

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

April 24, 2017

Jeanette Covert
Authorized Representative for
Lebanon Seafood Corporation
c/o Product & Regulatory Associates, L.L.C.
P. O. Box 1683
Voorhees, NJ 08053-9998

Subject: Label Amendment – Reformatted and Labeling Clean-Up

Product Name: Lebanon Preen Pro 1.875G

EPA Registration Number: 961-370 Application Date: 08/22/2016 Decision Number: 520952

Dear Ms. Covert:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. If you have any questions, please contact Kathryn Montague at (703)305-1243 or by email at montague.kathryn@epa.gov.

Sincerely,

Kathryn V. Montague Product Manager 23 Herbicides Branch

Registration Division (7505P) Office of Pesticide Programs

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Enclosure

Lebanon

Group 3 21 HERBICIDES

Preen Pro 1.875G

[Alternate Brand Names Pro Preen Woodace Preen Plus]

Active Ingredients:

Contains .375 pounds active ingredient per 20 pound bag. U.S. Patent 4,636,243 and 5,086,184 Trifluralin CAS. No. 1582-09-8 Isoxaben CAS. No. 82558-50-7

EPA Reg. No. 961-370

(L) (D)

EPA Est. No. 961-PA-01: 961-IL-01

Superscript used is first letter of lot number.

Manufactured by:

LEBANON SEABOARD CORPORATION 1600 EAST CUMBERLAND STREET

LEBANON, PA 17042 www.LebanonTurf.com

Net Weight xxx (xx kg)

ACCEPTED

04/24/2017

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

961-370

A preemergence herbicide for control of certain listed 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

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 warranty section elsewhere on this label. If terms are unacceptable, return at once unopened.

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 water-proof 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.

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 water-proof 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 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.

CONTAINERHANDLING: Nonrefillable container. Do not reuse or refill this container.

Offering for recycling if available. Completely empty container into application equipment. Then dispose of the empty container in a sanitary landfill or by incineration, or if allowed by State and local authority by burning. If burned stay out of smoke.

Product Information

[LEBANON PREEN PRO 1.875G or 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 [LEBANON PREEN PRO 1.875G or this product] anytime prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with rate of [LEBANON PREEN PRO 1.875G or 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

[LEBANON PREEN PRO 1.875G or this product] controls weeds growing from seed. [LEBANON PREEN PRO 1.875G or This product] does not control established weeds, weeds growing from stolons, rhizomes, or root pieces. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings and trash should be removed or thoroughly mixed into soil prior to treatment. Soil should be in good condition and free of clods at the time of application. A single rainfall or sprinkler irrigation of 0.5 inches or more, or flood irrigation is required to activate [LEBANON PREEN PRO 1.875G or this product]. Optimum weed control is obtained when [LEBANON PREEN PRO 1.875G or 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, [LEBANON PREEN PRO 1.875G or 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 [LEBANON PREEN PRO 1.875G or this product] within 3 days of application may result in erratic control of annual grasses. Do not apply when wind conditions favor drift of [LEBANON PREEN PRO 1.875G or this product] granules from the target area.

Tolerance of Turfgrass Adjacent to Ornamental Plantings: Accidental application to turf may occur when applying [LEBANON PREEN PRO 1.875G or this product] to ornamental plantings. [LEBANON PREEN PRO 1.875G or 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 LEBANON PREEN PRO 1.875G

Users who wish to use [LEBANON PREEN PRO 1.875G or 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 targeted rate. Prior to treatment of larger areas, the treated plants should be observed for any sign of herbicidal injury for during 30 to 60 days of normal growing conditions to determine if the treatment is safe to the target plant species. The user assumes responsibility for any plant damage or other liability resulting from use of [LEBANON PREEN PRO 1.875G or this product] on plant species not listed on this label.

Use Restrictions

In Arizona: The state of Arizona has not approved [LEBANON PREEN PRO 1.875G or 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 [LEBANON PREEN PRO 1.875G or this product]. Do not apply over 800 pounds per acre total of [LEBANON PREEN PRO 1.875G or this product] within a 12-month period.

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

Do not aerially apply [LEBANON PREEN PRO 1.875G or 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 [LEBANON PREEN PRO 1.875G or 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 LEBANON PREEN PRO 1.875G

- When using a drop-type spreader, a splashboard mounted under the hopper will provide more even granule distribution.
- A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps.
- For treating smaller areas or rows of nursery stock or ornamental beds, a hand held or push-type rotary
 applicator such as a whirlybird or cyclone unit is 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 suggested for small, difficult to treat areas. Carefully measure the amount of product needed to avoid over application.
- The weight-to-volume conversion table below provides equivalent amounts of [LEBANON PREEN PRO 1.875G or this product].

LEBANON PREEN PRO 1.875G* 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 LEBANON PREEN PRO 1.875G = 0.75 quart = 3 cups

Weeds Controlled or Suppressed by LEBANON PREEN PRO 1.875G

Weeds controlled when applied at 133 lb per acre (3.1 lb/ 1000 sq ft)

Common NameScientific Nameaster, slenderAster exilisbarnyardgrassEchinochloa crus-gallibluegrass, annualPoa annuabursage, annualAmbrosia acanthicarpa

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celery, wildApium leptophyllumchickweed, commonStellaria mediaclover, whiteTrifolium repenscrabgrassDigitaria spp.

Gnaphalium purpureum cudweed, purple cupgrass, southwestern Eriochloa gracilis fiddleneck, coast Amsinckia intermedia Erodium cicutarium filaree, redstem fleabane, blackleaved Convza bonariensis fleabane, dwarf Conyza ramosissima foxtail, yellow Setaria glauca groundcherry, lanceleaf Physalis lanceifolia henbit Lamium amplexicaule

horseweed Convza canadensis junglerice Echinochloa colonum Polygonum aviculare knotweed, prostrate lambsquarters, common Chenopodium album mallow, little Malva parviflora mustard, Indian Brassica juncea mustard, wild Sinapis arvensis Solanum nigrum nightshade, black

oat, wild Avena fatua
panicum, fall Panicum dichotomiflorum
pepperweed, Virginia Lepidium virginicum
pigweed Amaranthus spp.

pineappleweed Matricaria matricarioides plantain, slender Plantago elongata purslane, common Portulaca oleracea radish, wild Raphanus raphanistrum ragweed, common Ambrosia artemisiifolia rocket, London Sisymbrium irio rockpurslane, desert Calandrinia ciliata shepherdspurse Capsella bursa-pastoris

sibara Sibara virginica

smartweed, Pennsylvania Polygonum pensylvanicum

sowthistle, annual Sonchus oleraceus speedwell, purslane Veronica peregrina sprangletop, Mexican Leptochloa univervia telegraphplant Heterotheca grandiflora

thistle, Russian Salsola iberica witchgrass Panicum capillare

In Addition to the Weeds Listed at the 1.33 lb/acre Rate, the Following Weeds Will Be Controlled at 200 lb/acre (4.6 lb/1000 sq ft)

Common NameScientific Nameaster, heathAster ericoidesbittercressCardamine oligosperma

bittercress, hairy Cardamine hirsuta brassbuttons, southern Cotula australis carrot, wild Daucus carota chamberbitter Phyllanthus urinaria chickweed, mouseear Cerastium vulgatum dandelion Taraxacum officinale eclipta Eclipta prostrata fireweed Erechtites hieracifolia foxtail, giant Setaria faberi

galinsoga, hairy
geranium, Carolina
groundsel, common
ladysthumb
lettuce, prickly
lovegrass

Galinsoga ciliata
Geranium carolinianum
Senecio vulgaris
Polygonum persicaria
Lactuca serriola
Eragrostis spp.

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mallow, dwarf Malva rotundifolia marestail Hippuris vulgaris mayweed Anthemis cotula morningglory, ivyleaf Ipomoea hederacea mustard, black Brassica nigra pennywort Hydrocotyle spp. Phyllanthus tenellus phyllanthus, long-stalk plantain, bracted Plantago aristata plantain, broadleaf Plantago major Plantago lanceolata plantain, buckhorn Phytolacca americana pokeweed, common

rockpurslane, redmaids Calandrinia ciliata var. menziesii

Lolium multiflorum ryegrass, annual sida, prickly Sida spinosa sorrell, red Rumex acetosella speedwell, thymeleaf Veronica serpyllifolia spurge, hyssop Euphorbia hyssopifolia Euphorbia maculata spurge, spotted sweetclover, yellow Melilotus officinalis tansymustard, green Descurainia pinnata velvetleaf Abutilon theophrasti woodsorrel, yellow Oxalis stricta

In Addition to the Weeds Listed at the 1.33 lb/acre and 200 lb/acre Rates, the Following Weeds Will Be Controlled at 267 lb/acre (6.1 lb/1000 sq ft)

Common NameScientific Namebarley, hareHordeum leporinumbromegrassBromus spp.

burclover, California Medicago polymorpha cheat Bromus secalinus datura Datura spp.

dogfennel Eupatorium capillifolium

eveningprimrose
fescue, rattail
filaree, whitestem
goosefoot, nettleleaf
goosegrass
jimsonweed
knotweed, silversheath

Oenothera spp.
Vulpia myuros
Erodium moschatum
Chenopodium murale
Eleusine indica
Datura stramonium
Polygonum argyrocoleon

kochia Kochia scoparia
medic, black Medicago lupulina
mullein, turkey Eremocarpus setigerus

nettle, burning Urtica urens nettle, stinging Urtica dioica oxtongue, bristly Picris echioides pimpernel, scarlet Anagallis arvensis Cenchrus incertus sandbur, field signalgrass Brachiaria spp. sowthistle, spiny Sonchus asper spurge, petty Euphorbia peplus spurge, prostrate Euphorbia humistrata stinkgrass Eragrostis cilianensis sunflower Helianthus spp. swinecress Coronopus didymus thistle, musk Carduus nutans Epilobium paniculatum willoweed, panicle Oxalis corniculata woodsorrel, creeping

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)

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

Labeled Uses

Ornamental Plantings

[LEBANON PREEN PRO 1.875G or This product] may be used as 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 crops, and non-bearing vineyards. Apply [LEBANON PREEN PRO 1.875G or 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 [LEBANON PREEN

PRO 1.875G or 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.
- groundcovers until they are established and well rooted.

Do not apply [LEBANON PREEN PRO 1.875G or this product] to newly transplanted ornamentals, nursery stock, Christmas trees, groundcovers, non-bearing fruit and nut trees and non-bearing vineyards until soil or potting media has been settled by packing and irrigation or rainfall and no cracks are present or injury may occur.

Repeat applications at 200 pounds per acre and higher should not be made sooner than 60 days after a previous application of [LEBANON PREEN PRO 1.875G or this product]. Do not apply over 800 lb per acre total of [LEBANON PREEN PRO 1.875G or 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 [LEBANON PREEN PRO 1.875G or this product] and use is not suggested.

Acanthus mollis (oak leaf acanthus)

Ajuga spp (bugle)

Arenaria montana (mountain sandwort)

Brassica spp. (mustard)

Dicentra luxuriant (luxuriant bleeding heart)

Digitalis purpurea(foxglove)

Echinacea purpurea (purple coneflower)

Euonymus alatus 'compacta' (dwarf burning bush)

Euphorbia spp.(spurge)

Geranium cinereum 'Ballerina' (ballerina cranesbill)

Gypsophila paniculata (white festival baby's breath)

Hydrangea spp. (hydrangea)

Iberis spp. (candytuft)

Juniperus horizontalis 'Prince of Wales' (prince of wales juniper)

Melaleuca quinquenervia (cajeput tree)

Phlox paniculata (summer phlox)

Pulmonaria longifolia (bertram anderson lingwort)

Rhododendron carolinianum (Carolina rhododendron)

Rhododendron catawbiense 'Roseum elegans' (roseum elegans rhododendron)

Sedum spp. (stonecrop)

Vinca minor 'Atropurpurea' (wine periwinkle)

Yucca recurvifolia (green yucca)

LEBANON PREEN PRO 1.875G 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	1 1014 0101111
Abies balsamea Abies concolor Abutilon hybridum	fir, balsam fir, white albus-flowering maple luteus-flowering maple roseus-flowering maple tangerine-flowering maple	C, F F C, F C, F C, F C, F
Acer gimmala Acer rubrum	vesuvius red-flowering maple flame maple red maple	F F F
Acer saccharinum Alsophila australis Areacastrum romanzoffianum Betula nigra Betula papyrifera Brachychiton populneus Bucida buceras Ceratonia siliqua Cercis canadensis	red sunset maple silver maple Australian tree fern queen palm birch, river paper birch bottle tree black olive carob redbud	C, F C, F C, F F C, F F C, F
Chamaecyparis obtusa Chamaecyparis obtusa Chamaecyparis pisifera	filicoides-fernspray cypress gracilis-slender hinoki cypres sawara-false cypress squarrosa-moss cypress	F s F F
Chamaedorea cataractarum	cat palm palm	F C, F
Chamaedorea costaricana Chamaedorea elegans Cornus florida	palm parlor palm cloud nine dogwood dogwood, flowering	C, F C, F C, F C, F
Crataegus viridis Cryptomeria japonica Cupaniopsis anacardioides Cupressocyparis x 'Emerald Isle' Cupressus arizonica Cupressus glabra Cupressus sempervirens	green hawthorn cryptomeria, Japanese carrot wood emerald island leyland cypre: Arizona cypress Arizona cypress Italian cypress	F C, F F

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Dicksonia antarctica	Tasmanian tree fern	C, F	
Elaeagnus angustifolia	Russian olive	C, F	
Elaegnus x 'Gilt edge'	gilt edge silverberry	C, F	
Eucalyptus camaldulensis	red gum eucalyptus	F.	
Eucalyptus cinerea	eucalyptus, mealy	F	
Eddaly place of force	silver dollar eucalyptus	F	
Eucalyptus microtheca	coolibah tree	C, F	
Eucalyptus sideroxylon	eucalyptus, red ironbark	F, I	
Ficus benjamina	ficus	C, F	
r icus berijariiria	mini ficus	C, F	
Fraxinus udhei	shamel ash		
		C, F F	
Ginkgo biloba Gleditsia triacanthos	ginkgo (maidenhair tree)	F	
Gleditsia triacaritrios	honey locust	г F	
l lata va ma ala a a vb tifla va	shademaster honey locust	F	
Heteromeles arbutiflora	toyon		
Illicium floridanum	Florida anise-tree	C, F	
Juniperus virginiana	redcedar, eastern	C, F	
Liquidambar styraciflua	sweetgum, American	F	
Magnolia grandiflora	magnolia, southern	C, F	
Morus alba	white mulberry	F	
Musa aluminata	banana	C, F	
Oxydendrum arboreum	sourwood	C, F	
Picea abies	pendula-weeping Norway spruce	C, F	
	repens-spreading Norway spruce	C, F	
	spruce, Norway	C, F	
Diago alougo	and an about Albanta annua	о г	
Picea glauca	conica-dwarf Alberta spruce	C, F	
Picea glauca conica	dwarf Alberta spruce	F	
Picea pungens	dwarf globe blue spruce	C, F	
	glauca-Colorado blue spruce	C, F	
	hoopsii-hoop's blue spruce	C, F	
	koster-koster blue spruce	F	
Pinus aristata	bristlecone pine	F	
Pinus canariensis	canary island pine	F	
Pinus contorta	shore pine, beach pine	F	
Pinus eldarica	eldarica pine	C, F	
Pinus leucodermis	Bosnian pine	C, F	
Pinus mugo	pumilio-shrubby swiss mountain pine	C, F	
Pinus nigra	Austrian black pine	C, F	
Pinus radiata	monterey pine	F	
Pinus strobus	eastern white pine	C, F	
Pinus strobus	white pine	C, F	
Pinus sylvestris	columnar Scotch pine	C, F	
-	Scotch pine	C, F	
Pinus thunbergiana	Japanese black pine	C, F	
Platanus occidentalis	American sycamore	F	
Platanus racemosa	Califorina sycamore	F	
Podocarpus spp.	podocarpus	F	
Populus deltoides	cottonwood	F	
Prosopis chilensis	Chilean mesquite	C, F	
Prunus yedoensis	yoshino flowering cherry	F	
Quercus ilicifolia	bear oak	F	
Quercus palustris	pin oak	F	
Quercus phellos	willow oak	C, F	
Quercus rubra	red oak	C, F	
Quercus virginiana	live oak	C, F	
Salix babylonica	babylon weeping willow	F, I	
Can babyioinoa	corkscrew willow	F	
Sequoiadendron giganteum	giant sequoia	F	
Swietenia mahogani	mahogany	F	
Tabebuia caraiba	yellow tab	F	
Tsuga canadensis	eastern hemlock	C, F	
Ulmus parvifolia	Chinese elm	F, F	
Olinas pai vilolia	Omnoso omn	•	

Shrubs

Treatment Method C = Container Grown F = Field Grown

F

	_	r = rieia G
Scientific Name	Common Name	
Abelia grandiflora	edward goucher abelia	C, F
3	glossy abelia	Ć, F
Acacia abyssinica	abyssinica acacia	C, F
Acacia redolens	acacia, prostrate	Ć, F
Acacia stenophylla	shoestring acacia	C, F
Acalypha wilkesiana	copper leaf	C, F
Acer ginnala	amur maple	C, F
Acer palmatum	coral bark Japanese maple	C, F
, <i>p</i>	dwarf Japanese maple	C, F
Agapanthus africanus	queen anne lily of the nile	C, F
Agave americana	century plant	F .
Anisodontea hypomandarum	cape mallow	C, F
Aptenia cordifolia	red apple aptenia	C, F
Ardisia japonica	chirimen marlberry	C, F
Astible arendsii	false spiraea	C, F
Astilbe chinensis	astilbe/false spirea	C, F
Athyrium nipponimcum	Japanese painted fern	C, F
Baccharis pilularis	coyotebush	F .
Berberis gladwynensii	william penn barberry	C, F
Berberis mentorensis	mentor barberry	C, F
Berberis thunbergii	aurea-golden Japanese barberry	F
Dorbone transcryn	crimson pygmy barberry	C, F
	rose glow barberry	C, F
	atropurea-redleaf Japanese barber	
	cherry bomb barberry	C, F
Bougainvillea spp.	barbara karst	C, F
Bouganvinca spp.	California gold	C, F
	pink pixie	C, F
	scarlet o'hara	C, F
	temple fire	C, F
	Texas dawn	C, F
Buxus x 'Green velvet'	green velvet boxwood	C, F
		C, F
Buxus microphylla japonica	boxwood, Japanese	С, г F
Buxus microphylla Koreana	Korean boxwood	
Buxus sempervirens	boxwood, common	C, F
Callistemon citrinus	bottlebrush, lemon	F
Callistemon viminalis	weeping bottlebrush	C, F
Calluna vulgaris	spring torch Scotch heather	C, F
Camellia japonica	camellia	C, F
Caryopteris x clandonen	dark knight bluebeard	C, F
Cassia artemisioides	cassia, feathery	C, F
Ceanothus spp.	wild lilac	F
Cephalotaxus drupacae	plum yew	C, F
Cerastium tomentosum	snow-in-summer	C, F
Chamaecyparis obtusa	kosteri cypress	C, F
	nana-dwarf hinoki cypress	C, F
	torulosa cypress	C, F
Chamaecyparis pisifera	baileyi-dogwood	F
	flaviramea-dogwood	F _
	squarrosa minima cypress	C, F
Chamaecyparis pisifera spp.	filifera-thread cypress	C, F
Chrysalidocarpus lutescens	areca palm	F
Clethra alnifolia	summersweet	C, F
Cleyera japonica	cleyera, Japanese	C, F
Coleonema pulchrum	pink breath of heaven	C, F
-		•

961-370 Lebanon Preen Pro 1.875G Am		0.5
Convolvlus cneorum	bush morning glory	C, F
Cornus alba	sibirica-Siberian dogwood	C, F
Cornus stolonifera	baileyi-red-osier dogwood	F
	flaviramea-yellowtwig dogwood	F
Cotinus coggygria	royal purple smoke tree	C, F
Cotinus dammeri	coral beauty smoke tree	C, F
	eichholz smoke tree	C, F
Cotoneaster adpressus	praecox-early cotoneaster	C, F
Cotoneaster apiculatus	cotoneaster, cranberry	C, F
Cotoneaster congestus	cotoneaster, Pyrenees	C, F
Cotoneaster dammeri	cotoneaster, bearberry	C, F
Cotoneaster himalayan	Himalayan cotoneaster	C, F
Cotoneaster horizontalis	cotoneaster, rock	C, F
Cotoneaster opiculata	cotoneaster	C, F
Cycas revoluta	sago palm	C, F
Cytisus praecox	hollandia-warminster broom	C, F
Cytisus scoparius	lena-Scotch broom	Ć, F
Cytisus spp.	holandia-Scotch broom	F [']
Daphne odora	fragrant daphne	C, F
Deutzia crenata	nakiana-dwarf deutzia	C, F
Deutzia gracilis	slender gracilis	C, F
Dodonea viscosa	hopseed bush	F.
Elaeagnus pungens	fruitland silver berry	C, F
Erica cinerea	purple bell heather	C, F
Erica vagans	cornish heather	C, F
Erica x darleyensa	Mediterranean pink heather	C, F
Eugenia myrtifolia	dwarf brush cherry	C, F
Euonymus x 'Aureo variegatus'	gold spot euonymus	C, F
Euonymus x 'Chollipo"	chollipo eunoymus	C, F
Euonymus fortunei	canadale gold euonymus	C, F
_aconyac ronac.	emerald'n gold euonymus	F.
	sunspot euonymus	C, F
Euonymus japonica	silver king euonymus	F.
_uonymuo japomou	variegated evergreen euonymus	C, F
Euonymus kiatschovica	spreading euonymus	C, F
Euonymus vegetus	bigleaf wintercreeper	C, F
Euryops pectinatus	dwarf euryops	C, F
Fatshedera japonica	awan oaryopo	C, F
Fatsia japonica	Japanese aralia	C, F
Felicia ameloides	blue marguerite	C, F
Forsythia intermedia	forsythia, border	C, F
Forsythia x 'Spring glory'	spring glory forsythia	C, F
Gardenia jasminoides	august beauty gardenia	C, F
Gardonia jaeminolaee	gardenia	C, F
	radican gardenia	C, F
Gaultheria shallon	salal/lemon leaf	C, F
Gelsemium sempervirens	Carolina jessamine	C, F
Genista pilosa	woadwaxen	C, F
Hibiscus rosa-sinensis	ross estey-hibiscus	C, F
Hibiscus syriacus	rose of sharon, red bird	C, F
Tibiscus syriacus	rose of sharon, red heart	F, I
	rose of sharon, woodbridge	С, F
	rose of sharon, woodbridge	٥, ١
	·	
llov oquifolium	rose of sharon, helene	F
llex aquifolium	Balkans holly	F F
llex aquipernyi	gold coast holly	C, F
πολ αγαιρεπτη	san jose holly	∪, г

privet, Japanese

Ligustrum japonicum

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	wax ligustrum	C, F		
	yellow tip ligustrum	C, F		
Ligustrum lucidum	privet, glossy	C, F		
Ligustrum ovalifolium	California privet	F _		
Ligustrum texanum	howardi privet	C, F		
	wax leaf privet	C, F		
Ligustrum vicaryi	privet, golden	F		
,	vicary golden privet	F		
Ligustrum vulgare	lodense privet	C, F		
Livistona chinensis	Chinese fountain palm	F		
Lonicera fragrantissima	winter honeysuckle	C, F		
Lonicera periclymenum	flowering woodbine	C, F		
	serotina woodbine	C, F		
Lonicera sempervirens	trumpet honeysuckle	C, F		
Loropetalum chinense	fringe flower	C, F		
Mahonia aquifolium compacta	dwarf Oregon grape	C, F C, F C, F		
Mahonia bealei	leather leaf mahonia	C, F		
Mahonia repens	creeping mahonia	C, F		
Myrica cerifera	wax myrtle	C, F		
Nandina domestica	compacta-dwarf heavenly bamboo	C, F		
	harbour dwarf-heavenly bamboo	C, F		
	heavenly bamboo (nandina)	C, F		
	nana compacta-heavenly bamboo	C, F		
	nana purpurea-heavenly bamboo	C, F		
	woods dwarf-heavenly bamboo	C, F		
Nerium oleander	hardy red oleander	C, F		
	oleander	C, F		
	ruby lace oleander	C, F		
Osmanthus fortunei	fortunes osmanthus	C, F C, F		
Pachysandra terminalis	Japanese spurge	C, F		
Phoenix roeloelenii	pigmy date palm	C, F		
Photinia fraseri	fraser's photinia	C, F		
Pieris japonica	lily-of-the-valley	C, F		
	mountain fire lily-of-the-valley	C, F		
	snowdrift lily-of-the-valley	C, F		
	temple bells lily-of-the-valley	C, F		
	valley rose lily-of-the-valley	C, F		
Diario iananiaa y faraatii	valley valentine lily-of-the-valley	C, F		
Pieris japonica x forestii	forest flame lily-of-the-valley	C, F		
Pinus mugo Pittosporum tobira	mugo-mugho pine green pittosporum	C, F		
Fillosporum tobira	wheeler's dwarf pittosporum	C, F C, F		
Plumbago ariculata	blue cape plumbago	F, 1		
Plumbago capensis	plumbago	C, F		
Podocarpus macrophyllus	yewpine	C, F		
Polygala dalmaisiana	sweet pea shrub	C, F		
Polystichum polyblepharum	tassel fern	C, F		
Potentilla fragiformis	cinquefoil	F.		
Potentilla fruticosa	cinquefoil	C, F		
	gold drop pontentilla	F.		
	goldfinger potentilla	C, F		
	red ace potentilla	Ć, F		
	sunset potentilla	C, F		
	tangerine potentilla	C, F		
Potentilla verna	spring cinquefoil	Ć, F		
Prunus gladulosa	dwarf pink flowering almond	C, F		
Pyracantha fortuneana	lolendei monrovia pyracantha	C, F		
	monon pyracantha	F		
	red elf hybrid pyrcantha	F		
	rutgers hybrid pyracantha	C, F		
	santa cruz pyracantha	C, F		

Rhaphiolepis indica	victory pyracantha charisma-monruce rhaphiolepis enchantress-moness rhaphiolepis rhaphiolepsis (India hawthorn)	F C, F F C, F
Rhaphiolepis ovata Rhododendron calendulaceum	springtime-monme rhaphiolepis roundleaf rhaphiolepis cannon's double azalea flame azalea golden flare azalea klondike azalea	C, F C, F F C, F C, F
Rhododendron campylocarpum Rhododendron carolinianum x daurium Rhododendron catawbiense	butterfly rhododendron PJM rhododendron catawba album rhododendron catawba rhododendron lord roberts rhododendron rocket rhododendron	F C, F C, F C, F C, F C, F
Rhododendron caucasium x ponticum Rhododendron exbury	cunningham white rhododendron cannon's double azalea golden flare azalea klondike azalea	C, F C, F C, F C, F
Rhododendron forrestii repens Rhododendron forrestii x griersonianum Rhododendron griffithianum Rhododendron hybrid spp.	gomer waterer rhododendron	C, F C, F C, F C, F C, F C, F
Rhododendron impeditum Rhododendron indica Rhododendron indica Rhododendron kaempferi Rhododendron kerume	rhododendron formosa azalea waucabusa azalea blue danube azalea coral bells azalea hino crimson azalea hino pink azalea mildred azalea snow azalea	C, F C, F C, F C, F C, F C, F C, F
Rhododendron maximum Rhododendron mucronulatum Rhododendron obtusum Rhododendron ponticum Rhododendron ponticum Rhododendron x 'purple gem' Rhododendron racemosum	rhodie max (rosebay) rhododendron hino-crimsom azalea chioniodes rhododendron daphinoides rhododendron purple gem rhododendron dwarf scarlet wonder rhododendron tribly rhododendron unique rhododendron vulcan rhododendron	C, F F C, F C, F C, F C, F C, F C, F
Rhododendron sassthigiatim x carolinianum Rhododendron satuski	ramapo rhododendron gumpo pink azalea higasa azalea reijn azalea	C, F C, F F C, F
Rhododendron spp. hybrids	carror azalea fashion azalea gerard christina azalea girard roberta azalea golden flare exbury azalea	C, F C, F F C, F F

	helmut vogel azalea	F
	hershey red azalea	F
	hot shot azalea	C, F
	hume azalea	F
	inga azalea	F
	irene koster azalea	C, F
	president clay azalea	C, F
	tradition azalea	C, F
Rhus lancea	sumac, African	C, F
Rosa rugosa	ramanas rose	C, F
Rosmarinus officinalis	rosemary	F, .
Senecio cineraria	dusty-miller/silver ragweed	C, F
Skimmia japonica	Japanese skimmia	C, F
Skimmia revesiana	reeve's skimmia	C, F
Solanum rantonetii		C, F
	Paraguay nightshade	C, F
Spiraea y sinaraa (Crafahaim)	anthony waterer spiraea	С, г
Spiraea x cinerea 'Grefsheim'	first snow spiraea	О Г
Spiraea japonica	dolchia spiraea	C, F
	Japanese alpine spiraea	C, F
0: " " "	shirobana spiraea	C, F
Spiraea vanhouttei	bridal wreath	C, F
Syringa rothomagensis	Chinese lilac	C, F
Syringa vulgaris	lilac, common	F
Taxus cuspidata	yew, Japanese	F _
Tecomaria capensis	cape honeysuckle	C, F
Ternstroemia gymnanthera	ternstroemia, Japanese	C, F
Thuja occidentalis	emerald arborvitae	C, F
	globosa-globe arborvitae	C, F
	little giant-dwarf arborvitae	C, F
	nigra-dark American arborvitae	C, F
	pyramidalis arborvitae	C, F
	rheingold arborvitae	C, F
	techny arborvitae	F
Thuja occidentalis	woodwardii arborvitae	C, F
Thuja orientalis	aureus nana-dwarf golden arborvitae	C, F
•	minima glauca-dwarf arborvitae	C, F
Veitchia merrilli	Christmas palm	F [']
Viburnum bodnantense	pink dawn viburnum	C, F
Viburnum carlesii	Koreanspice viburnum	C, F
Viburnum davidii	david viburnum	C, F
Viburnum japonicum	viburnum	F.
Viburnum judd (v. X juddii)	viburnum	C, F
Viburnum lantana	wayfaring tree	F.
Viburnum opulus sterile	common snowball viburnum	F
Viburnum plicatum tomentosum	doublefile viburnum	C, F
Viburnum setigerum	tea viburnum	F, i
		F
Viburnum tinus compactum	spring bouquet viburnum	
Viburnum trilobum	cranberry bush	C, F
Viburnum v progonog	dwarf cranberry bush	C, F
Viburnum x pragense	viburnum	C, F
Weigela florida	bristol ruby weigela	C, F
	java red weigela	C, F
Vida ana a an aratum	minuet weigela	C, F
Xylosma congestum	xylosma	F
Yucca filamentosa	yucca	C, F

Groundcovers/Perennials

Treatment Method: C = Container Grown F = Field Grown

Scientific Name	Common Name	r = rieid G
Colonimo Namo	Common Hame	
Achillea millefolium	common yarrow	C, F
Agapanthus africanus	lily of the nile	C, F
Agapanthus "Peter Pan"		C, F
Alstroemeria aurea	Peruvian lily	C, F
Ammophila breviligulata	beechgrass	C, F
Antirrhinum majus	snapdragon	C, F
Arctotheca calendula	cape weed	F
Argyranthemum frutescens	Paris daisy	C, F
Artemisia schmidtiana	angels' hair	C, F
Asparagus retrofractus	fern	C, F
Asteriscus maritimus	gold coin daisy	C, F
Astilbe Deutschland Asparagus retrofractus	deutschland astilbe	C, F C, F
Asparagus variegata	tree fern	C, F
Asparagus variegata Aster novae-angliae	New England aster	C, F
Aster novi-belgii	New York aster	C, F
Begonia cordifolia	heartleaf begonia	C, F
Begonia semperflorens	white ambassador begonia	C, F
Bidens ferulifolia	peter's gold bidens	C, F
Brachycome x 'New amethyst'	swan river daisy new amethyst	C, F
Callistepeus chinensis	China aster	C, F
Carex spp.	sedge	C, F
Carpobrotus edulis	ice plant, largeleaf	F .
Catharanthus roseus	Madagascar periwinkle	C, F
Cerastium tomentosum	snow in the summer	Ć, F
Ceratostigma plumbaginoides	dwarf plumbago	C, F
Chrysanthemum morifolium	florist's chrysanthemum	C, F
Chrysanthemum sp.	chrysanthemum species	C, F
Clematis integrifolia caerulea	blue bell clematis	C, F
Clivia miniata	kafir lily	C, F
Coreopsis verticillata	coreopsis, threadleaf	C, F
Cortaderia selloana	pampas grass	C, F
Cuphea hyssopifolia	false or Mexican heather	C, F
Cyperus albostriatus	dwarf umbrella grass	C, F
Dahlia x 'Royal dahlietta pink'	dwarf dahlia wendy pink	C, F
Delosperma alba	white iceplant	F _
Descampsia caespitosa	descampsia	C, F
Dianthus gratianopolitanus	crimson treasure cheddar pink	C, F
Dietes vegeta	fortnight lily	C, F
Drosanthemum floribundum	trailing rosea iceplant	F
Drosantheumum hispidum	iceplant	C, F
Ensete ventricosum	red abyssinian banana dwarf horsetail	C, F C, F
Equisetum scirpoides Erianthus ravennae	hardy pampasgrass	C, F
Erysimum "Bowles mauve"	wallflower	C, F
Euryops pectinatus	dwarf euryops	C, F
Eustoma grandiflorum	pink lisianthus	C, F
Festuca ovina glauca	blue fescue	C, F
Fuchsia x 'Santa Claus'	santa claus fuchsia	C, F
Gaillardia aristata	blanket flower	C, F
Gaillardia grandiflora	goblin blanket flower	C, F
g. a a a	g	٥, .

Gaura lindheimeri	gaura	C, F
Gazania rigens leucolaena	gazania, trailing	C, F
Gazania spp. Geranium incanum	gazania	C, F
	cranesbill	C, F C, F
Geranium subcaulescens Hakonechloa macroaureola	blackeyed magenta cranesbill golden hakonechloa	C, F
Hedera canariensis	ivy, Algerian	F, I
Hedera helix	ivy, English	C, F
Helichrysum petiolatum	white licorice plant	C, F
Hemerocallis spp.	daylily	C, F
Hesperaloe parviflora	red yucca	C, F
Heuchera americana	palace purple	C, F
Heuchera micrantha	coral bells	C, F
Hippeastrum hybrid	amaryllis	C, F
Hosta 'Francee'	francee plantain lily	C, F
Hosta lancifoila	albo-marginata hosta	C, F
Hosta 'Patriot'	patriot plantain lily	C, F
Hymenoxys acaulis	angelita daisy	C, F
Hypericum spp.	St. Johnswort	C, F
Impatiens wallerana	busy lizzie	C, F
Iris pumila	yellow dwarf bearded iris	C, F
Iris siberica	blue siberian iris	C, F
Jasminum nitidum	angelwing jasmine	C, F
Lampranthus spectabilis	trailing iceplant	F
Leptospermum scoparium	broom teatree/manuka	C, F
Liatris spicata	gay feather	C, F
Limonium perezii	statice	C, F
Liriope gigantea	white lily turf	C, F
Liriope muscari	lilac beauty lily turf	C, F
	majestic lily turf	C, F
	monroe white lily turf	C, F
	silvery sunproof lily turf	C, F
	variegated liriope lily turf	C, F
	big blue lily turf	C, F
Liriope spicata	green/creeping lily turf	C, F
Lobelia erinus	lobelia	C, F
Lobularia maritima	sweet alyssum	C, F
Lonicera japonica	honeysuckle, Japanese	F _
Lysimachia punctata	dotted loosestrife	C, F
Mathiola incana	stock	C, F
Miscanthus sinensis	eulalia grass	C, F
Monarda didyma	bee balm	C, F
Moraea iridiodes	African iris	C, F
Oenothera speciosa	siskiyou evening primrose	C, F
Ophiopogon japonicus	dwarf mondo grass	C, F
Ostooppormum frutioogum	mondo grass	C, F C, F
Osteospermum fruticosum Pachysandra terminalis	freeway daisy Japanese spurge	С, F
	Virginia creeper	C, F
Parthenocissus quinguefolia Pelargonium x hortorum	zonal geranium	C, F
Pelargonium peltatum	ivy geranium	C, F
Pennisetum alopecuroides	fountain grass	C, F
Pennisetum setaceum	chrimson fountaingrass	C, F
Pentas lanceolata	star cluster	C, F
Penstemon x 'Apple blossom'	apple blossom penstemon	C, F
Penstemon gentianoides	hartwig penstemon	C, F
garmanoidoo	ting portotorilori	٠, ١

Perovskia atriplicifolia Petunia-hybrids Phalaris arundinacea picta Ratibida columnifera Rudbeckia fulgida Rudbeckia hirta Ruellia brittoniana Salvia grahamii Salvia leucantha Sedum x 'Autumn joy' Sedum x 'Vera jameson' Targetes patula 'Little hero' Trachelospermum asiaticum Tulbaghia violacea Verbena peruviana Vinca major Vinca minor	Russian sage garden petunias ribbon grass Mexican hat blackeyed susan blackeyed susan dwarf katie ruellia graham's sage Mexican bush sage autumn joy stonecrop vera jameson stonecrop little hero marigold asian jasmine society garlic st. paul verbena periwinkle, bigleaf periwinkle, dwarf	C, C
Vinca minor Vinca spp.	periwinkle, dwarf periwinkle	
Zinnia elegans	dwarf zinnia	C, F

Non-Bearing Fruit and Nut Trees

Non-bearing Vineyards*

Treatment Method:
C = Container Grown
F = Field Grown

Common Name

plum	F
pomegranate	F
prune	F
raspberry	F
walnut, black	F
walnut, English	F

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

Ornamental Bulbs

Do not use [LEBANON PREEN PRO 1.875G or this product] in bulb production fields. For use in landscape settings only.

[LEBANON PREEN PRO 1.875G or 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 [LEBANON PREEN PRO 1.875G or this product] to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. [LEBANON PREEN PRO 1.875G or This product] may also be applied following bulb emergence but prior to flowering and after flowering. For fall planted bulbs, apply [LEBANON PREEN PRO 1.875G or 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

[LEBANON PREEN PRO 1.875G or 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.

Noncropland

[LEBANON PREEN PRO 1.875G or This product] is may be used as 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 [LEBANON PREEN PRO 1.875G or 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.

[Optional Warranty Warranty

IMPORTANT: READ BEFORE USE

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Pre-Emergent Control for Annual Grasses & Broadleaf Weeds in Shrub Beds & Ground Covers Lebanon Turf [placeholder logo]

Barcode