

# woodace®

# 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 PRECAUTION

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 broadleaf

### weeds and annual grasses in:

- Landscape Ornamentals
- Christmas Tree Plantations
- Container Grown Ornamentals
- Field Grown Ornamentals
- Ground Covers/Perennials
- Non-bearing Fruit and Nut Trees
- Non-bearing Vineyards
- Non-cropland



### 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.

### 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 Disposal:** 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](http://www.LebanonTurf.com)

## NET WT. 20 LBS. (9.07 KG)

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

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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.

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Manufactured by:

# Lebanon Seaboard Corporation

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## General Instructions and Information

Woodace Preen Plus herbicide 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 Woodace Preen Plus anytime prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with rate of Woodace Preen Plus 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

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

## Tolerance of Turfgrass Adjacent to Ornamental Plantings

Accidental application to turf may occur when applying Woodace Preen Plus to ornamental plantings. Woodace Preen Plus 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.

## Treatment Species Not Listed on the Label for Woodace Preen Plus

Users who wish to use Woodace Preen Plus 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 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 Woodace Preen Plus on plant species not recommended on this label.

## Use Restrictions

**In Arizona:** The state of Arizona has not approved Woodace Preen Plus 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.

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

Do not aerially apply Woodace Preen Plus.

## Application Instructions

Apply Woodace Preen Plus 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 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 (on right) provides equivalent amounts of Woodace Preen Plus.

### 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

## 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	ragweed, common	sprangletop, Mexican
barnyardgrass	southwestern	horseweed	oat, wild	rocket, London	telegraphplant
bluegrass, annual	fiddleneck, coast	jungerlice	panicum, fall	rockpurslane, desert	thistle, Russian
bursage, annual	filaree, redstem	knotweed, prostrate	pepperweed, Virginia	shepherdspurse	witchgrass
celery, wild	fleabane, black/leaved	lambsquarters,	pigweed	sibara	
chickweed, common	fleabane, dwarf	common	pineappleweed	smartweed,	
clover white	foxtail, yellow	mallow, little	plantain, slender	Pennsylvania	
crabgrass	groundcherry,	mustard, Indian	purslane, common	sowthistle, annual	
cudweed, purple	lanceleaf	mustard, wild	radish, wild	speedwell, purslane	

### 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	pokeweed, common	spurge, hyssop
bitterress	dandelion	ladythumb	mustard, black	rockpurslane,	spurge, spotted
bitterress, hairy	eclipta	lettuce, prickly	pennywort	redmaids	sweetclover, yellow
brassbuttons,	fireweed	lovegrass	phyllanthus, long-stalk	ryegrass, annual	tansymustard, green
southern	foxtail, giant	mallow, dwarf	plantain, bracted	sida, prickly	velvetleaf
carrot, wild	galinsoga, hairy	marestail	plantain, broadleaf	sorrel, red	woodsorrel, yellow
chamberbitter	geranium, Carolina	mayweed	plantain, buckhorn	speedwell, thymeleaf	

### 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	dogfennel	jimsonweed	nettle, burning	sowthistle, spiny	thistle, musk
bromegrass	eveningprimrose	knotweed,	nettle, stinging	spurge, petty	willowweed, panicle
burclover, California	fescue, raitail	silversheath	oxtongue, bristly	spurge, prostrate	woodsorrel, creeping
cheat	filaree, whitestem	kochia	pimpernel, scarlet	stinkgrass	
datura	goosefoot, nettleleaf	medic, black	sandbur, field	sunflower	
	goosegrass	mullein, turkey	signalgrass	swinecress	

### 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

Woodace Preen Plus 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 trees, and non-bearing vineyards. Apply Woodace Preen Plus 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 Woodace Preen Plus 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 Woodace Preen Plus 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 Woodace Preen Plus. Do not apply over 800 pounds per acre total of Woodace Preen Plus 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 Woodace Preen Plus and use is not recommended.**

<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</i> 'Prince of Wales' (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</i> 'compacta' (dwarf burning bush)	<i>Rhododendron catawbiense</i> 'Roseum elegans' (Roseum elegans rhododendron)
<i>Euphorbia</i> spp. (spurge)	<i>Sedum</i> spp. (stonecrop)
<i>Geranium cinereum</i> 'Ballerina' (ballerina cranesbill)	<i>Vinca minor</i> 'Atropurpurea' (wine periwinkle)
<i>Gypsophila paniculata</i> (white festival baby's breath)	<i>Yucca recurvifolia</i> (green yucca)



Woody Preen Plus May Be Used On The Following Established Plant Species					
(Note: Limitations on recommended treatment methods)					
TREES					
Recommended Treatment Method:		Scientific Name	Common Name		
C = Container Grown	F = Field Grown				
Scientific Name	Common Name				
<i>Abies balsamea</i>	Fir, balsam	C, F	<i>Heteromeles arbutiflora</i>	Shademaker honey locust	F
<i>Abies concolor</i>	Fir, white	F	<i>Illicium floridanum</i>	Toyon	F
<i>Abutilon hybridum</i>	Albus-flowering maple	C, F	<i>Juniperus virginiana</i>	Florida anise-tree	C, F
	Luteus-flowering maple	C, F	<i>Liquidambar styraciflua</i>	Redcedar, Eastern	C, F
	Roseus-flowering maple	C, F	<i>Magnolia grandiflora</i>	Sweetgum, American	F
	Tangerine-flowering maple	C, F	<i>Morus alba</i>	Magnolia, Southern	C, F
	Vesvius red-flowering maple	F	<i>Musa aluminata</i>	White mulberry	F
<i>Acer ginnmala</i>	Flame maple	F	<i>Oxydendrum arboreum</i>	Banana	C, F
<i>Acer rubrum</i>	Red maple	F	<i>Picea abies</i>	Sourwood	C, F
	Red sunset maple	F		Pendula-weeping Norway spruce	C, F
<i>Acer saccharinum</i>	Silver maple	C, F	<i>Picea glauca</i>	Repens-spreading Norway spruce	C, F
<i>Alsophila australis</i>	Australian tree fern	C, F	<i>Picea glauca conica</i>	Spruce, Norway	C, F
<i>Arecastrum romanzoffianum</i>	Queen palm	C, F	<i>Picea pungens</i>	Conica-dwarf Alberta spruce	C, F
<i>Betula nigra</i>	Birch, river	C, F		Dwarf Alberta spruce	F
<i>Betula papyrifera</i>	Paper birch	F		Dwarf globe blue spruce	C, F
<i>Brachychiton populneus</i>	Bottle tree	C, F		Glaucia-Colorado blue spruce	C, F
<i>Bucida buceras</i>	Black olive	F	<i>Pinus aristata</i>	Hoopsii-Hoop's blue spruce	C, F
<i>Ceratonia siliqua</i>	Carob	F	<i>Pinus canariensis</i>	Koster-Koster blue spruce	F
<i>Cercis canadensis</i>	Redbud	C, F	<i>Pinus contorta</i>	Canary Island pine	C, F
<i>Chamaecyparis obtusa</i>	Filicoides-fernspray cypress	F	<i>Pinus edularica</i>	Shore pine, beach pine	F
<i>Chamaecyparis obtusa</i>	Gracilis-slender Hinoki cypress	F	<i>Pinus leucodermis</i>	Eldarica pine	C, F
<i>Chamaecyparis pisifera</i>	Sawara-false cypress	F	<i>Pinus mugo</i>	Bosnian pine	C, F
	Squarrosa-moss cypress	F		Pinullo-shrubby swiss mountain pine	C, F
<i>Chamaedorea cataractarum</i>	Cat Palm	F	<i>Pinus nigra</i>	Austrian black pine	C, F
	Palm	C, F	<i>Pinus radiata</i>	Monterey pine	F
<i>Chamaedorea costaricana</i>	Palm	C, F	<i>Pinus strobus</i>	Eastern white pine	C, F
<i>Chamaedorea elegans</i>	Parlor palm	C, F	<i>Pinus strobus</i>	white pine	C, F
<i>Cornus florida</i>	Cloud nine dogwood	C, F	<i>Pinus sylvestris</i>	Columnar Scotch pine	C, F
	Dogwood, flowering	C, F		Scotch pine	C, F
<i>Crataegus viridis</i>	Green hawthorn	F	<i>Pinus thunbergiana</i>	Japanese black pine	C, F
<i>Cryptomeria japonica</i>	Cryptomeria, Japanese	C, F	<i>Platanus occidentalis</i>	American sycamore	F
<i>Cupaniopsis anacardioides</i>	Carrot wood	F	<i>Platanus racemosa</i>	California sycamore	F
<i>Cupressocyparis x 'Emerald Isle'</i>	Emerald island leyland cypress	C, F	<i>Podocarpus</i> spp.	Podocarpus	F
<i>Cupressus arizonica</i>	Arizona cypress	F	<i>Populus deltoides</i>	Cottonwood	F
<i>Cupressus glabra</i>	Arizona cypress	F	<i>Prosopis chilensis</i>	Chilian mesquite	C, F
<i>Cupressus sempervirens</i>	Italian cypress	C, F	<i>Prunus yedoensis</i>	Yoshino flowering cherry	F
<i>Dicksonia antarctica</i>	Tasmanian tree fern	C, F	<i>Quercus ilicifolia</i>	Bear oak	F
<i>Elaeagnus angustifolia</i>	Russian olive	C, F	<i>Quercus palustris</i>	Pin oak	F
<i>Elaeagnus x 'Gilt edge'</i>	Gilt edge strawberry	C, F	<i>Quercus phellos</i>	Willow oak	C, F
<i>Eucalyptus camaldulensis</i>	Red gum eucalyptus	F	<i>Quercus rubra</i>	Red oak	C, F
<i>Eucalyptus cinerea</i>	Eucalyptus, mealy	F	<i>Quercus virginiana</i>	Live oak	C, F
	Silver dollar eucalyptus	F	<i>Salix babylonica</i>	Babylon weeping willow	F
<i>Eucalyptus microtheca</i>	Coolibah tree	C, F	<i>Sequoiadendron giganteum</i>	Corkscrew willow	F
<i>Eucalyptus sideroxylon</i>	Eucalyptus, red ironbark	F		Giant sequoia	F
<i>Ficus benjamina</i>	Ficus	C, F	<i>Swietenia mahogany</i>	Mahogany	F
	Mini ficus	C, F	<i>Tabebuia caraiba</i>	Yellow tab	F
<i>Fraxinus udhei</i>	Shamel ash	C, F	<i>Tsuga canadensis</i>	Eastern hemlock	C, F
<i>Ginkgo biloba</i>	Ginkgo (Maidenhair tree)	F	<i>Ulmus parvifolia</i>	Chinese elm	F
<i>Gleditsia triacanthos</i>	Honey locust	F	<i>Washingtonia robusta</i>	Mexican fan palm	F
SHRUBS					
Recommended Treatment Method:		Scientific Name	Common Name		
C = Container Grown	F = Field Grown				
Scientific Name	Common Name				
<i>Abelia grandiflora</i>	Edward Goucher abelia	C, F	<i>Cotoneaster adpressus</i>	Eichholz smoke tree	C, F
	Glossy abelia	C, F	<i>Cotoneaster apiculatus</i>	Praecox-early cotoneaster	C, F
<i>Acacia abyssinica</i>	Abyssinica acacia	C, F	<i>Cotoneaster congestus</i>	Cotoneaster, cranberry	C, F
<i>Acacia redolens</i>	Acacia, prostrate	C, F	<i>Cotoneaster dammeri</i>	Cotoneaster, Pyrenees	C, F
<i>Acacia stenophylla</i>	Shoestring acacia	C, F	<i>Cotoneaster himalayana</i>	Cotoneaster, bearberry	C, F
<i>Acalypha wilkesiana</i>	Copper leaf	C, F	<i>Cotoneaster horizontalis</i>	Himalayan cotoneaster	C, F
<i>Acer ginnala</i>	Amur maple	C, F	<i>Cotoneaster opiculata</i>	Cotoneaster, rock	C, F
<i>Acer palmatum</i>	Coral bark Japanese maple	C, F	<i>Cycas revoluta</i>	Cotoneaster	C, F
	Dwarf Japanese maple	C, F	<i>Cytisus praecox</i>	Sago palm	C, F
<i>Agapanthus africanus</i>	Queen Anne Lily of the Nile	C, F	<i>Cytisus scoparius</i>	Hollandia-warminster broom	C, F
<i>Agave americana</i>	Century plant	F	<i>Cytisus</i> spp.	Lena-Scotch broom	C, F
<i>Anisodonta hypomandarum</i>	Cape mallow	C, F	<i>Daphne odora</i>	Hollandia-Scotch broom	F
<i>Aptenia cordifolia</i>	Red apple aptenia	C, F	<i>Deutzia crenata</i>	Fragrant daphne	C, F
<i>Ardisia japonica</i>	Chirimen marlberry	C, F	<i>Deutzia gracilis</i>	Nakiana-dwarf deutzia	C, F
<i>Astilbe arendsii</i>	false spiraea	C, F	<i>Donodea viscosa</i>	Slender grailis	C, F
<i>Astilbe chinensis</i>	Astilbe/false spiraea	C, F	<i>Elaeagnus pungens</i>	Hoopseed bush	F
<i>Athyrium nipponicum</i>	Japanese painted fern	C, F	<i>Erica cinerea</i>	Fruitland silver berry	C, F
<i>Baccharis pilularis</i>	coyotebush	C, F	<i>Erica vagans</i>	Purple bell heather	C, F
<i>Berberis gladwynensis</i>	William Penn barberry	C, F	<i>Erica x darleyensa</i>	Cornish heather	C, F
<i>Berberis mentorensis</i>	Mentor barberry	C, F	<i>Eugenia myrtifolia</i>	Mediterranean pink heather	C, F
<i>Berberis thunbergii</i>	Aurea-golden Japanese barberry	F	<i>Eunonymus x 'Aureo variegatus'</i>	Dwarf brush cherry	C, F
	Crimson pygmy barberry	C, F	<i>Eunonymus x 'Chollipoi'</i>	Gold spot eunonymus	C, F
	Rose glow barberry	C, F	<i>Eunonymus fortunei</i>	Chollipo eunonymus	C, F
	Atropurea-redleaf Japanese barberry	F		Canada gold eunonymus	C, F
			<i>Eunonymus japonica</i>	Emerald'n gold eunonymus	F
<i>Bougainvillea</i> spp.	Cherry bomb barberry	C, F		Sunset eunonymus	F
	Barbara Karst	C, F		Silver king eunonymus	F
	California gold	C, F	<i>Eunonymus kiatschovica</i>	Variegated evergreen eunonymus	C, F
	Pink pixie	C, F	<i>Eunonymus vegetus</i>	Spreading eunonymus	C, F
	Scarlet O'Hara	C, F	<i>Euryops pectinatus</i>	Bigleaf wintercreeper	C, F
	Temple fire	C, F	<i>Fatsyhedera japonica</i>	Dwarf euryops	C, F
	Texas dawn	C, F	<i>Fatsia japonica</i>		C, F
<i>Buxus x 'Green velvet'</i>	Green velvet boxwood	C, F	<i>Felicia amelloides</i>	Japanese aralia	C, F
<i>Buxus microphylla japonica</i>	Boxwood, Japanese	C, F	<i>Forsythia intermedia</i>	Blue marguerite	C, F
<i>Buxus microphylla Koreana</i>	Korean boxwood	F	<i>Forsythia x 'Spring glory'</i>	Forsythia, border	C, F
<i>Buxus sempervirens</i>	Boxwood, common	C, F	<i>Gardenia jasminoides</i>	Spring glory forsythia	C, F
<i>Callistemon citrinus</i>	Bottlebrush, lemon	C, F		August beauty gardenia	C, F
<i>Callistemon viminalis</i>	Weeping bottlebrush	C, F		Gardenia	C, F
<i>Calluna vulgaris</i>	spring torch scotch heather	C, F	<i>Gaultheria shallon</i>	Radican gardenia	C, F
<i>Camellia japonica</i>	Camellia	C, F	<i>Gelsemium sempervirens</i>	Sala/lemon leaf	C, F
<i>Caryopteris x clandonen</i>	Dark knight bluebeard	C, F	<i>Genista pilosa</i>	Carolina jessamine	C, F
<i>Cassia artemisioides</i>	Cassia, feathery	C, F	<i>Hibiscus rosa-sinensis</i>	Woodwaxen	C, F
<i>Ceanothus</i> spp.	Wild lilac	F	<i>Hibiscus syriacus</i>	Ross Estey-hibiscus	C, F
<i>Cephalotaxus drupacae</i>	Plum yew	C, F		Rose of Sharon, Red Bird	C, F
<i>Cerastium tomentosum</i>	Snow-in-summer	C, F		Rose of Sharon, Red Heart	F
<i>Chamaecyparis obtusa</i>	Kosteri cypress	C, F		Rose of Sharon, Woodbridge	C, F
	Nana-dwarf Hinoki cypress	C, F	<i>Ilex aquifolium</i>	Rose of Sharon, Aphrodite	C, F
	Torulosa cypress	C, F		Rose of Sharon, Helene	F
<i>Chamaecyparis pisifera</i>	baileyi-dogwood	F	<i>Ilex aquiperyni</i>	Balkans holly	F
	Flaviramea-dogwood	F	<i>Ilex attenuata</i>	Gold coast holly	F
	Squarrosa Minima cypress	C, F	<i>Ilex cornuta</i>	San Jose holly	C, F
<i>Chamaecyparis pisifera</i> spp.	Filifera-thread cypress	C, F		Savannah holly	C, F
<i>Chrysalidocarpus lutescens</i>	Areca palm	F		Burford holly	C, F
<i>Clethra alnifolia</i>	Summersweet	F		dwarf Burford holly	C, F
<i>Cleyera japonica</i>	Cleyera, Japanese	C, F	<i>Ilex crenata</i>	needle point holly	C, F
<i>Coleonema pulchrum</i>	Pink breath of heaven	C, F	<i>Ilex crenata</i>	Compacta-dwarf Japanese holly	C, F
<i>Convolvulus cneorum</i>	Bush morning glory	C, F		Convexa holly	C, F
<i>Cornus alba</i>	Sibirica-Siberian dogwood	C, F		Dwarf Chinese holly	C, F
<i>Cornus stolonifera</i>	Bailey-red-osier dogwood	F		Green lustre holly	C, F
	Flaviramea-yellowtwig dogwood	F		Helleri-Heller's Japanese holly	C, F
<i>Cotinus coggygria</i>	Royal purple smoke tree	C, F	<i>Ilex glabra</i>	Hetzii's Japanese holly	C, F
<i>Cotinus dammeri</i>	Coral beauty smoke tree	C, F		Stokesii Japanese holly	C, F
				compacta-compact inkberry holly	C, F
				Nordica-inkberry holly	C, F

Scientific Name	Common Name		Scientific Name	Common Name			
<i>Ilex meserveae</i>	Blue boy holly	C, F	<i>Rhaphiolepis ovata</i>	Rhaphiolepis (India hawthorn)	C, F		
	Blue girl holly	C, F		Springtime-Monme rhaphiolepis	F		
	China boy holly			Roundleaf rhaphiolepis	C, F		
	China girl holly			Cannon's double azalea	C, F		
	Ebony magic holly	F		Flame azalea	F		
<i>Ilex vomitoria</i>	Nana-dwarf yaupon holly	C, F	<i>Rhododendron calendulaceum</i>	Golden flare azalea	C, F		
	Pendula-weeping yaupon holly	C, F		Klondike azalea	C, F		
	yaupon holly	C, F		Butterfly rhododendron	F		
	Mystery gardenia	C, F		PJM rhododendron	C, F		
	Henry Garnet holly leaf sweetspire	C, F					
<i>Illicium annisatum</i>	Ixora	C, F	<i>Rhododendron catawbiense</i>	Catawba album rhododendron	C, F		
	hollywood juniper	C, F		Catawba rhododendron	C, F		
	Media-old gold juniper	C, F		Lord Roberts rhododendron	C, F		
	pfitzer juniper	C, F		Rocket rhododendron	C, F		
	Pfitzerana glauca-blue juniper	C, F		Cunningham White rhododendron	C, F		
<i>Juniperus chinensis</i>	Pfitzerana-pfitzer juniper	C, F	<i>Rhododendron caucasicum x ponticum</i>				
	Sea green juniper	F		<i>Rhododendron exbury</i>	Cannon's double azalea	C, F	
	Torulosa-hollywood juniper	C, F			Golden flare azalea	C, F	
	Emerald sea shore juniper	C, F			Klondike azalea	C, F	
	Shore juniper	C, F			Gomer Waterer rhododendron	C, F	
<i>Juniperus conferta</i>	Andorra juniper	C, F	<i>Rhododendron forrestii repens</i>		Elizabeth rhododendron	C, F	
	Bar Harbor juniper	C, F					
	Blue chip juniper	C, F		<i>Rhododendron forrestii x griersonianum</i>			
	Blue rug juniper	C, F			<i>Rhododendron griffithianum</i>	Jean Marie rhododendron	C, F
	Creeping juniper	C, F				America rhododendron	C, F
Dwarf Andorra juniper	C, F	English Roseum rhododendron	F				
Huntington blue juniper	C, F	Nova Zembla rhododendron	C, F				
<i>Juniperus conferta</i>	Plumosa-Andorra juniper	C, F	<i>Rhododendron indicum</i>	Scintillation rhododendron		C, F	
	Wiltonii-blue carpet juniper	C, F		Rhododendron	C, F		
	Nana-dwarf Japaneses garden juniper	C, F		Formosa azalea	C, F		
				Waucabusa azalea	C, F		
				Blue danube azalea	C, F		
<i>Juniperus procumbens</i>	Prostrata juniper	C, F	<i>Rhododendron kaempferi</i>	Coral bells azalea	C, F		
	Broadmoor juniper	C, F		Hino crimson azalea	C, F		
	Foemina-Hicks juniper	C, F		Hino pink azalea	C, F		
	Savin juniper	C, F		Mildred azalea	C, F		
	Tamariscifolia-Tam juniper	C, F		Snow azalea	C, F		
<i>Juniperus prostrata</i>	Emerald green juniper	F	<i>Rhododendron maximum</i>	Rhodie max (rosebay)	C, F		
	Blue juniper	C, F		Rhododendron	F		
	Blue star juniper	C, F		Rhododendron mucronulatum	Rhododendron	F	
	Parsonii juniper	C, F		Rhododendron obtusum	Hino-crimson azalea	C, F	
	Laurel, mountain	C, F		Rhododendron ponticum	Chionoides rhododendron	C, F	
<i>Juniperus squamata</i>	Crape myrtle	C, F	<i>Rhododendron ponticum</i>	Daphnoides rhododendron	C, F		
	Lantana	C, F		Rhododendron x 'purple gem'	Purple gem rhododendron	C, F	
	English lavender	C, F		Rhododendron racemosum	Dwarf scarlet wonder rhododendron	C, F	
	English spike lavender	C, F					
	English lavender	C, F					
<i>Kalmia latifolia</i>	Triby rhododendron	C, F	<i>Rhododendron sassthigiatim x carolinianum</i>	Unique rhododendron	C, F		
	Leucospermum scoparium	C, F		<i>Rhododendron satuski</i>	Vulcan rhododendron	C, F	
	Leucothoe axillaris	C, F			Ramapo rhododendron	C, F	
	Leucothoe fontanesiana	C, F					
	Ligustrum japonicum	C, F			Gumpo pink azalea	C, F	
<i>Ligustrum lucidum</i>	Privet, Japanese	C, F	<i>Rhododendron spp. hybrids</i>		Higasa azalea	F	
	wax ligustrum	C, F		Reijn azalea	C, F		
	yellow tip ligustrum	C, F		Carror azalea	C, F		
	Privet, glossy	C, F		Fashion azalea	C, F		
	Ligustrum ovalifolium	F		Gerard Christina azalea	C, F		
<i>Ligustrum texanum</i>	California privet	C, F	<i>Rhododendron x 'purple gem'</i>	Girard Roberta azalea	C, F		
	Howardi privet	C, F		Golden flare exbury azalea	C, F		
	wax leaf privet	C, F		Helmut vogel azalea	F		
	Privet, golden	F		Hersey red azalea	F		
	Vicary golden privet	F		Hot shot azalea	C, F		
<i>Ligustrum vulgare</i>	Lodense privet	C, F	<i>Rhododendron x 'purple gem'</i>	Hume azalea	C, F		
	Livistona chinensis	F		Inga azalea	F		
	Lonicera chinensis	C, F		Irene Koster azalea	C, F		
	Lonicera fragrantissima	C, F		President Clay azalea	C, F		
	Lonicera periclymenum	C, F		Tradition azalea	C, F		
<i>Lonicera sempervirens</i>	Chinese fountain palm	F	<i>Rhus lancea</i>	Sumac, African	C, F		
	Winter honeysuckle	C, F		Rosa rugosa	Ramanas rose	C, F	
	Flowering woodbine	C, F		Rosmarinus officinalis	Rosemary	C, F	
	Serotina woodbine	C, F		Senecio cineraria	Dusty-miller/silver ragweed	C, F	
	Trumpet honeysuckle	C, F		Skimmia japonica	Japanese skimmia	C, F	
<i>Loropetalum chinense</i>	Fringe flower	C, F	<i>Skimmia revesiana</i>	Reeve's skimmia	C, F		
	Dwarf Oregon grape	C, F		Solanum rantonetii	Paraguay nightshade	C, F	
	Leather leaf mahonia	C, F		Spiraea bumalda	Anthony Waterer spiraea	C, F	
	Creeping mahonia	C, F		Spiraea x cinerea 'Grefsheim'	First snow spiraea	C, F	
	Wax myrtle	C, F		Spiraea japonica	Dolchia spiraea	C, F	
<i>Mahonia aquifolium compacta</i>	Compacta-dwarf heavenly bamboo	C, F	<i>Spiraea vanhouttei</i>	Japanese alpine spiraea	C, F		
	Harbour dwarf-heavenly bamboo	C, F		Shirobana spiraea	C, F		
	Heavenly bamboo (Nandina)	C, F		Bridal wreath	C, F		
	Nana compacta-heavenly bamboo	C, F		Syringa rothomagensis	Chinese lilac	C, F	
	Nana purpurea-heavenly bamboo	C, F		Syringa vulgaris	Lilac, common	F	
<i>Nandina domestica</i>	Woods dwarf-heavenly bamboo	C, F	<i>Syringa x 'purple gem'</i>	Yew, Japanese	F		
	Hardy red oleander	C, F		Tecomaria capensis	Cape honeysuckle	C, F	
	Oleander	C, F		Ternstroemia gymnanthera	Ternstroemia, Japanese	C, F	
	Ruby lace oleander	C, F		Thuja occidentalis	Emerald arborvitae	C, F	
	Fortunes osmanthus	C, F			Globosa-globe arborvitae	C, F	
<i>Osmanthus fortunei</i>	Snowdrift lily-of-the-valley	C, F	<i>Thuja orientalis</i>	Little giant-dwarf arborvitae	C, F		
	Pachysandra terminalis	C, F			Nigra-dwarf American arborvitae	C, F	
	Japanese spurge	C, F			Pyramidalis arborvitae	C, F	
	Phoenix roeloelenii	C, F			Rheingold arborvitae	C, F	
	Photinia fraseri	C, F			Techny arborvitae	F	
<i>Pieris japonica</i>	Lily-of-the-valley	C, F	<i>Veitchia merrilli</i>	Woodwardii arborvitae	C, F		
	Mountain fire lily-of-the-valley	C, F		<i>Viburnum bohnantense</i>	Aureus nana-dwarf golden arborvitae	C, F	
	Snowdrift lily-of-the-valley	C, F				Minima glauca-dwarf arborvitae	C, F
	Temple bells lily-of-the-valley	C, F				Christmas palm	C, F
	Valley rose lily-of-the-valley	C, F				Pink dawn viburnum	C, F
<i>Pieris japonica x forestii</i>	Valley valentine lily-of-the-valley	C, F	<i>Viburnum carlesii</i>		Koreanspice viburnum	C, F	
	Forest flame lily-of-the-valley	C, F		Viburnum davidii	Dwarf viburnum	C, F	
	Mugo-mugho pine	C, F		Viburnum japonicum	Viburnum	F	
	Green pittosporum	C, F		Viburnum judd (v. X juddii)	Viburnum	C, F	
	Pittosporum tobira	C, F		Viburnum lantana	Wayfaring tree	F	
<i>Plumbago auriculata</i>	Wheeler's dwarf pittosporum	C, F	<i>Viburnum opulus sterile</i>	Common snowball viburnum	F		
	Blue cape plumbago	F		Viburnum plicatum tomentosum	Doublefile viburnum	C, F	
	Plumbago	C, F		Viburnum setigerum	Tea viburnum	F	
	Podocarpus macrophyllus	C, F		Viburnum tinus compactum	Spring bouquet viburnum	F	
	Yewpine	C, F		Viburnum trilobum	Cranberry bush	C, F	
<i>Plumbago capensis</i>	Sweet pea shrub	C, F	<i>Viburnum trilobum compactum</i>	Dwarf cranberry bush	C, F		
	Tassel fern	C, F			Viburnum	C, F	
	Cinquefoil	F			Bristol ruby weigela	C, F	
	Cinquefoil	C, F			Java red weigela	C, F	
	Gold drop potentilla	F			Minuet weigela	C, F	
<i>Polygala dalmaisiana</i>	Goldfinger potentilla	C, F	<i>Xylosma congestum</i>	Xylosma	F		
	Red ace potentilla	C, F			Yucca	C, F	
	Sunset potentilla	C, F					
	Tangerine potentilla	C, F					
	Spring cinquefoil	C, F					
<i>Potentilla fruticosa</i>	Viburnum tinus compactum	C, F	<i>Yucca filamentosa</i>				
	Spring bouquet viburnum	F					
	Cranberry bush	C, F					
	Dwarf cranberry bush	C, F					
	Viburnum	C, F					
<i>Potentilla verna</i>	Red elf hybrid pyracantha	F					
	Rutgers hybrid pyracantha	C, F					
	Santa Cruz pyracantha	C, F					
	Victory pyracantha	F					
	Charisma-Monruce rhaphiolepis	C, F					
<i>Rhaphiolepis indica</i>	Enchantress-Moness rhaphiolepis	F					

GROUND COVERS/ PERENNIALS	Recommended Treatment Method: C = Container Grown F = Field Grown		Scientific Name	Common Name
<b>Scientific Name</b>	<b>Common Name</b>			
<i>Achillea millefolium</i>	Common yarrow	C, F	<i>Heuchera americana</i>	Palace purple
<i>Agapanthus africanus</i>	Lily of the Nile	C, F	<i>Heuchera micrantha</i>	Coral bells
<i>Agapanthus "Peter Pan"</i>		C, F	<i>Hippeastrum hybrid</i>	Amaryllis
<i>Aistromeria aurea</i>	Peruvian lily	C, F	<i>Hosta "Francee"</i>	Francee plantain lily
<i>Ammophila breviligulata</i>	Beechgrass	C, F	<i>Hosta "lancifolia"</i>	Albo-marginata hosta
<i>Antirrhinum majus</i>	Snapdragon	C, F	<i>Hosta "Patriot"</i>	Patriot plantain lily
<i>Arctotheca calendula</i>	Cape weed	F	<i>Hymenoxys acaulis</i>	Angelita daisy
<i>Argyranthemum frutescens</i>	Paris daisy	C, F	<i>Hypericum</i> spp.	St. Johnswort
<i>Artemisia schmidtiana</i>	Angels' hair	C, F	<i>Impatiens wallerana</i>	Busy lizzie
<i>Asparagus retrofractus</i>	Fern	C, F	<i>Iris pumila</i>	Yellow dwarf bearded iris
<i>Asteriscus maritimus</i>	Gold coin daisy	C, F	<i>Iris siberica</i>	Blue siberian iris
<i>Astilbe Deutschland</i>	Deutschland astilbe	C, F	<i>Jasminum nitidum</i>	Angelwing jasmine
<i>Asparagus retrofractus</i>	(No common name)	C, F	<i>Lampranthus spectabilis</i>	Trailing iceplant
<i>Asparagus variegata</i>	Tree fern	C, F	<i>Leptospermum scoparium</i>	Broom leatree/manuka
<i>Aster novae-angliae</i>	New England aster	C, F	<i>Liatris spicata</i>	Gay feather
<i>Aster novi-belgii</i>	New York aster	C, F	<i>Limonium perezii</i>	Statice
<i>Begonia cordifolia</i>	Heartleaf begonia	C, F	<i>Liriope gigantea</i>	White lily turf
<i>Begonia semperflorens</i>	White ambassador begonia	C, F	<i>Liriope muscari</i>	Lilac beauty lily turf
<i>Bidens ferulifolia</i>	Peter's Gold Bidens	C, F		Majestic lily turf
<i>Brachycome x 'New Amethyst'</i>	Swan River Daisy New Amethyst	C, F		Monroe white lily turf
<i>Callistephus chinensis</i>	China aster	C, F		Silvery sunproof lily turf
<i>Carex</i> spp.	Variegated carex	C, F	<i>Liriope spicata</i>	Variegated liriope lily turf
<i>Carpobrotus edulis</i>	Ice plant, largeleaf (see label)	F	<i>Lobelia erinus</i>	Big blue lily turf
<i>Catharanthus roseus</i>	Madagascar periwinkle	C, F	<i>Lobularia maritima</i>	green/creeping lily turf
<i>Cerastium tomentosum</i>	Snow in the summer	C, F	<i>Lonicera japonica</i>	Lobelia
<i>Ceratostigma plumbaginoides</i>	Dwarf plumbago	C, F	<i>Lysimachia punctata</i>	Sweet alyssum
<i>Chrysanthemum morifolium</i>	Florist's chrysanthemum	C, F	<i>Malthiola incana</i>	Honeysuckle, Japanese
<i>Chrysanthemum</i> sp.	Chrysanthemum species	C, F	<i>Miscanthus sinensis</i>	Dotted loosestrife
<i>Clematis integrifolia caerulea</i>	Blue bell clematis	C, F	<i>Monarda didyma</i>	Stock
<i>Clematis miniata</i>	Kafir lilly	C, F	<i>Moraea iridoides</i>	Euallia grass
<i>Coreopsis verticillata</i>	Coreopsis, threadleaf	C, F	<i>Oenothera speciosa</i>	Bee balm
<i>Cortaderia selloana</i>	Pampas grass	C, F	<i>Ophiopogon japonicus</i>	African iris
<i>Cuphea hyssopifolia</i>	False or Mexican heather	C, F		Siskiyoo evening primrose
<i>Cyperus albostratus</i>	Dwarf umbrella grass	C, F	<i>Osteospermum fruticosum</i>	Dwarf Mondo grass
<i>Dahlia x 'Royal dahlia pink'</i>	Dwarf dahlia Wendy pink	C, F	<i>Pachysandra terminalis</i>	Mondo grass
<i>Delosperma alba</i>	White iceplant	F	<i>Parthenocissus quinquefolia</i>	Freeway daisy
<i>Descampsia caespitosa</i>	Descampsia	C, F	<i>Pelargonium x hortorum</i>	Japanese spurge
<i>Dianthus gratianopolitanus</i>	Crimson treasure cheddar pink	C, F	<i>Pelargonium peltatum</i>	Virginia creeper
<i>Dietes vegeta</i>	Fortnight lily	C, F	<i>Pennisetum alopecuroides</i>	Zonal geranium
<i>Drosanthemum floribundum</i>	Trailing rosea iceplant	F	<i>Pennisetum setaceum</i>	Ivy geranium
<i>Drosanthemum hispidum</i>	Iceplant	C, F	<i>Pentas lanceolata</i>	Fountain grass
<i>Ensete ventricosum</i>	Red abyssinian banana	C, F	<i>Penstemon x 'Apple blossom'</i>	Chrimson fountaingrass
<i>Equisetum scirpoides</i>	Dwarf horsetail	C, F	<i>Penstemon gentianoides</i>	Star cluster
<i>Erianthus ravennae</i>	Hardy pampasgrass	C, F	<i>Perovskia atriplicifolia</i>	Apple blossom penstemon
<i>Erysimum "Bowles mauve"</i>	Wallflower	C, F	<i>Petunia</i> -hybrids	Hartwig penstemon
<i>Euryops pectinatus</i>	Dwarf euryops	C, F	<i>Phalaris arundinacea picta</i>	Russian sage
<i>Estoma grandiflorum</i>	Pink lisianthus	C, F	<i>Ratibida columnifera</i>	Garden petunias
<i>Festuca ovina glauca</i>	Blue fescue	C, F	<i>Rudbeckia fulgida</i>	Ribbon grass
<i>Fuchsia x 'Santa Claus'</i>	Santa Claus Fuchsia	C, F	<i>Rudbeckia hirta</i>	Mexican hat
<i>Gaillardia aristata</i>	Blanket flower	C, F	<i>Ruellia brittoniana</i>	Blackeyed Susan
<i>Gaillardia grandiflora</i>	Goblin blanket flower	C, F	<i>Salvia grahamii</i>	Blackeyed Susan
<i>Gaura lindheimeri</i>	Gaura	C, F	<i>Salvia leucantha</i>	Dwarf Katie ruellia
<i>Gazania rigens leucolaena</i>	Gazania, trailing	C, F	<i>Sedum x 'Autumn Joy'</i>	Graham's sage
<i>Gazania</i> spp.	Gazania	C, F	<i>Sedum x 'Vera jameson'</i>	Mexican bush sage
<i>Geranium incanum</i>	Cranesbill	C, F	<i>Targetes patula 'Little hero'</i>	Autumn joy stonecrop
<i>Geranium subcaulescens</i>	Black eyed magenta cranesbill	C, F	<i>Trachelospermum asiaticum</i>	Vera jameson stonecrop
<i>Hakonechloa macroaureola</i>	Golden hakonechloa	C, F	<i>Tulbaghia violacea</i>	Little hero marigold
<i>Hedera canariensis</i>	Ivy, Algerian	F	<i>Verbena peruviana</i>	Asaian jasmine
<i>Hedera helix</i>	Ivy, English	C, F	<i>Vinca major</i>	Society garlic
<i>Helichrysum petiolatum</i>	White licorice plant	C, F	<i>Vinca minor</i>	St. Paul verbena
<i>Hemerocallis</i> spp.	Daylily	C, F	<i>Vinca</i> spp.	Periwinkle, bigleaf
<i>Hesperaloe parviflora</i>	Red yucca	C, F	<i>Zinnia elegans</i>	Periwinkle, dwarf
		C, F		F

NON-BEARING FRUIT AND NUT TREES AND NON-BEARING VINEYARDS*	Recommended 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.						
<b>Common Name</b>									
almond	F	boysenberry	F	fig	F	orange	F	pomegranate	F
apple	F	cherry, sour	F	filbert	F	lemon	F	peach	F
apricot	F	cherry, sweet	F	gooseberry	F	loganberry	F	pear	F
avocado	F	currant	F	grape, American	F	macadamia nut	F	pecan	F
blackberry	F	dewberry	F	grape, European	F	nectarine	F	pistachio	F
		elderberry	F	grapefruit	F	olive	F	plum	F

**Ornamental Bulbs**

Do not use Woodace Preen Plus in bulb production fields. For use in landscape settings only.

Woodace Preen Plus may be applied for control of susceptible annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil (narcissus), hyacinth and tulip.

Apply Woodace Preen Plus to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. Woodace Preen Plus may also be applied following bulb emergence but prior to flowering and after flowering. For fall planted bulbs, apply Woodace Preen Plus 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 stems are less than one inch in diameter.

Do not apply to bulbs while they are flowering.

**Shadehouse Areas**

Woodace Preen Plus 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**

Woodace Preen Plus 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 Woodace Preen Plus 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.

**WARRANTY**

**IMPORTANT: READ BEFORE USE**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Lebanon Seaboard Corporation. All such risks shall be assumed by the user or buyer.

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