

woodace®



Group 3 21 HERBICIDES

Preen® plus

PRE EMERGENT CONTROL FOR ANNUAL GRASSES & BROADLEAF WEEDS IN SHRUB BEDS & GROUND COVERS

Active Ingredients:	
trifluralin	1.500%
isoxaben	0.375%
Other Ingredients:	98.125%
Total	100.000%

Contains .375 pounds active ingredient per 20 pound bag. U.S. Patents 4,636,243 and 5,086,184
 Trifluralin CAS. No. 1582-09-8 (L) (D)
 Isoxaben CAS. No. 82558-50-7 EPA Est. No. 961-PA-01:961-IL-01
 EPA Reg. No. 961-370 Superscript used is first letter of lot number.

Preen® and Woodace® are registered trademarks of Lebanon Seaboard Corporation.

READ THE LABEL BEFORE USING

**KEEP OUT OF REACH OF CHILDREN
 CAUTION PRECAUCION**

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.)

Notice: Read the entire label. Use only according to label directions. Before buying this product, read the warranty section elsewhere on this label. If terms are not acceptable return the unopened container to the place of purchase at once.

**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 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 • Chemical resistant gloves made of any waterproof material • 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.

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.
 • 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 (888) 208-1368 for emergency medical treatment information.

A preemergence herbicide for control of certain listed broadleaf weeds and annual grasses in:
 • Landscape Ornamentals • Field Grown Ornamentals • Non-bearing Vineyards
 • Christmas Tree Plantations • Ground Covers/Perennials • Non-cropland
 • Container Grown Ornamentals • Non-bearing Fruit and Nut Trees

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. Drift may result in reduced germination or emergence of nontarget plants adjacent to treated area. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.
 In case of emergency endangering the environment involving this product, call 1-800-992-5994.

Ground Water Advisory: This pesticide has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water 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 ground water. 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.

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
- Chemical resistant gloves made of any waterproof material
- 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 product in its original container in a cool, dry, locked place out of the reach of children and animals.
Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.
Container Handling: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Manufactured by:

Lebanon Seaboard Corporation
 1600 East Cumberland Street • Lebanon, PA 17042

For technical assistance or more information about our products visit www.LebanonTurf.com

NET WT. 20 LBS. (9.07 KG)

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Product Information

This product is a preemergence product for control of broadleaf weeds and annual grasses listed elsewhere on this label 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 this product anytime prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with rate of this product 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

This product controls weeds growing from seed. This product 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 this product. Optimum weed control is obtained when this product is activated within 3 days of application. If rainfall or irrigation does not occur within 3 days of application and tillage is possible, this product may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1-2 inches of soil. Failure to activate this product within 3 days of application may result in erratic control of annual grasses. Do not apply when wind conditions favor drift of this products granules from the target area.

Tolerance of Turfgrass Adjacent to Ornamental Plantings

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

Treatment Species Not Listed on the Label for Woodace Preen Plus

Users who wish to use this product on plant species not listed on this label may determine the suitability for use by treating a small number of such plants at a rate. Prior to treatment of larger areas, the treated plants should be observed for any sign of herbicidal injury for 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 this product on plant species not listed on this label.

Use Restrictions

In Arizona: The state of Arizona has not approved this product 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.

Repeat applications at 200 pounds per acre and higher should not be made sooner than 60 days after a previous application of this product. Do not apply over 800 pounds per acre total of this product within a 12 month period.

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

Do not aerially apply this product.

Weed Resistant Management

Trifluralin and isoxaben, the active ingredients in this product, are Group 3 and Group 21 herbicides, respectively, based on the mode of action classification system of the Weed Science Society of America. Any weed population may contain or develop plants resistant to Group 3 and Group 21 herbicides. Resistant weeds may dominate the weed population if these herbicides are used repeatedly in the same field. Such resistant weed plants may not be effectively managed using Group 3 and Group 21 herbicides but may be effectively managed utilizing other herbicides alone or in mixtures from a different herbicide Groups that are labeled for control of these weeds and/or by using cultural or mechanical practices. However, a herbicide mode of action classification by itself may not adequately address specific weeds that are resistant to specific herbicides. Consult your local company representative, state cooperative extension service, professional consultants or other qualified authorities to determine appropriate actions for treating specific resistant weeds or to report herbicide failures.

Best Management Practices:

Proactively implementing diversified weed control strategies to minimize selection for weed populations resistant to one or more herbicides is recommended. 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 resistant weeds. It is recommended to scout for weeds before this product is applied for identification and growth stage and after application to 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.

Application Instructions

Apply this product 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 Woodace Preen Plus

- When using a drop-type spreader, a splash board 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 suggested. 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 for small, difficult to treat areas. Carefully measure the amount of product needed to avoid over application.
- The weight-to-volume conversion table (on right) provides equivalent amounts of this product.

Woodace Preen Plus+ Broadcast Rates

Rate	Amount/1000 sq ft	Amount/100 sq ft			
lb/Acre	(lb)	(quarts)	(lb)	(cups)	
133	3.07	2.33	0.31	0.93	
200	4.60	3.47	0.47	1.33	
267	6.13	4.67	0.61	1.87	

+One pound of Woodace Preen Plus = 0.75 quart = 3 cups

Woodace Preen Plus May Be Used On The Following Established Plant Species (Note: Limitations on treatment methods)

TREES	Treatment Method: C = Container Grown F = Field Grown									
Scientific Name	Common Name	<i>Chamaedorea cataractarum</i>	Cat Palm	F		Shademaster honey locust	F	<i>Pinus radiata</i>	Monterey pine	F
<i>Abies balsamea</i>	C, F	<i>Chamaedorea costaricana</i>	Palm	C, F	<i>Heteromeles arbutiflora</i>	Toyon	F	<i>Pinus strobus</i>	Eastern white pine	C, F
<i>Abies concolor</i>	F	<i>Chamaedorea elegans</i>	Palm	C, F	<i>Illicium floridanum</i>	Florida anise-tree	C, F	<i>Pinus strobus</i>	White pine	C, F
<i>Abutilon hybridum</i>	C, F	<i>Cornus florida</i>	Parlor palm	C, F	<i>Juniperus virginiana</i>	Redcedar, Eastern Sweetgum, American Magnolia, Southern	C, F	<i>Pinus sylvestris</i>	Columnar Scotch pine	C, F
	C, F		Albus-flowering maple	C, F	<i>Liquidambar styraciflua</i>	Cloud nine dogwood	C, F		Scotch pine	C, F
	C, F	<i>Crataegus viridis</i>	Luteus-flowering maple	C, F	<i>Magnolia grandiflora</i>	Dogwood, flowering Green hawthorn	C, F	<i>Pinus thunbergiana</i>	Japanese black pine	C, F
	C, F	<i>Cryptomeria japonica</i>	Roseus-flowering maple	C, F	<i>Morus alba</i>	Morus	F	<i>Platanus occidentalis</i>	American sycamore	F
	C, F	<i>Cupaniopsis anacardioides</i>	Tangerine-flowering maple	C, F	<i>Musa aluminata</i>	Banana	C, F	<i>Platanus racemosa</i>	California sycamore	F
	F	<i>Cupressocyparis x 'Emerald Isle'</i>	Vesuvius red-flowering maple	F	<i>Oxydendrum arboreum</i>	Sourwood	C, F	<i>Podocarpus spp.</i>	Podocarpus	F
<i>Acer ginnala</i>	F	<i>Cupressus arizonica</i>	Flame maple	F	<i>Picea abies</i>	Pendula-weeping Norway spruce	C, F	<i>Populus deltoides</i>	Cottonwood	F
<i>Acer rubrum</i>	F	<i>Cupressus glabra</i>	Red maple	C, F		Repens-spreading Norway spruce	C, F	<i>Prosopis chilensis</i>	Chilean mesquite	C, F
	F	<i>Cupressus sempervirens</i>	Red sunset maple	F	<i>Pinus glauca</i>	Prunus, Norway	C, F	<i>Prunus yedoensis</i>	Yoshino flowering cherry	F
<i>Acer saccharinum</i>	C, F	<i>Dicksonia antarctica</i>	Silver maple	C, F	<i>Picea glauca conica</i>	Conica-dwarf Alberta spruce	C, F	<i>Quercus ilicifolia</i>	Bear oak	F
<i>Alsophila australis</i>	C, F	<i>Elaeagnus angustifolia</i>	Australian tree fern	C, F	<i>Picea pungens</i>	Dwarf Alberta spruce	F	<i>Quercus palustris</i>	Pin oak	F
<i>Areacastrum romanzoffianum</i>	C, F	<i>Elaeagnus x 'Gilt edge'</i>	Queen palm	C, F		Dwarf globe blue spruce	C, F	<i>Quercus phellos</i>	Willow oak	C, F
<i>Betula nigra</i>	C, F	<i>Eucalyptus camaldulensis</i>	Birch, river	C, F		Glauc-COLORADO blue spruce	C, F	<i>Quercus rubra</i>	Red oak	C, F
<i>Betula papyrifera</i>	F	<i>Eucalyptus cinerea</i>	Paper birch	F	<i>Pinus aristata</i>	Hoopsii-Hoop's blue spruce	C, F	<i>Quercus virginiana</i>	Live oak	C, F
<i>Brachychiton populneus</i>	C, F		Bottle tree	F		Koster-Koster blue spruce	F	<i>Salix babylonica</i>	Babylon weeping willow	F
<i>Bucida buceras</i>	F	<i>Eucalyptus microtheca</i>	Black olive	F	<i>Pinus canariensis</i>	Bristlecone pine	F		Corkscrew willow	F
<i>Ceratonia siliqua</i>	F	<i>Eucalyptus sideroxylon</i>	Coolibah tree	C, F	<i>Pinus contorta</i>	Canary Island pine	F	<i>Sequoiadendron giganteum</i>	Giant sequoia	F
<i>Cercis canadensis</i>	C, F	<i>Ficus benjamina</i>	Eucalyptus, red ironbark	C, F	<i>Pinus eldarica</i>	Shore pine, beach pine	F	<i>Swietenia mahogany</i>	Mahogany	F
<i>Chamaecyparis obtusa</i>	F		Ficus	C, F	<i>Pinus leucodermiss</i>	Eldarica pine	C, F	<i>Tabebuia caraba</i>	Yellow tab	F
<i>Chamaecyparis obtusa</i>	F		Mini ficus	C, F	<i>Pinus mugo</i>	Bosnian pine	C, F	<i>Tsuga canadensis</i>	Eastern hemlock	C, F
<i>Chamaecyparis pisifera</i>	F	<i>Fraxinus udhei</i>	Shamel ash	C, F		Pumilio-shrubby swiss mountain pine	C, F	<i>Ulmus parvifolia</i>	Chinese elm	F
	F	<i>Ginkgo biloba</i>	Ginkgo (Maidenhair tree)	F		Austrian black pine	C, F	<i>Washingtonia robusta</i>	Mexican fan palm	F
	F	<i>Gleditsia triacanthos</i>	Honey locust	F						

Weeds Controlled or Suppressed by Woodace Preen Plus

Weeds Controlled When Applied at 133 lb/acre (3.1 lb/1000 sq ft)

aster, slender	cupgrass,	henbit	nightshade, black
barnyardgrass	southwestern	horseweed	oat, wild
bluegrass, annual	fiddleneck, coast	jungerlice	panicum, fall
bur sage, annual	filaree, redstem	knottweed, prostrate	pepperweed, Virginia
celery, wild	feabane, blackleaved	lambsquarters,	pigweed
chickweed, common	feabane, dwarf	common	pineappleweed
clover white	foxtail, yellow	mallow, little	plantain, slender
crabgrass	groundcherry,	mustard, Indian	purslane, common
cudweed, purple	lanceleaf	mustard, wild	radish, wild

In Addition to the Weeds Listed at the 133 lb/acre Rate, the Following Weeds Will Be Controlled at 200 lb/acre (4.6 lb/1000 sq ft)

aster, heath	chickweed, mouseear	groundsel, common	morningglory, ivyleaf
bittercress	dandelion	ladysthumb	mustard, black
bittercress, hairy	eclipta	lettuce, prickly	pennywort
brassbutton,	fireweed	lovegrass	phyllanthus, long-stalk
southern	foxtail, giant	mallow, dwarf	plantain, bracted
carrot, wild	galinsoga, hairy	marestail	plantain, broadleaf
chamberbitter	geranium, Carolina	mayweed	plantain, buckhorn

In Addition to the Weeds Listed at the 133 lb/acre and 200 lb/acre Rates, the Following Weeds Will Be Controlled at 267 lb/acre (6.1 lb/1000 sq ft)

barley, hare	dogfenel	jmsonweed	nettle, burning
bromegrass	eveningprimrose	knottweed,	nettle, stinging
burclover, California	fescue, rattail	silversheath	oxtonge, bristly
cheat	filaree, whitestem	kochia	pimpernel, scarlet
datura	goosefoot, nettleleaf	medic, black	sandbur, field
	goosegrass	mullein, turkey	signalgrass

In Addition to the Weeds Controlled, the Following Weeds Will Be Partially Controlled or Suppressed at 267 lb/acre (6.1 lb/1000 sq ft)

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

Labeled Uses

Ornamental Plantings

This product is a preemergence treatment for control of certain listed broadleaf weeds and annual grasses in container grown ornamentals, landscape ornamentals, field grown ornamentals, ground covers/perennials, Christmas trees, non-bearing fruit and nut trees, and non-bearing vineyards. Apply this product anytime prior to germination of target weeds, or immediately after cultivation.

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

Special Use Precautions

- To avoid possible injury, do not apply this product 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.
 - ground covers until they are established and well rooted.

Do not apply this product 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 200 pounds per acre and higher should not be made sooner than 60 days after a previous application of this product. Do not apply over 800 pounds per acre total of this product 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 this product and use is not suggested.

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

SHRUBS	Treatment Method: C = Container Grown F = Field Grown	<i>Euonymus japonica</i>	Silver king euonymus	F	<i>Ligustrum ovalifolium</i>	California privet	F	<i>Rhododendron kaempferi</i>	Blue danube azalea	C, F
Scientific Name	Common Name	<i>Euonymus kiatschovica</i>	Variegated evergreen euonymus	C, F	<i>Ligustrum texanum</i>	Howardi privet	C, F	<i>Rhododendron kerume</i>	Coral bells azalea	C, F
<i>Abelia grandiflora</i>	Edward Goucher abelia	<i>Euonymus vegetus</i>	Spreading euonymus	C, F		Wax leaf privet	C, F		Hino crimson azalea	C, F
	Glossy abelia	<i>Euryops pectinatus</i>	Bigleaf wintercreeper	C, F	<i>Ligustrum vicaryi</i>	Privet, golden	F		Hino pink azalea	C, F
<i>Acacia abyssinica</i>	Abyssinica acacia	<i>Fatsyhedera japonica</i>	Dwarf euryops	C, F		Vicary golden privet	F		Mildred azalea	C, F
<i>Acacia redolens</i>	Acacia, prostrate	<i>Fatsia japonica</i>	Japanese aralia	C, F	<i>Ligustrum vulgare</i>	Lodense privet	C, F		Snow azalea	C, F
<i>Acacia stenophylla</i>	Shoestring acacia	<i>Felicia amelloides</i>	Blue marguerite	C, F	<i>Livistona chinensis</i>	Chinese fountain palm	F	<i>Rhododendron maximum</i>	Rhodie max (rosebay)	C, F
<i>Acalypha wilkesiana</i>	Copper leaf	<i>Forsythia intermedia</i>	Forsythia, border	C, F	<i>Lonicera fragrantissima</i>	Winter honeysuckle	C, F	<i>Rhododendron mucronulatum</i>	Rhododendron	C, F
<i>Acer ginnala</i>	Amur maple	<i>Forsythia x 'Spring glory'</i>	Spring glory forsythia	C, F	<i>Lonicera periclymenum</i>	Flowering woodbine	C, F	<i>Rhododendron obtusum</i>	Hino-crimson azalea	C, F
<i>Acer palmatum</i>	Coral bark Japanese maple	<i>Gardenia jasminoides</i>	Spring glory forsythia	C, F		Serotina woodbine	C, F	<i>Rhododendron ponticum</i>	Chionoides rhododendron	C, F
	Dwarf Japanese maple		August beauty gardenia	C, F	<i>Lonicera sempervirens</i>	Trumpet honeysuckle	C, F	<i>Rhododendron ponticum</i>	Daphinoides rhododendron	C, F
<i>Agapanthus africanus</i>	Queen Anne Lily of the Nile		Gardenia	C, F	<i>Loropetalum chinense</i>	Fringe flower	C, F	<i>Rhododendron x 'purple gem'</i>	Purple gem rhododendron	C, F
<i>Agave americana</i>	Century plant	<i>Gaultheria shallon</i>	Radican gardenia	C, F	<i>Mahonia aquifolium compacta</i>	Dwarf Oregon grape	C, F	<i>Rhododendron racemosum</i>	Dwarf scarlet wonder rhododendron	C, F
<i>Anisodonta hypomandarum</i>	Cape mallow	<i>Gelsemium sempervirens</i>	Salal/lemon leaf	C, F	<i>Mahonia bealei</i>	Leather leaf mahonia	C, F			
<i>Antonia cordifolia</i>	Red apple aptenia	<i>Mahonia repens</i>	Carolina jessamine	C, F	<i>Mahonia repens</i>	Creeping mahonia	C, F			
<i>Ardisia japonica</i>	Chirimen marlberry	<i>Myrica cerifera</i>	Woodwaxen	C, F	<i>Nandina domestica</i>	Wax myrtle	C, F			
<i>Astilbe arendsii</i>	False spiraea	<i>Rose of Sharon, Red Bird</i>	Rose Estey-hibiscus	C, F		Compacta-dwarf heavenly bamboo	C, F			
<i>Astilbe chinensis</i>	Astilbe/false spirea	<i>Rose of Sharon, Red Heart</i>	Rose of Sharon, Red Bird	C, F		Harbour dwarf-heavenly bamboo	C, F	<i>Rhododendron sassthigiatim x carolinianum</i>	Ramapo rhododendron	C, F
<i>Athyrium nipponicum</i>	Japanese painted fern	<i>Rose of Sharon, Woodbridge</i>	Rose of Sharon, Woodbridge	C, F		Heavenly bamboo (Nandina)	C, F			
<i>Baccharis pilularis</i>	Coyotebush	<i>Rose of Sharon, Aphrodite</i>	Rose of Sharon, Aphrodite	C, F		Nana compacta-heavenly bamboo	C, F	<i>Rhododendron satzuki</i>	Gumpo pink azalea	C, F
<i>Berberis gladywnensii</i>	William Penn barberry	<i>Rose of Sharon, Helene</i>	Rose of Sharon, Helene	C, F	<i>Nerium oleander</i>	Nana purpurea-heavenly bamboo	C, F		Higasa azalea	C, F
<i>Berberis mentorensis</i>	Mentor barberry		Balkans holly	F		Woods dwarf-heavenly bamboo	C, F	<i>Rhododendron spp. hybrids</i>	Reijn azalea	C, F
<i>Berberis thunbergii</i>	Aurea-golden Japanese barberry	<i>Ilex aquifolium</i>	Gold coast holly	F		Hardy red oleander	C, F		Carroll azalea	C, F
	Crimson pygmy barberry		San Jose holly	C, F		Oleander	C, F		Fashion azalea	C, F
	Rose glow barberry	<i>Ilex aquipernyi</i>	Savannah holly	C, F	<i>Osmanthus fortunei</i>	Ruby lace oleander	C, F		Gerard Christina azalea	F
	Atropurea-redleaf Japanese barberry	<i>Ilex attenuata</i>	Burford holly	C, F	<i>Pachysandra terminalis</i>	Fortunes osmanthus	C, F		Girard Roberta azalea	C, F
		<i>Ilex cornuta</i>	Dwarf Burford holly	C, F	<i>Phoenix roeelenii</i>	Japanese spurge	C, F		Golden flare exbury azalea	C, F
	Cherry bomb barberry		Needle point holly	C, F	<i>Phytinia fraseri</i>	Pigmy date palm	C, F		Helmut vogel azalea	F
<i>Bougainvillea spp.</i>	Barbara Karst	<i>Ilex crenata</i>	Compacta-dwarf Japanese holly	C, F	<i>Pieris japonica</i>	Fraser's photinia	C, F		Hersey red azalea	F
	California gold	<i>Ilex crenata</i>	Convexa holly	C, F		Lily-of-the-valley	C, F		Hot shot azalea	C, F
	Pink pixie		Mountain fire lily-of-the-valley	C, F		Snowdrift lily-of-the-valley	C, F		Hume azalea	F
	Scarlet O'Hara		Green luster holly	C, F		Temple bells lily-of-the-valley	C, F		Inga azalea	F
	Temple fire		Helleri-Heller's Japanese holly	C, F		Valley rose lily-of-the-valley	C, F		Irene Koster azalea	C, F
	Texas dawn		Hetzzi's Japanese holly	C, F		Valley valentine lily-of-the-valley	C, F		President Clay azalea	C, F
<i>Buxus x 'Green velvet'</i>	Green velvet boxwood	<i>Ilex glabra</i>	Stokesii Japanese holly	C, F	<i>Pieris japonica x forestii</i>	Valley flame lily-of-the-valley	C, F	<i>Rhus lancea</i>	Tradition azalea	C, F
<i>Buxus microphylla japonica</i>	Boxwood, Japanese		Stokesii Japanese holly	C, F	<i>Pinus mugu</i>	Mugo-mugo pine	C, F	<i>Rosa rugosa</i>	Sumac, African	C, F
<i>Buxus microphylla Koreana</i>	Korean boxwood		Compacta-compact inkberry holly	C, F	<i>Pittosporum tobira</i>	Green pittosporum	C, F	<i>Rosmarinus officinalis</i>	Ramanas rose	C, F
<i>Buxus sempervirens</i>	Boxwood, common	<i>Ilex meserveae</i>	Nordica-inkberry holly	C, F		Wheeler's dwarf pittosporum	C, F	<i>Senecio cineraria</i>	Rosemary	F
<i>Callistemon citrinus</i>	Bottlebrush, lemon		Blue boy holly	C, F	<i>Plumbago ariculata</i>	Blue cape plumbago	C, F	<i>Senecio cineraria</i>	Dusty-miller/silver ragweed	C, F
<i>Callistemon viminalis</i>	Weeping bottlebrush		Blue girl holly	C, F	<i>Plumbago capensis</i>	Plumbago	C, F	<i>Skimmia japonica</i>	Japanese skimmia	C, F
<i>Calluna vulgaris</i>	Spring torch scotch heather		China boy holly	C, F	<i>Podocarpus macrophyllus</i>	Yewpine	C, F	<i>Skimmia revesiana</i>	Reeve's skimmia	C, F
<i>Camellia japonica</i>	Camellia	<i>Ilex vomitoria</i>	China girl holly	C, F	<i>Polygala dalmaisiana</i>	Sweet pea shrub	C, F	<i>Spiraea rantonetii</i>	Paraguay nightshade	C, F
<i>Caryopteris x clandonen</i>	Dark knight bluebeard		Ebony magic holly	F	<i>Polystichum polyblepharum</i>	Tassel fern	C, F	<i>Spiraea baldata</i>	Anthony Waterer spiraea	C, F
<i>Cassia artemisioides</i>	Cassia, feathery		Nana-dwarf yaupon holly	C, F	<i>Potentilla fragiformis</i>	Cinquefoil	C, F	<i>Spiraea x cinerea 'Grefsheim'</i>	First snow spiraea	C, F
<i>Ceanothus spp.</i>	Wild lilac		Pendula-weeping yaupon holly	C, F	<i>Potentilla fruticosa</i>	Cinquefoil	C, F	<i>Spiraea japonica</i>	Dolchia spiraea	C, F
<i>Cephalotaxus drupacae</i>	Plum yew	<i>Illicium annisatum</i>	Yaupon holly	C, F		Gold drop potentilla	C, F	<i>Spiraea vanhouttei</i>	Japanese alpine spiraea	C, F
<i>Cerastium tomentosum</i>	Snow-in-summer	<i>Itea ilicifolia</i>	Mystery gardenia	C, F		Goldfinger potentilla	C, F	<i>Syringa rothomagensis</i>	Shirobana spiraea	C, F
<i>Chamaecyparis obtusa</i>	Kosteri cypress	<i>Ixora collinea</i>	Henry Garnet holly leaf sweetspire	C, F		Red ace potentilla	C, F	<i>Syringa vulgaris</i>	Bridal wreath	C, F
	Nana-dwarf Hinoki cypress	<i>Juniperus chinensis</i>	Ixora	C, F		Sunset potentilla	C, F	<i>Taxus cuspidata</i>	Chinese lilac	C, F
	Turlosa cypress		Hollywood juniper	C, F	<i>Potentilla verna</i>	Tangerine potentilla	C, F	<i>Tecomania capensis</i>	Lilac, common	F
<i>Chamaecyparis pisifera</i>	Bailei-dogwood		Media-old gold juniper	C, F	<i>Pyranus gladiolosa</i>	Spring cinquefoil	C, F	<i>Taxus cuspidata</i>	Yew, Japanese	F
	Flaviramea-dogwood		Pfitzer juniper	C, F	<i>Pyracantha fortuneana</i>	Dwarf pink flowering almond	C, F	<i>Tecomania capensis</i>	Cape honeysuckle	C, F
	Squarrosa Minima cypress		Pfitzerana glauca-blue juniper	C, F		Lolendei Monrovia pyracantha	C, F	<i>Ternstroemia japonica</i>	Ternstroemia, Japanese	C, F
	Filifera-thread cypress		Pfitzerana-pfitzer juniper	C, F		Monon pyracantha	F	<i>Thuja occidentalis</i>	Emerald arborvitae	C, F
<i>Chamaecyparis pisifera</i> spp.	Areca palm	<i>Juniperus conferta</i>	Sea green juniper	F		Red elf hybrid pyracantha	F		Globosa-globe arborvitae	C, F
<i>Chrysalidocarpus lutescens</i>	Summersweet		Turlosa-hollywood juniper	C, F		Rutgers hybrid pyracantha	C, F		Little giant-dwarf arborvitae	C, F
<i>Clethra alnifolia</i>	Cleyera, Japanese		Emerald sea shore juniper	C, F	<i>Rhaphiolepis indica</i>	Santa Cruz pyracantha	C, F		Nigra-dark American arborvitae	C, F
<i>Coleonema pulchrum</i>	Pink breath of heaven	<i>Juniperus horizontalis</i>	Shore juniper	C, F		Victory pyracantha	C, F		Pyramidalis arborvitae	C, F
<i>Convolvulus cneorum</i>	Bush morning glory		Andorra juniper	C, F		Charisma-Monruce rhaphiolepis	C, F		Rhinegold arborvitae	C, F
<i>Cornus alba</i>	Sibirica-Siberian dogwood		Bar Harbor juniper	C, F		Enchantress-Moness rhaphiolepis	C, F	<i>Thuja occidentalis</i>	Techny arborvitae	F
<i>Cornus stolonifera</i>	Bailei-red-osier dogwood		Blue chip juniper	C, F		Rhaphiolepis (India hawthorn)	C, F	<i>Thuja orientalis</i>	Woodwardii arborvitae	C, F
	Flaviramea-yellowtwig dogwood		Blue rug juniper	C, F		Springtime-Monme rhaphiolepis	F		Aureus nana-dwarf golden arborvitae	C, F
<i>Cotinus coggygria</i>	Royal purple smoke tree		Creeping juniper	C, F	<i>Rhaphiolepis ovata</i>	Roundleaf rhaphiolepis	C, F		Minima glauca-dwarf arborvitae	C, F
<i>Cotinus dammeri</i>	Coral beauty smoke tree		Dwarf Andorra juniper	C, F	<i>Rhododendron calendulaceum</i>	Canon's double azalea	C, F	<i>Veitchia merrilli</i>	Christmas palm	F
	Eichholz smoke tree		Huntington blue juniper	C, F		Flame azalea	F	<i>Viburnum bodnantense</i>	Pink dawn viburnum	C, F
<i>Cotoneaster adpressus</i>	Praecox-early cotoneaster		Plumosa-Andorra juniper	C, F		Golden flare azalea	C, F	<i>Viburnum carlesii</i>	Koreanspice viburnum	C, F
<i>Cotoneaster apiculatus</i>	Cotoneaster, cranberry	<i>Juniperus procumbens</i>	Wiltonii-blue carpet juniper	C, F		Klondike azalea	C, F	<i>Viburnum davidii</i>	David viburnum	C, F
<i>Cotoneaster congestus</i>	Cotoneaster, pyrenees		Nana-dwarf Japaneses garden juniper	C, F	<i>Rhododendron campylocarpum</i>	Butterfly rhododendron	F	<i>Viburnum japonicum</i>	Viburnum	F
<i>Cotoneaster dammeri</i>	Cotoneaster, bearberry		Prostrata juniper	C, F	<i>Rhododendron carolinianum x daurium</i>	PJM rhododendron	C, F	<i>Viburnum judd (v. X juddii)</i>	Viburnum	C, F
<i>Cotoneaster himalayana</i>	Himalayan cotoneaster	<i>Juniperus prostrata</i>	Broadmoor juniper	C, F	<i>Rhododendron catawbiense</i>	Catawba albium rhododendron	C, F	<i>Viburnum opulus sterile</i>	Wayfaring tree	C, F
<i>Cotoneaster horizontalis</i>	Cotoneaster, rock		Foemina-Hicks juniper	C, F		Catawba rhododendron	C, F	<i>Viburnum plicatum tomentosum</i>	Common snowball viburnum	F
<i>Cotoneaster opiculata</i>	Cotoneaster		Savin juniper	C, F		Lord Roberts rhododendron	C, F	<i>Viburnum setigerum</i>	Doublefile viburnum	C, F
<i>Cycas revoluta</i>	Sago palm		Tamariscifolia-Tam juniper	C, F		Rocket rhododendron	C, F	<i>Viburnum tinus compactum</i>	Tea viburnum	F
<i>Cytisus praecox</i>	Hollandia-warminster broom	<i>Juniperus scopulorum</i>	Emerald green juniper	F		Cunningham White rhododendron	C, F	<i>Viburnum trilobum compactum</i>	Spring bouquet viburnum	C, F
<i>Cytisus scoparius</i>	Lena-Scotch broom	<i>Juniperus squamata</i>	Blue juniper	C, F	<i>Rhododendron caucasicum x ponticum</i>		C, F	<i>Viburnum trilobum compactum</i>	Cranberry bush	C, F
<i>Cytisus spp.</i>	Holandia-Scotch broom		Blue star juniper	C, F	<i>Rhododendron exbury</i>	Canon's double azalea	C, F	<i>Viburnum x pragense</i>	Dwarf cranberry bush	C, F
<i>Daphne odora</i>	Fragrant daphne		Parsonii juniper	C, F		Golden flare azalea	C, F	<i>Weigela florida</i>	Viburnum	C, F
<i>Deutzia crenata</i>	Nakiana-dwarf deutzia	<i>Kalmia latifolia</i>	Laurel, mountain	C, F		Klondike azalea	C, F		Bristol ruby weigela	C, F
<i>Deutzia gracilis</i>	Slender gracilis	<i>Lagerstroemia indica</i>	Crape myrtle	C, F	<i>Rhododendron forrestii repens</i>	Gomer Waterer rhododendron	C, F		Java red weigela	C, F
<i>Dodonea viscosa</i>	Hopseed bush	<i>Lantana spp.</i>	Lantana	C, F	<i>Rhododendron forrestii</i>	Elizabeth rhododendron	C, F	<i>Xylosma congestum</i>	Minuet weigela	C, F
<i>Elaeagnus pungens</i>	Fruittland silver berry	<i>Lavandula angustifolia</i>	English lavender	C, F				<i>Yucca filamentosa</i>	Xylosma	F
<i>Erica cinerea</i>	Purple bell heather	<i>Lavandula latifolia</i>	English spike lavender	C, F	<i>Rhododendron griffithianum x griersonianum</i>				Yucca	C, F
<i>Erica vagans</i>	Cornish heather	<i>Leptospermum scoparium</i>	English heather	C, F		Jean Marie rhododendron	C, F			
<i>Erica x darleyensa</i>	Mediterranean pink heather		New Zealand tea tree	C, F	<i>Rhododendron hybrid spp.</i>	America rhododendron	C, F			
<i>Eugenia myrtilifolia</i>	Dwarf brush cherry	<i>Leucothoe axillaris</i>	Leucothoe, coast	C, F		English Roseum rhododendron	C, F			
<i>Euonymus x 'Aureo variegatus'</i>	Gold spot euonymus	<i>Leucothoe fontanesiana</i>	Leucothoe, drooping	C, F		Nova Zembla rhododendron	C, F			
<i>Euonymus x 'Chollipo'</i>	Chollipo euonymus	<i>Ligustrum japonicum</i>	Privet, Japanese	C, F	<i>Rhododendron impeditum</i>	Scintillation rhododendron	C, F			
<i>Euonymus fortunei</i>	Canadale gold euonymus		Wax ligustrum	C, F	<i>Rhododendron indica</i>	Rhododendron	C, F			
	Emerald'n gold euonymus		Yellow tip ligustrum	C, F	<i>Rhododendron indica</i>	Formosa azalea	C, F			
	Sunspot euonymus	<i>Ligustrum lucidum</i>	Privet, glossy	C, F	<i>Rhododendron indica</i>	Waucabusa azalea	C, F			

GROUND COVERS/ PERENNIALS	Treatment Method: C = Container Grown F = Field Grown		Coreopsis verticillata		Coreopsis, threadleaf		C F		Heuchera micrantha		Coral bells		C, F		Mondo grass		C, F			
Scientific Name	Common Name		Cortaderia selloana		Pampas grass		C, F		Hippeastrum hybrid		Amaryllis		C, F		Osteospermum fruticosum		Freeway daisy		C, F	
<i>Achillea millefolium</i>		C, F	<i>Cuphea hyssopifolia</i>		False or Mexican heather	C, F	<i>Cyperus albobristriatus</i>		<i>Hosta 'Francee'</i>		Francee plantain lily	C, F	<i>Pachysandra terminalis</i>		Japanese spurge	C, F	<i>Parthenocissus quinguefolia</i>		Virginia creeper	C, F
<i>Agapanthus africanus</i>		C, F	<i>Dahlia x 'Royal dahlietta pink'</i>		Dwarf umbrella grass	C, F	<i>Dahlia x 'Royal dahlietta pink'</i>		<i>Hosta 'Patriot'</i>		Albo-marginata hosta	C, F	<i>Pelargonium x hortorum</i>		Zonal geranium	C, F	<i>Pelargonium peltatum</i>		White iceland	C, F
<i>Agapanthus 'Peter Pan'</i>		C, F	<i>Delosperma alba</i>		Dwarf dahlia Wendy pink	C, F	<i>Delosperma alba</i>		<i>Hymenoxys acaulis</i>		Patriot plantain lily	C, F	<i>Pennisetum alopecuroides</i>		Lvy geranium	C, F	<i>Pennisetum peltatum</i>		White iceland	C, F
<i>Alstroemeria aurea</i>		C, F	<i>Descampsia caespitosa</i>		White iceland	F	<i>Descampsia caespitosa</i>		<i>Hypericum spp.</i>		Angelita daisy	C, F	<i>Pennisetum setaceum</i>		Fountain grass	C, F	<i>Pennisetum setaceum</i>		White iceland	C, F
<i>Ammophila breviligulata</i>		C, F	<i>Dianthus gratianopolitanus</i>		Crimson treasure cheddar pink	C, F	<i>Dianthus gratianopolitanus</i>		<i>Impatiens wallerana</i>		St. Johnswort	C, F	<i>Pentstemon x 'Apple blossom'</i>		Chrimson fountaingrass	C, F	<i>Pentstemon x 'Apple blossom'</i>		White iceland	C, F
<i>Antirrhinum majus</i>		C, F	<i>Dietes vegeta</i>		Fortnight lily	C, F	<i>Dietes vegeta</i>		<i>Impatiens wallerana</i>		Busy lizzie	C, F	<i>Pentstemon gentianoides</i>		Star cluster	C, F	<i>Pentstemon gentianoides</i>		White iceland	C, F
<i>Arctotheca calendula</i>		F	<i>Drosantheum floribundum</i>		Trailing rosea iceplant	F	<i>Drosantheum floribundum</i>		<i>Iris pumila</i>		Yellow dwarf bearded iris	C, F	<i>Peroovskia atriplicifolia</i>		Apple blossom penstemon	C, F	<i>Peroovskia atriplicifolia</i>		White iceland	C, F
<i>Argythemia frutescens</i>		C, F	<i>Drosantheum hispidum</i>		Iceplant	C, F	<i>Drosantheum hispidum</i>		<i>Iris siberica</i>		Blue siberian iris	C, F	<i>Petunia hybrids</i>		Hartwig penstemon	C, F	<i>Petunia hybrids</i>		White iceland	C, F
<i>Artemisia schmidtiana</i>		C, F	<i>Ensete ventricosum</i>		Red abyssinian banana	C, F	<i>Ensete ventricosum</i>		<i>Jasminum nitidum</i>		Trailing jasmine	C, F	<i>Phalaris arundinacea picta</i>		Russian sage	C, F	<i>Phalaris arundinacea picta</i>		White iceland	C, F
<i>Asparagus retrofractus</i>		C, F	<i>Equisetum scirpoides</i>		Dwarf horsetail	C, F	<i>Equisetum scirpoides</i>		<i>Lampranthus spectabilis</i>		Broom teatree/manuka	C, F	<i>Ratibida columnifera</i>		Garden petunias	C, F	<i>Ratibida columnifera</i>		White iceland	C, F
<i>Aster novae-angliae</i>		C, F	<i>Erianthus ravennae</i>		Hardy pampasgrass	C, F	<i>Erianthus ravennae</i>		<i>Leptospermum scoparium</i>		Gay feather	C, F	<i>Rudbeckia fulgida</i>		Ribbon grass	C, F	<i>Rudbeckia fulgida</i>		White iceland	C, F
<i>Aster novi-belgii</i>		C, F	<i>Erysimum 'Bowles mauve'</i>		Wallflower	C, F	<i>Erysimum 'Bowles mauve'</i>		<i>Limonium perezii</i>		Static	C, F	<i>Rudbeckia hirta</i>		Mexican hat	C, F	<i>Rudbeckia hirta</i>		White iceland	C, F
<i>Begonia cordifolia</i>		C, F	<i>Euryops pectinatus</i>		Dwarf euryops	C, F	<i>Euryops pectinatus</i>		<i>Liriope gigantea</i>		Dwarf lily turf	C, F	<i>Ruellia brittoniana</i>		Blackeyed Susan	C, F	<i>Ruellia brittoniana</i>		White iceland	C, F
<i>Begonia semperlorens</i>		C, F	<i>Estoma grandiflorum</i>		Pink lisianthus	C, F	<i>Estoma grandiflorum</i>		<i>Liriope muscari</i>		Lilac beauty lily turf	C, F	<i>Salvia grahamii</i>		Blackeyed Susan	C, F	<i>Salvia grahamii</i>		White iceland	C, F
<i>Bidens ferulifolia</i>		C, F	<i>Festuca ovina glauca</i>		Blue fescue	C, F	<i>Festuca ovina glauca</i>				Majestic lily turf	C, F	<i>Salvia leucantha</i>		Blackeyed Susan	C, F	<i>Salvia leucantha</i>		White iceland	C, F
<i>Brachycome x 'New amethyst'</i>		C, F	<i>Fuchsia x 'Santa Claus'</i>		Santa Claus Fuchsia	C, F	<i>Fuchsia x 'Santa Claus'</i>				Monroe white lily turf	C, F	<i>Sedum x 'Autumn Joy'</i>		Dwarf Katie ruellia	C, F	<i>Sedum x 'Autumn Joy'</i>		White iceland	C, F
<i>Callistephus chinensis</i>		C, F	<i>Gaillardia aristata</i>		Blanket flower	C, F	<i>Gaillardia aristata</i>				Silvery sunproof lily turf	C, F	<i>Sedum x 'Vera jameson'</i>		Graham's sage	C, F	<i>Sedum x 'Vera jameson'</i>		White iceland	C, F
<i>Carex spp.</i>		C, F	<i>Gaillardia grandiflora</i>		Goblin blanket flower	C, F	<i>Gaillardia grandiflora</i>				Variegated liriopie lily turf	C, F	<i>Targetes patula 'Little hero'</i>		Mexican bush sage	C, F	<i>Targetes patula 'Little hero'</i>		White iceland	C, F
<i>Carpobrotus edulis</i>		F	<i>Gaura lindheimeri</i>		Gaura	C, F	<i>Gaura lindheimeri</i>				Big blue lily turf	C, F	<i>Trachelospermum asiaticum</i>		Autumn joy stoncrop	C, F	<i>Trachelospermum asiaticum</i>		White iceland	C, F
<i>Catharanthus roseus</i>		C, F	<i>Gazania rigens leucolaena</i>		Gazania, trailing	C, F	<i>Gazania rigens leucolaena</i>				green/creeping lily turf	C, F	<i>Tulbaghia violacea</i>		Vera jameson stoncrop	C, F	<i>Tulbaghia violacea</i>		White iceland	C, F
<i>Cerastium tomentosum</i>		C, F	<i>Gazania spp.</i>		Gazania	C, F	<i>Gazania spp.</i>				Lobelia	C, F	<i>Verbenia peruviana</i>		Little hero marigold	C, F	<i>Verbenia peruviana</i>		White iceland	C, F
<i>Ceratostigma plumbaginoides</i>		C, F	<i>Geranium incanum</i>		Cranesbill	C, F	<i>Geranium incanum</i>				Lobelia erinus	C, F	<i>Vinca major</i>		Asaian jasmine	C, F	<i>Vinca major</i>		White iceland	C, F
<i>Chrysanthemum morifolium</i>		C, F	<i>Geranium subcaulescens</i>		Black eyed magenta cranesbill	C, F	<i>Geranium subcaulescens</i>				Lobularia maritima	C, F	<i>Vinca minor</i>		Society garlic	C, F	<i>Vinca minor</i>		White iceland	C, F
<i>Chrysanthemum sp.</i>		C, F	<i>Hakonechloa macroaureola</i>		Golden hakonechloa	C, F	<i>Hakonechloa macroaureola</i>				Lonicera japonica	F	<i>Vinca spp.</i>		Periwinkle, bigleaf	C, F	<i>Vinca spp.</i>		White iceland	C, F
<i>Clematis integrifolia caerulea</i>		C, F	<i>Hedera canariensis</i>		Hedera canariensis	F	<i>Hedera canariensis</i>				Lysimachia punctata	C, F	<i>Zinnia elegans</i>		Periwinkle, dwarf	F	<i>Zinnia elegans</i>		White iceland	C, F
<i>Clivia miniata</i>		C, F	<i>Hedera helix</i>		Ivy, English	C, F	<i>Hedera helix</i>				Mathiola incana	F			Periwinkle	F				
		C, F	<i>Helichrysum petiolatum</i>		White licorice plant	C, F	<i>Helichrysum petiolatum</i>				Miscanthus sinensis	C, F			Dwarf zinnia	C, F				
		C, F	<i>Hemerocallis spp.</i>		Daylily	C, F	<i>Hemerocallis spp.</i>				Monarda didyma	C, F								
		C, F	<i>Hesperaloe parviflora</i>		Red yucca	C, F	<i>Hesperaloe parviflora</i>				Monaraa didodes	C, F								
		C, F	<i>Heuchera americana</i>		Palace purple	C, F	<i>Heuchera americana</i>				Oenothera speciosa	C, F								
		C, F				C, F					Ophiopogon japonicus	C, F								

NON-BEARING FRUIT AND NUT TREES AND NON-BEARING VINEYARDS+	Treatment Method: F = Field Grown		*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.																				
Common Name	F		Blueberry		Cherry, sweet		Elderberry		Gooseberry		Grapefruit		Loganberry		Olive		Pear		Plum		Raspberry		
Almond	F	Avocado	F	Boysenberry	F	Currant	F	Fig	F	Grape, American	F	Kiwi	F	Macadamia nut	F	Orange	F	Pecan	F	Pomegranate	F	Walnut, black	F
Apple	F	Blackberry	F	Cherry, sour	F	Dewberry	F	Filbert	F	Grape, European	F	Lemon	F	Nectarine	F	Ppeach	F	Pistachio	F	Prune	F	Walnut, English	F

Ornamental Bulbs
Do not use this product in bulb production fields. For use in landscape settings only.

This product may be applied for control of susceptible listed annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil (narcissus), hyacinth and tulip. Apply this product to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. This product may also be applied following bulb emergence but prior to flowering and after flowering. For fall planted bulbs, apply this product 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
This product 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.

Non-cropland
This product is a preemergence treatment for control of certain listed broadleaf weeds and annual grasses on non-cropland areas such as industrial sites, utility substations, highway guardrails, sign posts, delineators, etc. Apply this product 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 "Product Information" section of this label for Use Precautions and information on Application, Application Rates, and Weeds Controlled.

WARRANTY

NOTE To the extent consistent with applicable law, Buyer assumes all responsibility for safety and performance if this product is not used according to the directions.