perennials

- Non-bearing Fruit and Nut Trees
- Non-bearing Vineyards
- Non-cropland

## ACCEPTED with COMMENTS In EPA Letter Dated: MAR 2 0 2002

Under the Federal Insecticide, Fungicide, and Redenticide Act, as amonded, for the pesticide registered under EPA Reg. No.

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

#### Precautionary Statements

#### Hazards to Humans and Domestic Animals

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.

**Note:** 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.

#### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

#### Refer to label booklet Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies inside at end of label booklet. If terms are unacceptable, return at once unopened.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994. If you wish to obtain additional product information, visit our web site at www.dowagro.com.

Agricultural Chemical: Do not ship or store with food, feeds, drugs or clothing.

EPA Reg. No. 62719-175

EPA Est. 00000-XX-00

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\*Trademark of Dow AgroSciences LLC Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.

# **Specialty Herbicide**

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Net Weight \_\_ Ib

(Datapack cover):

(logo) Dow AgroSciences

# Snapshot\* 2.5 TG

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

- Landscape Ornamentals
- Ground Covers / Perennials

Non-bearing Vineyards

- Non-bearing Fruit and Nut Trees
- Container Grown Ornamentals
- Field Grown Ornamentals

Christmas Tree Plantations

• Non-cropland

#### Active Ingredients:

trifluralin: $\alpha, \alpha, \alpha$ -trifluoro-2,6-dinitro-N,	
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Total	100.0%

Contains 1.25 pounds active ingredient per 50 pound bag.

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#### **Agricultural Use Requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to label booklet under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

Refer to inside of label booklet for additional precautionary information including Personal Protective Equipment (PPE), User Safety Recommendations and Directions for Use including Storage and Disposal.

Notice: Read the entire label. Use only according to label directions. Before buying or using this product, read Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies inside at end of label booklet. If terms are unacceptable, return at once unopened.

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EPA Est. 00000-XX-00



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# **Specialty Herbicide**

Net Weight \_\_ Ib

(Page 1 through end):

#### **Precautionary Statements**

# Hazards to Humans and Domestic Animals 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.

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Users should:

- · Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
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#### **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.

#### **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.

#### **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.

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.

**Container Disposal:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, in accordance with applicable regulations, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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## **General Instructions and Information**

Snapshot\* 2.5 TG herbicide is a preemergence product for control of certain broadleaf weeds and annual grasses in container and landscape ornamentals, nursery stock, Christmas trees, ground covers/perennials, non-bearing fruit and nut trees, non-bearing vineyards and non-cropland areas. Apply Snapshot 2.5 TG anytime 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.

## **General Use Precautions and Restrictions**

**In Arizona:** The state of Arizona has not approved Snapshot\* 2.5 TG specialty herbicide 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.

Snapshot 2.5 TG controls weeds growing from seed. Snapshot 2.5 TG does not control established weeds, weeds growing from stolens, 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 1-2 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 pounds 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.

Do not aerially apply Snapshot 2.5TG.

#### 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 aranule 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.

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

#### Snapshot 2.5 TG Broadcast Rates

One pound of Snapshot 2.5 TG = 0.75 guart = 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 Dow AgroSciences or the spreader manufacturer.

	Settin	gs for Warren T-7 II Sp	reader		
	Target Rate Of Snapshot 2.5 TG			Target Rate Of Snapshot	5 TG
Speed (mph)	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 guarter settings can be accomplished by placing the calibration arm between the half number marks on the spreader.

# Weeds Controlled or Suppressed by Snapshot 2.5 TG

Weeds Controlled When Applied at 100 lb/acre (2.3 lb/1000 sq ft)

Common Name aster, slender barnyardgrass bluegrass, annual

Scientific Name Aster exilis Echinochloa crus-galli Poa annua

bursage, annual celery, wild chickweed, common clover white crabgrass cudweed, purple cupgrass, southwestern fiddleneck, coast filaree, redstem fleabane, blackleaved fleabane, dwarf foxtail, yellow groundcherry, lanceleaf henbit horseweed junglerice knotweed, prostrate lambsquarters, common mallow, little mustard, Indian mustard, wild nightshade, black oat, wild panicum, fall pepperweed, Virginia pigweed pineappleweed

plantain, slender purslane, common radish, wild ragweed, common rocket, London rockpurslane, desert shepherdspurse sibara smartweed, Pennsylvania

sowthistle, annual speedwell, purslane sprangletop, Mexican telegraphplant thistle, Russian witchgrass

Ambrosia acanthicarpa Apium leptophyllum Stellaria media Trifolium repens Digitaria spp. Gnaphalium purpureum Eriochloa gracilis Amsinckia intermedia Erodium cicutarium Conyza bonariensis Conyza ramosissima Setaria glauca Physalis lanceifolia Lamium amplexicaule Convza canadensis Echinochloa colonum Polygonum aviculare Chenopodium album Malva parviflora Brassica juncea Sinapis arvensis Solanum nigrum Avena fatua Panicum dichotomiflorum Lepidium virginicum Amaranthus spp. Matricaria matricarioides Plantago elongata Portulaca oleracea Raphanus raphanistrum Ambrosia artemisiifolia Sisymbrium irio Calandrinia ciliata Capsella bursa-pastoris Sibara virginica Polygonum pensylvanicum Sonchus oleraceus Veronica peregrina Leptochloa univervia Heterotheca grandiflora Salsola iberica Panicum capillare

# In Addition to the Weeds Listed at the 100 lb/acre Rate, the Following Weeds Will Be Controlled at 150 lb/acre (3.5 lb/1000 sq ft)

Common Name aster, heath bittercress bittercress, hairy brassbuttons, southern Scientific Name Aster ericoides Cardamine oligosperma Cardamine hirsuta Cotula australis

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carrot, wild	Daucus carota
chamberbitter	Phyllanthus urinaria
chickweed, mouseear	Cerastium vulgatum
dandelion	Taraxacum officinale
eclipta	Eclipta prostrata
fireweed	Erechtites hieracifolia
foxtail, giant	Setaria faberi
galinsoga, hairy	Galinsoga ciliata
geranium, Carolina	Geranium carolinianum
groundsel, common	Senecio vulgaris
ladysthumb	Polygonum persicaria
lettuce, prickly	Lactuca serriola
lovegrass	Eragrostis spp.
mallow, dwarf	Malva rotundifolia
marestail	Hippuris vulgaris
mayweed	Anthemis cotula
morningglory, ivyleaf	Ipomoea hederacea
mustard, black	Brassica nigra
pennywort	Hydrocotyle spp.
phyllanthus, long-stalk	Phyllanthus tenellus
plantain, bracted	Plantago aristata
plantain, broadleaf	Plantago major
plantain, buckhorn	Plantago lanceolata
pokeweed, common	Phytolacca americana
rockpurslane, redmaids	Calandrinia ciliata var.
	menziesii
ryegrass, annual	Lolium multiflorum
sida, prickly	Sida spinosa
sorrell, red	Rumex acetosella
speedwell, thymeleaf	Veronica serpyllifolia
spurge, hyssop	Euphorbia hyssopifolia
spurge, spotted	Euphorbia maculata
sweetclover, yellow	Melilotus officinalis
tansymustard, green	Descurainia pinnata
velvetleaf	Abutilon theophrasti
woodsorrel, yellow	Oxalis stricta

In Addition to the Weeds Listed at the 100 lb/acre and 150 lb/acre Rates, the Following Weeds Will Be Controlled at 200 lb/acre (4.6 lb/1000 sq ft)

Common Name
barley, hare
bromegrass
burclover, California
cheat
datura
dogfennel
eveningprimrose
fescue, rattail
filaree, whitestem
goosefoot, nettleleaf
goosegrass
jimsonweed
knotweed, silversheath

#### Scientific Name

Hordeum leporinum Bromus spp. Medicago polymorpha Bromus secalinus Datura spp. Eupatorium capillifolium Oenothera spp. Vulpia myuros Erodium moschatum Chenopodium murale Eleusine indica Datura stramonium Polygonum - •

kochia medic, black mullein, turkey nettle, burning nettle, stinging oxtongue, bristly pimpernel, scarlet sandbur, field signalgrass sowthistle, spiny spurge, petty spurge, prostrate stinkgrass sunflower swinecress thistle, musk willoweed, panicle woodsorrel, creeping

argyrocoleon Kochia scoparia Medicago lupulina Eremocarpus setigerus Urtica urens Urtica dioica Picris echioides Anagallis arvensis Cenchrus incertus Brachiaria spp. Sonchus asper Euphorbia peplus Euphorbia humistrata Eragrostis cilianensis Helianthus spp. Coronopus didymus Carduus nutans Epilobium paniculatum Oxalis corniculata

# In Addition to the Weeds Controlled, the Following Weeds Will Be Partially Controlled or Suppressed at 200 lb/acre (4.6 lb/1000 sq ft)

Common Name bindweed, field carpetweed dock, curly johnsongrass (seedling) mallow, Venice milkweed, honeyvine morningglory, tall panicum, Texas pusley, Florida shattercane

#### Scientific Name

Convolvulus arvensis Mollugo verticillata Rumex crispus Sorghum halepense Hibiscus trionum Ampelamus albidus Ipomoea purpurea Panicum texanum Richardia scabra Sorghum bicolor

#### **Labeled 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 anytime 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.

#### **Special Use Precautions**

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.

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- pots less than four inches wide.
- bedding plants or areas where bedding plants will be planted or transplanted within one year following application.
- ground covers until they are established and well rooted.

Do not apply Snapshot 2.5 TG to newly transplanted ornamentals, nursery stock, Christmas trees, ground covers, 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 pounds 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.

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.

Acanthus mollis (oak leaf acanthus) Ajuga spp. (bugle) Arenaria montana (mountain sandwort) Brassica spp. (mustard) Dicentra luxuriant (luxuriant bleeding heart) Digitalis purpurea (foxglove) Echinacea purpurea (purple coneflower) Euonymus alatus 'compacta' (dwarf burning bush) Euphorbia spp. (spurge) Geranium cinereum 'Ballerina' (ballerina cranesbill) Gypsophila paniculata (white festival baby's breath) Hydrangea spp. (hydrangea) Iberis spp. (candytuft) Juniperus horizontalis 'Prince of Wales' (Prince of Wales juniper) Melaleuca guinguenervia (cajeput tree) Phlox paniculata (summer phlox) Pulmonaria longifolia (Bertram Anderson lingwort) Rhododendron carolinianum (Carolina rhododendron) Rhododendron catawbiense 'Roseum elegans' (Roseum elegans rhododendron) Sedum spp. (stonecrop) Vinca minor 'Atropurpurea' (wine periwinkle) Yucca recurvifolia (green yucca)

# Snapshot 2.5 TG May Be used On the Following Established Plant Species

(Note: Limitations on recommended treatment methods)

Trees	Recomme	Recommended Treatment Method: C = Container Grown F = Field Grown	
Scientific Name	Common Name		
Abies balsamea Abies concolor Abutilon bubridum	Fir, balsam Fir, white	C, F F	
Abutilon hybridum	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
Acer gimmala	Flame maple	F
Acer rubrum	Red maple	F
	Red sunset maple	F
Acer saccharinum	Silver maple	C, F
Alsophila australis	Australian tree fern	C, F
Areacastrum romanzoffianum	Queen palm	C, F
Betula nigra	Birch, river	C, F
Betula papyrifera	Paper birch	F
Brachychiton populneus	Bottle tree	C, F
Bucida buceras	Black olive	F
Ceratonia siliqua	Carob	F
Cercis canadensis	Redbud	C, F
Chamaecyparis obtusa	Filicoides-fernspray cypress	F
Chamaecyparis obtusa	Gracilis-slender Hinoki cypress	F
Chamaecyparis pisifera	Sawara-false cypress	F
	Squarrosa-moss cypress	F
Chamaedorea cataractarum	Cat Palm	F
	Palm	C, F
Chamaedorea costaricana	Paim	C, F
Chamaedorea elegans	Parlor paim	C, F
Cornus florida	Cloud nine dogwood	C, F
Comus nonad	Dogwood, flowering	C, F
Crataegus viridis	Green hawthorn	F
Cryptomeria japonica	Cryptomeria, Japanese	, C, F
Cupaniopsis anacardioides	Carrot wood	F,
<u>Cupressocyparis x 'Emerald_Isle'</u>	Emerald island leyland cypress	, <u>C, F</u>
Cupressus arizonica	Arizona cypress	<u>Q. 1</u>
Cupressus glabra	Arizona cypress	F
Cupressus giabra Cupressus sempervirens	Italian cypress	, C, F
Dicksonia antarctica	Tasmanian tree fern	C, F
Elaeagnus angustifolia	Russian olive	C, F
<u>Elaegnus x 'Gilt edge'</u>	Gilt edge strawberry	<u>C, F</u>
Eucalyptus camaldulensis	Red gum eucalyptus	F
Eucalyptus cinerea	Eucalyptus, mealy	F
	Silver dollar eucalyptus	F
Eucalyptus microtheca	Coolibah tree	C, F
Eucalyptus sideroxylon	Eucalyptus, red ironbark	F
Ficus benjamina	Ficus	C, F
- · · · ·	Mini ficus	C, F
Fraxinus udhei	Shamel ash	C, F
Ginkgo biloba	Ginkgo (Maidenhair tree)	F
Gleditsia triacanthos	Honey locust	F
	Shademaster honey locust	F
Heteromeles arbutiflora	Toyon	F
Illicium floridanum	Florida anise-tree	C, F
Juniperus virginiana	Redcedar, Eastern	C, F
Liquidambar styraciflua	Sweetgum, American	F
Magnolia grandiflora	Magnolia, Southern	C, F
Morus alba	White mulberry	F



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Musa aluminata	Banana	C, F
Oxydendrum arboreum	Sourwood	C, F
Picea abies	Pendula-weeping Norway spruce	C, F
	Repens-spreading Norway spruce	C, F
	Spruce, Norway	C, F
Picea glauca	Conica-dwarf Alberta spruce	C, F
Picea glauca conica	Dwarf Alberta spruce	F
Picea pungens	Dwarf globe blue spruce	C, F
	Giauca-Colorado blue spruce	C, F
	Hoopsii-Hoop's blue spruce	C, F
	Koster-Koster blue spruce	F
Pinus aristata	Bristlecone pine	F
Pinus canariensis	Canary Island pine	F
Pinus contorta	Shore pine, beach pine	F
Pinus eldarica	Eldarica pine	C, F
Pinus leucodermis	Bosnian pine	C, F
Pinus mugo	Pumilio-shrubby swiss mountain pine	C, F
Pinus nigra	Austrian black pine	C, F
Pinus radiata	Monterey pine	F
Pinus strobus	Eastern white pine	C, F
Pinus strobus	white pine	C, F C, F
Pinus sylvestris	Columnar Scotch pine Scotch pine	C, F C, F
Pinus thunbergiana	Japanese black pine	C, F
Platanus occidentalis	American sycamore	F
Platanus racemosa	Califorina sycamore	F
Podocarpus spp.	Podocarpus	F
Populus deltoides	Cottonwood	F
Prosopis chilensis	Chilean mesquite	C, F
Prunus yedoensis	Yoshino flowering cherry	F
Quercus ilicifolia	Bear oak	F
Quercus palustris	Pin oak	F
Quercus phellos	Willow oak	C, F
Quercus rubra	Red oak	C, F
Quercus virginiana	Live oak	C, F
Salix babylonica	Babylon weeping willow	F
	Corkscrew willow	F
Sequoiadendron giganteum	Giant sequoia	F
Swietenia mahogani	Mahogany Mallow tak	F F
Tabebuia caraiba Tauga canadanaia	Yellow tab Eastern hemlock	F C, F
Tsuga canadensis Ulmus parvifolia	Chinese elm	E, F
Washingtonia robusta	Mexican fan palm	F
Washingtonia Tobusta		•
Shrubs	Recommended Treat	
		ainer Grown Field Grown
Scientific Name	Common Name	Field Grown
Abelia grandiflora	Edward Goucher abelia	C, F
	Glossy abelia	C, F
Acacia abyssinica	Abyssinica acacia	C, F
Acacia redolens	Acacia, prostrate	C, F

Acacia stenophylla	Shoestring acacia	C, F
Acalypha wilkesiana	Copper leaf	C, F
Acer ginnala	Amur maple	C, F
Acer palmatum	Coral bark Japanese maple	C, F
	Dwarf Japanese maple	C, F
<u>Agapanthus africanus</u>	Queen Anne Lily of the Nile	<u>C. F</u>
Agave americana	Century plant	F
Anisodontea hypomandarum	Cape mallow	C, F
Aptenia cordifolia	Red apple aptenia	<u>C, F</u>
<u>Ardisia japonica</u>	Chirimen marlberry	<u>C, F</u>
Astible arendsii	false spiraea	C, F
Astilbe chinensis	Astilbe/false spirea	C, F
Athyrium nipponimcum	Japanese painted fern	C, F
Baccharis pilularis	coyotebush	F
Berberis gladwynensii	William Penn barberry	C, F
Berberis mentorensis	Mentor barberry	C, F
Berberis thunbergii	Aurea-golden Japanese barberry	F
	Crimson pygmy barberry	C, F
	Rose glow barberry	C, F
	Atropurea-redleaf Japanese barberry	F
	Cherry bomb barberry	<u>C, F</u>
<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
<u>Buxus x 'Green velvet'</u>	Green velvet boxwood	<u>C, F</u>
Buxus microphylla japonica	Boxwood, Japanese	C, F
Buxus microphylla Koreana	Korean boxwood	F
Buxus sempervirens	Boxwood, common	C, F
Callistemon citrinus	Bottlebrush, lemon	F
Callistemon viminalis	Weeping bottlebrush	C, F
Calluna vulgaris	spring torch scotch heather	C, F
Camellia japonica	Camellia	C, F
Caryopteris x clandonen	Dark knight bluebeard	<u>C, F</u>
Cassia artemisioides	Cassia, feathery	C, F
Ceanothus spp.	Wild lilac	F
Cephalotaxus drupacae	Plum yew	C, F
Cerastium tomentosum	Snow-in-summer	C, F
Chamaecyparis obtusa	Kosteri cypress	C, F
	Nana-dwarf Hinoki cypress	C, F
	Torulosa cypress	C, F
Chamaecyparis pisifera	baileyi-dogwood	F
	Flaviramea-dogwood	F
	Squarrosa Minima cypress	C, F
Chamaecyparis pisifera spp.	Filifera-thread cypress	C, F
Chrysalidocarpus lutescens	Areca palm	F
Clethra alnifolia	Summersweet	<b>C</b> , F
Cleyera japonica	Cleyera, Japanese	C, F
Coleonema pulchrum	Pink breath of heaven	C, F
Convolvius cneorum	Bush morning glory	<u>C, F</u>
Cornus alba	Sibirica-Siberian dogwood	C, F
Cornus stolonifera	Baileyi-red-osier dogwood	F
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	Flaviramea-yellowtwig dogwood	F
Cotinus coggygria	Royal purple smoke tree	Ċ, F
Cotinus dammeri	Coral beauty smoke tree	C, F
	Eichholz smoke tree	C, F
Cotoneaster adpressus	Praecox-early cotoneaster	C, F
Cotoneaster apiculatus	Cotoneaster, cranberry	C, F
Cotoneaster congestus	Cotoneaster, Pyrenees	C, F
Cotoneaster dammeri	Cotoneaster, bearberry	C, F
Cotoneaster himalayan	Himalayan cotoneaster	C, F
Cotoneaster horizontalis	Cotoneaster, rock	C, F
Cotoneaster opiculata	Cotoneaster	C, F
Cycas revoluta	Sago palm	C, F
Cytisus praecox	Hollandia-warminster broom	C, F
Cytisus scoparius	Lena-Scotch broom	C, F
Cytisus spp.	Holandia-Scotch broom	5, i F
Daphne odora	Fragrant daphne	, C, F
Deutzia crenata	Nakiana-dwarf deutzia	C, F
Deutzia gracilis	Slender gracilis	C, F
Dodonea viscosa	Hopseed bush	F
Elaeagnus pungens	Fruitland silver berry	C, F
Erica cinerea	Purple bell heather	C, F
Erica vagans	Cornish heather	C, F
Erica vagans Erica x darleyensa	Mediterranean pink heather	C, F
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Eugenia myrtifolia	Dwarf brush cherry	<u>C, F</u>
Euonymus x 'Aureo variegatus'	Gold spot euonymus	<u>C, F</u>
Euonymus x 'Chollipo"	Chollipo eunoymus	<u>C, F</u> C, F
Euonymus fortunei	Canadale gold euonymus	С, ғ F
	Emerald'n gold euonymus	г С, F
	Sunspot euonymus	C, F F
Euonymus japonica	Silver king euonymus	F C, F
Euonymuo kiotoohovioo	Variegated evergreen euonymus	C, F C, F
Euonymus kiatschovica	Spreading euonymus	C, F
Euonymus vegetus	Bigleaf wintercreeper	
<u>Euryops pectinatus</u>	Dwarf euryops	<u>C, F</u>
Fatshedera japonica		<u>C, F</u> C, F
Fatsia japonica	Japanese aralia	
<u>Felicia ameloides</u>	Blue marguerite	<u>C, F</u>
Forsythia intermedia	Forsythia, border	C, F
Forsythia x 'Spring glory'	Spring glory forsythia	<u>C, F</u>
Gardenia jasminoides	August beauty gardenia	C, F
	Gardenia	C, F
Onulthania aballan	Radican gardenia	C, F
Gaultheria shallon	Salal/lemon leaf	C, F
Gelsemium sempervirens	Carolina jessamine	C, F
Genista pilosa	Woadwaxen	C, F
Hibiscus rosa-sinensis	Ross Estey-hibiscus	C, F
Hibiscus syriacus	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	
llex aquifolium	Balkans holly	F
	Gold coast holly	F

llex aquipernyi	San Jose holly	C, F
llex attenuata	Savannah holly	C, F
llex cornuta	Burford holly	C, F
	dwarf Burford holly	C, F
	needle point holly	C, F
llex crenata	Compacta-dwarf Japanese holly	C, F
llex crenata	Convexa holly	C, F
	Dwarf Chinese holly	C, F
	Green luster holly	C, F
	Helleri-Heller's Japanese holly	C, F
	Hetzii's Japanese holly	C, F
	Stokesii Japanese holly	0, 1 C, F
llow globro	• •	
llex glabra	compacta-compact inkberry holly	C, F
	Nordica-inkberry holly	C, F
llex meserveae	Blue boy holly	C, F
	Blue girl holly	C, F
	China boy holly	
	China girl holly	
	Ebony magic holly	F
llex vomitoria	Nana-dwarf yaupon holly	C, F
	Pendula-weeping yaupon holly	C, F
	yaupon holly	C, F
Illicium annisatum	Mystery gardenia	C, F
Itea ilicifolia	Henry Garnet holly leaf sweetspire	C, F
Ixora collinea	Ixora	C, F
Juniperus chinensis	hollywood juniper	C, F
	Media-old gold juniper	C, F
	pfitzer juniper	C, F
	Pfitzerana glauca-blue juniper	C, F
	Pfitzerana-pfitzer juniper	C, F
	Sea green juniper	С, . F
	Torulosa-hollywood juniper	C, F
Juniperus conferta	Emerald sea shore juniper	C, F
vaniperas comenta	Shore juniper	0, F
luninorus borizontolia	Andorra juniper	C, F
Juniperus horizontalis	Bar Harbor juniper	C, F
	<u>Blue chip juniper</u>	<u>C, F</u>
	Blue rug juniper	C, F
	Creeping juniper	C, F
	Dwarf Andorra juniper	C, F
	Huntington blue juniper	C, F
	Plumosa-Andorra juniper	C, F
	Wiltonii-blue carpet juniper	C, F
Juniperus procumbens	Nana-dwarf Japaneses garden juniper	C, F
Juniperus prostrata	Prostrata juniper	C, F
Juniperus sabina	Broadmoor juniper	C, F
	Foemina-Hicks juniper	C, F
	Savin juniper	C, F
	Tamariscifolia-Tam juniper	C, F
Juniperus scopulorum	Emerald green juniper	F
Juniperus squamata	Blue juniper	C, F
	Blue star juniper	C, F
	Parsonii juniper	C, F
Kalmia latifolia	Laurel, mountain	C, F

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Lagerstroemia indica	Crape myrtle	C, F
Lantana spp.	Lantana	C, F
Lavandula angustifolia	English lavander	C, F
Lavandula latifolia	English spike lavander	C, F
Lavandula officianalis	English lavander -	<u>C, F</u>
Leptospermum scoparium	New Zealand tea tree	<u>C, F</u>
Leucothoe axillaris	Leucothoe, coast	C, F
Leucothoe fontanesiana	Leucothoe, drooping	C, F
Ligustrum japonicum	Privet, Japanese	C, F
	wax ligustrum	C, F
	yellow tip ligustrum	C, F
Ligustrum lucidum	Privet, glossy	C, F
Ligustrum ovalifolium	California privet	F,
Ligustrum texanum	Howardi privet	C, F
Ligastrum textumin	wax leaf privet	0, F
Ligustrum vicaryi	Privet, golden	F
Eigustium vicaryi	Vicary golden privet	F
Ligustrum vulgare		, C, F
Livistona chinensis	Lodense privet	5, I F
	Chinese fountain palm	Г С, F
Lonicera fragrantissima	Winter honeysuckle	•
Lonicera periclymenum	Flowering woodbine	C, F
1	Serotina woodbine	C, F
Lonicera sempervirens	Trumpet honeysuckle	C, F
Loropetalum chinense	(No common name) Fringe flower	C, F
<u>Mahonia aquifolium compacta</u>	Dwarf Oregon grape	<u>C, F</u>
Mahonia bealei	Leather leaf mahonia	C, F
Mahonia repens	Creeping mahonia	C, F
Myrica cerifera	Wax myrtle	C, F
Nandina domestica	Compacta-dwarf heavenly bamboo	C, F
	Harbour dwarf-heavenly bamboo	C, F
	Heavenly bamboo (Nandina)	C, F
	Nana compacta-heavenly bamboo	C, F
	Nana purpurea-heavenly bamboo	C, F
	Woods dwarf-heavenly bamboo	C, F
Nerium oleander	Hardy red oleander	C, F
	Oleander	C, F
	Ruby lace oleander	C, F
Osmanthus fortunei	Fortunes osmanthus	C, F
Pachysandra terminalis	Japanese spurge	C, F
Phoenix roeloelenii	Pigmy date palm	C, F
Photinia fraseri	Fraser's photinia	C, F
Pieris japonica	Lily-of-the-valley	C, F
	Mountain fire lily-of-the-valley	C, F
	Snowdrift lily-of-the-valley	C, F
	Temple bells lily-of-the-valley	C, F
	Valley rose lily-of-the-valley	C, F
	Valley valentine lily-of-the-valley	C, F
Pieris japonica x forestii	Forest flame lily-of-the-valley	C, F
Pinus mugo	Mugo-mugho pine	C, F
Pittosporum tobira	Green pittosporum	C, F
•	Wheeler's dwarf pittosporum	C, F
Plumbago ariculata	Blue cape plumbago	F
Plumbago capensis	Plumbago	C, F
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Podocarpus macrophyllus	Yewpine	C, F
Polygala dalmaisiana	Sweet pea shrub	C, F
Polystichum polyblepharum	Tassel fern	<u>C, F</u> C, F
Potentilla fragiformis	Cinquefoil	F
Potentilla fruticosa	Cinquefoil	C, F
	Gold drop pontentilla	F
	Goldfinger potentilla	C, F
	Red ace potentilla	C, F
	Sunset potentilla	C, F
	Tangerine potentilla	C, F
Potentilla verna	Spring cinquefoil	C, F
Prunus gladulosa	Dwarf pink flowering almond	C, F
Pyracantha fortuneana	Lolendei Monrovia pyracantha	C, F
r yrdodnind fortanodna	Monon pyracantha	6, . F
	Red elf hybrid pyrcantha	F
	Rutgers hybrid pyracantha	, C, F
	Santa Cruz pyracantha	C, F
	Victory pyracantha	F
Rhaphiolepis indica	Charisma-Monruce rhaphiolepis	, C, F
	Enchantress-Moness rhaphiolepis	F.
	Rhaphiolepsis (India hawthorn)	, C, F
	Springtime-Monme rhaphiolepis	F
Rhaphiolepis ovata	Roundleaf rhaphiolepis	, F
Rhododendron calendulaceum	Cannon's double azalea	C, F
Nilododenaron calendulaceum	Flame azalea	F, 1
	Golden flare azaiea	C, F
	Klondike azalea	0, F
Rhododendron campylocarpum	Butterfly rhododendron	С, , F
Rhododendron carolinianum x daurium	PJM rhododendron	C, F
Rhododendron catawbiense	Catawba album rhododendron	C, F
Ribubacharon catawalense	Catawba rhododendron	C, F
	Lord Roberts rhododendron	C, F
	Rocket rhododendron	0, F
Rhododendron caucasium x ponticum	Cunninham White rhododendron	C, F
Rhododendron exbury	Cannon's double azalea	C, F
And doubling on babaly	golden flare azalea	C, F
	Klondike azalea	C, F
Rhododendron forrestii repens	Gomer Waterer rhododendron	C, F
Rhododendron forrestii x griersonianum	Elizabeth rhododendron	C, F
Rhododendron griffithianum	Jean Marie rhododendron	C, F
Rhododendron hybrid spp.	America rhododendron	C, F
	English Roseum rhododendron	F
	Nova Zembla rhododendron	Ċ, F
	Scintillation rhododendron	C, F
Rhododendron impeditum	Rhododendron	C, F
Rhododendron indica	Formosa azalea	C, F
Rhododendron indica	Waucabusa azalea	C, F
Rhododendron kaempferi	Blue danube azalea	C, F
Rhododendron kerume	Coral bells azalea	C, F
	Hino crimson azalea	C, F
	Hino pink azalea	C, F
	Mildred azalea	C, F
	Snow azalea	C, F
Rhododendron maximum	Rhodie max (rosebay)	C, F

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Rhododendron mucronulatum Rhododendron obtusum Rhododendron ponticum Rhododendron ponticum Rhododendron x 'purple gem' Rhododendron racemosum	Rhododendron Hino-crimsom azalea Chioniodes rhododendron Daphinoides rhododendron Purple gem rhododendron Dwarf scarlet wonder rhododendron Tribly rhododendron Unique rhododendron Vulcan rhododendron Ramapo rhododendron	F C C C C C C C C C C C C C C C C C C C
Rhododendron satuski	Gumpo pink azalea Higasa azalea Reijn azalea	C, F F C, F
<i>Rhododendron</i> spp. hybrids	Carror azalea Fashion azalea Gerard Christina azalea Girard Roberta azalea Golden flare exbury azalea Helmut vogel azalea Hersey red azalea Hot shot azalea Hume azalea Inga azalea Irene Koster azalea President Clay azalea Tradition azalea	
Rhus lancea	Sumac, African	C, F
Rosa rugosa	Ramanas rose	C, F
Rosmarinus officinalis	Rosemary	F
Senecio cineraria	Dusty-miller/silver ragweed	C, F
Skimmia japonica	Japanese skimmia	C, F
Skimmia revesiana	Reeve's skimmia	C, F
<u>Solanum rantonetii</u>	Paraguay nightshade	<u>C, F</u> C, F
Spiraea bumalda	Anthony Waterer spiraea	C, F
<u>Spiraea x cinerea 'Grefsheim'</u>	First snow spiraea	
Spiraea japonica	Dolchia spiraea	C, F
	Japanese alpine spiraea	C, F
Chiman wanhawttai	Shirobana spiraea	C, F
Spiraea vanhouttei	Bridal wreath	C, F
Syringa rothomagensis	Chinese lilac	C, F F
Syringa vulgaris Taxus cuspidata	Lilac, common Yew, Japanese	F
Tecomaria capensis	Cape honeysuckle	, C, F
Ternstroemia gymnanthera	Ternstroemia, Japanese	C, F
Thuja occidentalis	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
Thuja occidentalis Thuja orientalis	Woodwardii arborvitae Aureus nana-dwarf golden arborvitae	C, F C, F

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	Minima glauca-dwarf arborvitae	C, F
Veitchia merrilli	Christmas palm	F
Viburnum bodnantense	Pink dawn viburnum	C, F
Viburnum carlesii	Koreanspice viburnum	C, F
Viburnum davidii	David viburnum	C, F
Viburnum japonicum	Viburnum	F
Viburnum judd (v. X juddii)	Viburnum	C, F
Viburnum lantana	Wayfaring tree	F
Viburnum opulus sterile	Common snowball viburnum	F
Viburnum plicatum tomentosum	Doublefile viburnum	C, F
Viburnum setigerum	Tea viburnum	F
Viburnum tinus compactum	Spring bouquet viburnum	F
Viburnum trilobum	Cranberry bush	C, F
Viburnum trilobum compactum	Dwarf cranberry bush	C, F
Viburnum x pragense	Viburnum	C, F
Weigela florida	Bristol ruby weigela	C, F
	Java red weigela	C, F
	Minuet weigela	C, F
Xylosma congestum	Xylosma	F
Yucca filamentosa	Yucca	C, F

#### Groundcovers/Perennials

#### **Pecommended Treatment Method:** n

#### **Scientific Name**

Achillea millefolium Agapanthus africanus Agapanthus "Peter Pan" Alstroemeria aurea Ammophila breviligulata Antirrhinum majus Arctotheca calendula Argyranthemum frutescens Artemisia schmidtiana Asparaqus retrofractus Asteriscus maritimus Astilbe Deutschland Asparagus retrofractus Asparagus variegata Ammophila broviligulata Arctotheca-calendula Aster novae-angliae Aster novi-belgii Begonia cordifolia Begonia semperflorens Bidens ferulifolia Brachycome x 'New amethyst' Callistepeus chinensis Carex spp. Carpobrotus edulis Catharanthus roseus

Recommended	rreatment wethou:
С	= Container Grown
	F = Field Grown

#### **Common Name**

Common yarrow	C, F
Lily of the nile	C, F
	<u>C, F</u>
Peruvian lily	<u>C, F</u>
<u>Beechgrass</u>	<u>C, F</u>
Snapdragon-	<u>C, F</u>
Cape weed	<u>F</u>
<u>Paris daisy</u>	C, F C, F C, F
<u>Angels' hair</u>	C, F
Fern	<u>C, F</u> <u>C, F</u>
Gold coin daisy	<u>C, F</u>
Deutschland astilbe	<u>C, F</u> C, F
(No common name)	
Tree fern	C, F
Beechgrass	<del>C,</del> F
Cape weed	F
New England aster	C, F
New York aster	C, F
Heartleaf begonia	<u>C, F</u>
White ambassador begonia	<u>C, F</u>
Peter's Gold Bidens	<u>C, F</u>
Swan River Daisy New Amethyst	<u>C, F</u>
China aster	C, F
Variegated carex	C, F
Ice plant, largeleaf (see label)	F
Madagascar periwinkle	<u>C, F</u>

Cerastium tomentosum Ceratostiama plumbaginoides Chrysanthemum morifolium Chrvsanthemum sp. Clematis integrifolia caerulea Clivia miniata Coreopsis verticillata Cortaderia selloana Cuphea hyssopifolia Cyperus albostriatus Dahlia x 'Royal dahlietta pink' Guphea hyssopifolia Delosperma alba Descampsia caespitosa Dianthus gratianopolitanus Dietes vegeta Drosanthemum floribundum Drosantheumum hispidum Echinacea purpurea Ensete ventricosum Equisetum scirpoides Erianthus ravennae Erysimum "Bowles mauve" Euryops pectinatus Eustoma grandiflorum Festuca ovina glauca Fuchsia x 'Santa Claus' Gaillardia aristata Gaillardia grandiflora Gaura lindheimeri Gazania rigens leucolaena Gazania spp. Geranium incanum Geranium subcaulescens Hakonechloa macroaureola Hedera canariensis Hedera helix Helichrysum petiolatum Hemerocallis spp. Hesperaloe parviflora Heuchera americana Heuchera micrantha Hippeastrum hybrid Hosta 'Francee' Hosta lancifoila Hosta 'Patriot' Hymenoxys acaulis Hypericum spp. Impatiens wallerana Iris pumila Iris siberica Jasminum nitidum Lampranthus spectabilis Leptospermum scoparium

Snow in the summer
Dwarf plumbago
Florist's chrysanthemum
Chrysanthemum species
Blue bell clematis
Kafir lily
Coreopsis, threadleaf
Pampas grass
False or Mexican heather
<u>Dwarf umbrella grass</u>
Dwarf dahlia Wendy pink
False or Mexican heather
White iceplant
Descampsia
Crimson treasure cheddar pink
Fortnight lily
Trailing rosea iceplant
Iceplant
Purple coneflower
Red abyssinian banana
Dwarf horsetail
Hardy pampasgrass Wallflower
Dwarf euryops
Pink lisianthus
Blue fescue
Santa Claus Fuchsia
Blanket flower
Goblin blanket flower
Gaura
Gazania, trailing
Gazania
<u>Cranesbill</u>
Black eyed magenta cranesbill
Golden hakonechloa
Ivy, Algerian
Ivy, English
White licorice plant
Daylily
Red yucca
Palace purple
Coral bells
Amaryllis
Francee plantain lily
Albo-marginata hosta
Patriot plantain lily
Angelita daisy
St. Johnswort
Busy lizzie
Yellow dwarf bearded iris Blue siberian iris
Angelwing jasmine
Trailing iceplant
Broom teatree/manuka
Broom tour oomandika

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<u>Liatris spicata</u>	<u>Gay feather</u>	<u>C, F</u>
Limonium perezii	Statice	Ć, F
Liriope gigantea	White lily turf	C, F
Liriope muscari	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
Liriope spicata	green/creeping lily turf	C, F
Lobelia erinus	Lobelia	<u>C, F</u>
<u>Lobularia maritima</u>	Sweet alyssum	
Lonicera japonica	Honeysuckle, Japanese	<u>C, F</u> F
Lysimachia punctata	Dotted loosestrife	, C, F
Mathiola incana	Stock	
Miscanthus sinensis	Eulalia grass	<u>C, F</u> C, F
<u>Monarda didyma</u>	Bee balm	
Moraea iridiodes	African iris	C, F C, F C, F C, F
<u>Oenothera speciosa</u>		
	Siskiyou evening primrose	
Ophiopogon japonicus	Dwarf Mondo grass Mondo grass	C, F C, F
Onto annormum frutionaum	5	
Osteospermum fruticosum	Freeway daisy	<u>C, F</u> C, F
Pachysandra terminalis	Japanese spurge	
Parthenocissus quinguefolia	Virginia creeper	
<u>Pelargonium x hortorum</u>	Zonal geranium	<u>C, F</u> <u>C, F</u> C, F C, F
Pelargonium peltatum	lvy geranium	
Pennisetum alopecuroides	Fountain grass	
Pennisetum setaceum	Chrimson fountaingrass	C, F
<u>Pentas lanceolata</u>	<u>Star cluster</u>	<u>C, F</u>
<u>Penstemon x 'Apple blossom'</u>	Apple blossom penstemon	C, F C, F C, F C, F
Penstemon gentianoides	Hartwig penstemon	<u>C, F</u>
<u>Perovskia atriplicifolia</u>	Russian sage	
Petunia-hybrids	Garden petunias	0, F
Phalaris arundinacea picta	Ribbon grass	C, F
<u>Ratibida columnifera</u>	<u>Mexican hat</u>	<u>C, F</u> C, F
Rudbeckia fulgida	Blackeyed Susan	C, F
Rudbeckia hirta	Blackeyed Susan	C, F
<u>Ruellia brittoniana</u>	Dwarf Katie ruellia	<u>C, F</u>
<u>Salvia grahamii</u>	Graham's sage	<u>C, F</u>
<u>Salvia leucantha</u>	Mexican bush sage	C.F. C.F. C.F. C.F.
<u>Sedum x 'Autumn joy'</u>	Autumn joy stonecrop	
<u>Sedum x 'Vera jameson'</u>	Vera jameson stonecrop	
<u>Targetes patula 'Little hero'</u>	Little hero marigold	
Trachelospermum asiaticum	Asian jasmine	C, F
Tulbaghia violacea	Society garlic	C, F
<u>Verbena peruviana</u>	St. Paul verbena	<u>C, F</u>
Vinca major	Periwinkle, bigleaf	C, F
Vinca minor	Periwinkle, dwarf	F
Vinca spp.	Periwinkle	F
<u>Zinnia elegans</u>	<u>Dwarf zinnia</u>	<u>C, F</u>

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Non-bearing Fruit and Nut Tree and	
Non-bearing Vineyards <sup>†</sup>	Recommended
Non-bearing vincyalus.	Treatment Method:
	C = Container Grown
Common Name	F = Field Grown
almond	F
apple	F
apricot	F
avocado	F
blackberry	F
blueberry	F
boysenberry	F
cherry, sour	F
cherry, sweet	F
currant	F
dewberry	F
elderberry	F
fig	F
filbert	F
gooseberry	F
grape, American	F
grape, European	F
grapefruit	F
kiwi	F
lemon	F
loganberry	F
macadamia nut	F
nectarine	F
olive	F
orange	F
peach	F
pear	F
pecan	F
pistachio	Я
plum	F
pomegranate	F
prune	F
raspberry	F
walnut, black	F
walnut, English	F
<sup>†</sup> Non-bearing fruit and nut trees and non-t	pearing vinevards are defined

<sup>†</sup>Non-bearing fruit and nut trees and non-bearing vineyards are defined as plants which will not bear fruit for at least one year after treatment.

## **Ornamental Bulbs**

Do not use Snapshot 2.5 TG in bulb production fields. For use in landscape settings only.

Snapshot 2.5 TG may be applied for control of susceptible annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil (narcissus), hyacinth and tulip. Apply Snapshot 2.5 TG to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. Snapshot 2.5 TG may also be applied

following bulb emergence but prior to flowering and after flowering. For fall planted bulbs, apply Snapshot 2.5 TG again in late winter or early spring to weed-free soil surfaces.

#### **Special Use Precautions:**

Do not apply to tulip plants that have emerged to a height greater than 3/4 inch. Do not apply to gladiolus prior to emergence or if corms are less than one inch in diameter. Do not apply to bulbs while they are flowering.

#### **Shadehouse Areas**

Snapshot 2.5 TG may be applied in open shadehouse-type structures where the natural flow of air is unimpeded. Do not apply in enclosed greenhouses or in enclosed shadehouse-type structures. Do not apply within three weeks prior to enclosing greenhouse or poly-type structures.

# Noncropland

Snapshot 2.5 TG is recommended as a preemergence treatment for control of certain broadleaf weeds and annual grasses on non-cropland areas such as industrial sites, utility substations, highway guardrails, sign posts, delineators, etc. Apply Snapshot 2.5 TG anytime prior to germination of target weeds. Areas to be treated should be free of established weeds or existing weeds should be controlled with postemergence herbicides.

Refer to the "General Information" section of this label for General Use Precautions and information on Application, Application Rates, and Weeds Controlled.

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2. Replacement of amount of product used.

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