



wooddace®



wooddace®
Preen® plus

SPECIMEN LABEL

Preen® plus

FOR ANNUAL GRASS & BROADLEAF WEEDS IN ORNAMENTALS AND GROUND COVERS

Preen® plus
wooddace®

Active Ingredients:	1.500%
trifluralin	0.237%
isoxaben	98.125%
Other Ingredients	100.000%
Total	100.000%
Contains 375 pounds active ingredient per 20 pound bag.	
U.S. Patents 4,682,243 and 5,086,184	
Trifluralin CAS. No. 1582-09-8	(I) (D)
Isoxaben CAS. No. 82-558-50-7	EPA Est. 961-9A-01-961-L-01
EPA Reg. No. 961-270	Superscript used is first letter of lot number.

Preen® and Wooddace® 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 le 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 using this product, read Warranty Disclaimer, Inherent Risks of Use, and Labelation of Remedies 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 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) 208-1388 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. DRI may result in reduced germination or emergence of nontarget plants adjacent to treated areas. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

In case of emergency endangering the environment involving this product, call 1-800-962-5994.

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 statements 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.

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

Lebanon Seaboard Corporation
1600 East Cumberland Street • Lebanon, PA 17042
www.LebanonTurf.com

NET WT. 20 LBS. (9.09 KG)

AND 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. 82-558-50-7

EPA Est. 961-PA-01:961-IL-01

EPA Reg. No. 961-370

Superscript used is first letter of lot number.

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

- Landscape Ornamentals
- Christmas Tree Plantations
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- Non-bearing Vineyards
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In case of emergency endangering the environment involving this product, call 1-800-992-5994.

Directions for Use

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Read all Directions for Use carefully before applying.

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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.

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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 dust have settled.

Storage and Disposal

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

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

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

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

SPECIMEN LABEL

Lebanon Seaboard Corporation

1600 East Cumberland Street • Lebanon, PA 17042

www.LebanonTurf.com

General Instructions and Information

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

Preen Plus controls weeds growing from seed. 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 Preen Plus. Optimum weed control is obtained when 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, 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 Preen Plus within 3 days of application may result in erratic control of annual grasses. Do not apply when wind conditions favor drift of Preen Plus granules from the target area.

Tolerance of Turfgrass Adjacent to Ornamental Plantings

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

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

Use Restrictions

In Arizona: The state of Arizona has not approved 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 Preen Plus. Do not apply over 800 pounds per acre total of Preen Plus within a 12 month period.

Do not aerially apply Preen Plus.

Application Instructions

Apply 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 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 Preen Plus.

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 Preen Plus = 0.75 quart = 3 cups

Weeds Controlled or Suppressed by 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	knottedweed, prostrate	peppercow, Virginia	shepherdspurse	witchgrass
celery, wild	fleabane, blackleaved	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	
cutweed, 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

aster, heath	cupgrass,	henbit	nightshade, black	ragweed, common	sprangletop, Mexican
bittercress	dandelion	ladysthumb	mustard, black	rockpurslane,	spurge, spotted
bittercress, hairy	eclipta	lettuce, prickly	pennywort	redmaids	sweetclover, yellow
brassbuttons,	fireweed	lowgrass	phyllanthus, long-stalk	ryegrass, annual	tansymustard, green
southern	foxtail, giant	mallow, dwarf	plantain, bracted	sida, prickly	velvetleaf
carrot, wild	galinsoga, hairy	marestail	plantain, broadleaf	sorrell, 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	eveningprimrose	knotweed, silversheath	oxtongue, bristly	spurge, prostrate	woodsorrel, creeping
bromegrass	fescue, raitail	kochia	pimpernel, scarlet	stinkgrass	
brocflower, California	filaree, whitestem	medic, black	sandbur, field	sunflower	
cheat	goosefoot, nettleleaf	mullein, turkey	signalgrass	swinegrass	
datuna	goosegrass	nettle, burning	soybean, spiny	thistle, musk	
dogfennel	jmsonweed	nettle, stinging	spurge, petty	willoweed, panicle	

In Addition to the Weeds Controlled, the Following Weeds Will Be Partially Controlled or Suppressed at 267 lb/acre

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

Labeled Uses

Ornamental Plantings

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 crops, and non-bearing vineyards. Apply 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.

Scientific Name

<i>Ilex meserveae</i>	Blue boy holly	C, F
	Blue girl holly	C, F
	China boy holly	
	China girl holly	
	Ebony magic holly	F
<i>Ilex vomitoria</i>	Nana-dwarf yaupon holly	C, F
	Pendula-weeping yaupon holly	C, F
	yaupon holly	C, F
<i>Illicium annisatum</i>	Mystery gardenia	C, F
<i>Itea ilicifolia</i>	Henry Garnet holly leaf sweetspire	C, F
<i>Ixora collina</i>	Ixora	C, F
<i>Juniperus chinensis</i>	hollywood juniper	C, F
	Media-old gold juniper	C, F
	pfizer juniper	C, F
	Pfizerana glauca-blue juniper	C, F
	Pfizerana-pfizer juniper	C, F
	Sea green juniper	F
	Torulosa-hollywood juniper	C, F
	Emerald sea shore juniper	C, F
<i>Juniperus conferta</i>	Shore juniper	C, F
	Andorra juniper	C, F
<i>Juniperus horizontalis</i>	Bar Harbor juniper	C, F
	Blue chip juniper	C, F
	Blue rug juniper	C, F
	Creeping juniper	C, F
	Dwarf Andorra juniper	C, F
	Huntington blue juniper	C, F
	Plumosa-Andorra juniper	C, F
	Wiltonii-blue carpet juniper	C, F
<i>Juniperus procumbens</i>	Nana-dwarf Japaneses garden juniper	C, F
<i>Juniperus prostrata</i>	Prostrata juniper	C, F
<i>Juniperus sabina</i>	Broadmoor juniper	C, F
	Foemina-Hicks juniper	C, F
	Savin juniper	C, F
	Tamariscifolia-Tam juniper	C, F
<i>Juniperus scopulorum</i>	Emerald green juniper	F
<i>Juniperus squamata</i>	Blue juniper	C, F
	Blue star juniper	C, F
	Parsonii juniper	C, F
	Laurel, mountain	C, F
	Crape myrtle	C, F
	Lantana	C, F
<i>Kalmia latifolia</i>	English lavender	C, F
<i>Lagerstroemia indica</i>	English spike lavender	C, F
<i>Lantana</i> spp.	English lavender	C, F
<i>Lavandula angustifolia</i>	New Zealand tea tree	C, F
<i>Lavandula latifolia</i>	Leucothoe, coast	C, F
<i>Lavandula officianalis</i>	Leucothoe, drooping	C, F
<i>Leptospermum scoparium</i>	Privet, Japanese	C, F
<i>Leucothoe axillaris</i>	wax ligustrum	C, F
<i>Leucothoe fontanesiana</i>	yellow tip ligustrum	C, F
<i>Ligustrum japonicum</i>	Privet, glossy	C, F
	California privet	C, F
<i>Ligustrum lucidum</i>	Howardi privet	C, F
<i>Ligustrum ovalifolium</i>	wax leaf privet	C, F
<i>Ligustrum texanum</i>	Privet, golden	F
<i>Ligustrum vicaryi</i>	Vicary golden privet	F
<i>Ligustrum vulgare</i>	Lodense privet	C, F
<i>Livistona chinensis</i>	Chinese fountain palm	F
<i>Lonicera fragrantissima</i>	Winter honeysuckle	C, F
<i>Lonicera periclymenum</i>	Flowering woodbine	C, F
	Serotina woodbine	C, F
	Trumpet honeysuckle	C, F
<i>Lonicera sempervirens</i>	Fringe flower	C, F
<i>Loropetalum chinense</i>	Dwarf Oregon grape	C, F
<i>Mahonia aquifolium compacta</i>	Leather leaf mahonia	C, F
<i>Mahonia bealei</i>	Creeping mahonia	C, F
<i>Mahonia repens</i>	Wax myrtle	C, F
<i>Myrica cerifera</i>	Compacta-dwarf heavenly bamboo	C, F
<i>Nandina domestica</i>	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
<i>Nerium oleander</i>	Hardy red oleander	C, F
	Oleander	C, F
	Ruby lace oleander	C, F
<i>Osmanthus fortunei</i>	Fortunes osmanthus	C, F
<i>Pachysandra terminalis</i>	Japanese spurge	C, F
<i>Phoenix roebelenii</i>	Pigmy date palm	C, F
<i>Photinia fraseri</i>	Fraser's photinia	C, F
<i>Pieris japonica</i>	Lily-of-the-valley	C, F
	Lily-of-the-valley	C, F
	Snowdrift lily-of-the-valley	C, F
	Temple bells lily-of-the-valley	C, F
	Valley rose lily-of-the-valley	C, F
	Valley valentine lily-of-the-valley	C, F
	Forest flame lily-of-the-valley	C, F
<i>Pieris japonica x forestii</i>	Mugo-mugho pine	C, F
<i>Pinus mugo</i>	Green pittosporum	C, F
<i>Pittosporum tobira</i>		

Scientific Name

	Common Name	C, F
	Rhaphiolepis (India Hawthorn)	C, F
	Springtime-Momme raphiolepis	C, F
<i>Rhaphiolepis ovata</i>	Roundleaf raphiolepis	C, F
<i>Rhododendron calendulaceum</i>	Cannon's double azalea	C, F
	Flame azalea	F
	Golden flare azalea	C, F
	Klondike azalea	C, F
<i>Rhododendron campylocarpum</i>	Butterfly rhododendron	F
<i>Rhododendron carolinianum x daurium</i>	PJM rhododendron	C, F
<i>Rhododendron catawbiense</i>	Catawba album rhododendron	C, F
	Catawba rhododendron	C, F
	Lord Roberts rhododendron	C, F
	Rocket rhododendron	C, F
	Cuninham White rhododendron	C, F
<i>Rhododendron caucasicum x ponticum</i>	Cannon's double azalea	C, F
<i>Rhododendron exbury</i>	golden flare azalea	C, F
	Klondike azalea	C, F
<i>Rhododendron forrestii repens</i>	Gomer Waterer rhododendron	C, F
<i>Rhododendron forrestii x griersonianum</i>	Elizabeth rhododendron	C, F
<i>Rhododendron griffithianum</i>	Jean Marie rhododendron	C, F
<i>Rhododendron hybrid spp.</i>	America rhododendron	C, F
	English Roseum rhododendron	C, F
	Nova Zembla rhododendron	C, F
	Scintillation rhododendron	C, F
	Rhododendron	C, F
<i>Rhododendron impeditum</i>	Formosa azalea	C, F
<i>Rhododendron indica</i>	Waucabusa azalea	C, F
<i>Rhododendron indica</i>	Blue danube azalea	C, F
<i>Rhododendron kaempferi</i>	Coral bells azalea	C, F
<i>Rhododendron kerume</i>	Hino crimson azalea	C, F
	Hino pink azalea	C, F
	Mildred azalea	C, F
	Snow azalea	C, F
<i>Rhododendron maximum</i>	Rhodie max (rosebay)	C, F
<i>Rhododendron mucronulatum</i>	Rhododendron	C, F
<i>Rhododendron obtusum</i>	Hino-crimson azalea	C, F
<i>Rhododendron ponticum</i>	Chionoides rhododendron	C, F
<i>Rhododendron ponticum</i>	Daphnoides rhododendron	C, F
<i>Rhododendron x 'purple gem'</i>	Purple gem rhododendron	C, F
<i>Rhododendron racemosum</i>	Dwarf scarlet wonder rhododendron	C, F
	Tribly rhododendron	C, F
	Unique rhododendron	C, F
	Vulcan rhododendron	C, F
<i>Rhododendron sassthigiaticum x carolinianum</i>	Ranapo rhododendron	C, F
<i>Rhododendron satsuki</i>	Gumpo pink azalea	C, F
	Higasa azalea	F
	Reijn azalea	F
<i>Rhododendron spp. hybrids</i>	Carror azalea	C, F
	Fashion azalea	C, F
	Gerald Christina azalea	F
	Girard Roberta azalea	C, F
	Golden flare exbury azalea	F
	Helmut vogel azalea	F
	Hersey 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
<i>Rhus lancea</i>	Sumac, African	C, F
<i>Rosa rugosa</i>	Ramanas rose	C, F
<i>Rosmarinus officinalis</i>	Rosemary	C, F
<i>Senecio cineraria</i>	Dusty-miller/silver ragweed	C, F
<i>Skimmia japonica</i>	Japanese skimmia	C, F
<i>Skimmia revesiana</i>	Reeve's skimmia	C, F
<i>Solanum rantonellii</i>	Paraguay nightshade	C, F
<i>Spiraea bumalda</i>	Anthony Waterer spiraea	C, F
<i>Spiraea x cinerea 'Grefsheim'</i>	First snow spiraea	C, F
<i>Spiraea japonica</i>	Dolchia spiraea	C, F
	Japanese alpine spiraea	C, F
	Shirobana spiraea	C, F
	Bridal wreath	C, F
<i>Spiraea vanhouttei</i>	Chinese lilac	C, F
<i>Syringa rothomagensis</i>	Lilac, common	F
<i>Syringa vulgaris</i>	Yew, Japanese	F
<i>Taxus cuspidata</i>	Cape honeysuckle	C, F
<i>Tecomaria capensis</i>	Ternstroemia, Japanese	C, F
<i>Ternstroemia gymnanthera</i>	Emerald arborvitae	C, F
<i>Thuja occidentalis</i>	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
	Woodwardii arborvitae	C, F
<i>Thuja occidentalis</i>		

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<i>Acacia stenophylla</i>	Shoestring acacia	C, F	<i>Cotoneaster horizontalis</i>	Cotoneaster, rock	C, F
<i>Acalypha wilkesiana</i>	Copper leaf	C, F	<i>Cotoneaster opiculata</i>	Cotoneaster	C, C, F
<i>Acer ginnala</i>	Amur maple	C, F	<i>Cycas revoluta</i>	Sago palm	C, C, F
<i>Acer palmatum</i>	Coral bark Japanese maple	C, F	<i>Cytisus praecox</i>	Hollandia-warminster broom	C, C, F
	Dwarf Japanese maple	C, F	<i>Cytisus scoparius</i>	Lena-Scotch broom	C, C, F
	Queen Anne Lily of the Nile	C, F	<i>Cytisus spp.</i>	Hollandia-Scotch broom	F, C, F
<i>Agapanthus africanus</i>	Century plant	F	<i>Daphne odora</i>	Fragrant daphne	C, C, F
<i>Agave americana</i>	Cape mallow	C, F	<i>Deutzia crenata</i>	Nakiana-dwarf deutzia	C, C, F
<i>Anisodonta hypomandarum</i>	Red apple aptenia	C, F	<i>Deutzia gracilis</i>	Slender gracilis	C, C, F
<i>Aptenia cordifolia</i>	Chirimen marlberry	C, F	<i>Dodonaea viscosa</i>	Hopseed bush	F, C, F
<i>Ardisia japonica</i>	false spiraea	C, F	<i>Elaeagnus pungens</i>	Fruiland silver berry	C, C, F
<i>Astilbe arendsii</i>	Astilbe/false spirea	C, F	<i>Erica cinerea</i>	Purple bell heather	C, C, F
<i>Astilbe chinensis</i>	Japanese painted fern	C, F	<i>Erica vagans</i>	Cornish heather	C, C, F
<i>Athyrium nipponicum</i>	coyotebush	F	<i>Erica x darleyensa</i>	Mediterranean pink heather	C, C, F
<i>Baccharis pilularis</i>	William Penn barberry	C, F	<i>Eugenia myrtifolia</i>	Dwarf brush cherry	C, C, F
<i>Berberis gladwynensis</i>	Mentor barberry	C, F	<i>Euonymus x 'Aureo variegatus'</i>	Gold spot euonymus	C, C, F
<i>Berberis mentorensis</i>	Aurea-golden Japanese barberry	F	<i>Euonymus x 'Chollipo'</i>	Chollipo euonymus	C, C, F
<i>Berberis thunbergii</i>	Crimson pygmy barberry	C, F	<i>Euonymus fortunei</i>	Emerald'n gold euonymus	C, C, F
	Rose glow barberry	C, F		Sunspot euonymus	F, C, F
	Atropurea-redleaf Japanese barberry	F	<i>Euonymus japonica</i>	Silver king euonymus	F, C, F
	Cherry bomb barberry	C, F		Variigated evergreen euonymus	C, C, F
<i>Bougainvillea</i> spp.	Barbara Karst	C, F	<i>Euonymus kiatschovica</i>	Spreading euonymus	C, C, F
	California gold	C, F	<i>Euonymus vegetus</i>	Bigleaf wintercreeper	C, C, F
	Pink pixie	C, F	<i>Euryops pectinatus</i>	Dwarf euryops	C, C, F
	Scarlet O'Hara	C, F	<i>Fatsyhedera japonica</i>		C, C, F
	Temple fire	C, F	<i>Fatsia japonica</i>	Japanese aralia	C, C, F
	Texas dawn	C, F	<i>Felicia amelooides</i>	Blue marguerite	C, C, F
<i>Buxus x 'Green velvet'</i>	Green velvet boxwood	C, F	<i>Forsythia intermedia</i>	Forsythia, border	C, C, F
<i>Buxus microphylla japonica</i>	Boxwood, Japanese	C, F	<i>Forsythia x 'Spring glory'</i>	Spring glory forsythia	C, C, F
<i>Buxus microphylla Koreana</i>	Korean boxwood	F	<i>Gardenia jasminoides</i>	August beauty gardenia	C, C, F
<i>Buxus sempervirens</i>	Boxwood, common	C, F		Gardenia	C, C, F
<i>Callistemon citrinus</i>	Bottlebrush, lemon	F		Radican gardenia	C, C, F
<i>Callistemon viminalis</i>	Weeping bottlebrush	C, F	<i>Gaultheria shallon</i>	Salal/lemon leaf	C, C, F
<i>Calluna vulgaris</i>	spring torch scotch heather	C, F	<i>Gelsemium sempervirens</i>	Carolina jessamine	C, C, F
<i>Camellia japonica</i>	Camellia	C, F	<i>Genista pilosa</i>	Woadwaxen	C, C, F
<i>Caryopteris x clandonen</i>	Dark knight bluebeard	C, F	<i>Hibiscus rosa-sinensis</i>	Ross Estey-hibiscus	C, C, F
<i>Cassia artemisioides</i>	Cassia, feathery	C, F	<i>Hibiscus syriacus</i>	Rose of Sharon, Red Bird	C, C, F
<i>Ceanothus</i> spp.	Wild lilac	F		Rose of Sharon, Red Heart	F, C, F
<i>Cephalotaxus drupacae</i>	Plum yew	C, F		Rose of Sharon, Woodbridge	C, F
<i>Cerastium tomentosum</i>	Snow-in-summer	C, F		Rose of Sharon, Aphrodite	
<i>Chamaecyparis obtusa</i>	Kosteri cypress	C, F		Rose of Sharon, Helene	
	Nana-dwarf Hinoki cypress	C, F	<i>Ilex aquifolium</i>	Balkans holly	F
	Torulosa cypress	C, F		Gold coast holly	F, C, F
<i>Chamaecyparis pisifera</i>	baileyi-dogwood	F	<i>Ilex aquipernyi</i>	San Jose holly	C, C, F
	Flaviramea-dogwood	C, F	<i>Ilex attenuata</i>	Savannah holly	C, C, F
	Squarrosa Minima cypress	C, F	<i>Ilex cornuta</i>	Burford holly	C, C, F
	Flifera-thread cypress	C, F		dwarf Burford holly	C, C, F
<i>Chamaecyparis pisifera</i> spp.	Areca palm	F		needle point holly	C, C, F
<i>Chrysalidocarpus lutescens</i>	Summersweet	C, F	<i>Ilex crenata</i>	Compacta-dwarf Japanese holly	C, C, F
<i>Clethra alnifolia</i>	Cleyera, Japanese	C, F	<i>Ilex crenata</i>	Convexa holly	C, C, F
<i>Cleyera japonica</i>	Pink breath of heaven	C, F		Dwarf Chinese holly	C, C, F
<i>Coleonema pulchrum</i>	Bush morning glory	C, F		Green luster holly	C, C, F
<i>Convolvulus cneorum</i>	Siberica-Siberian dogwood	C, F		Helleri-Heller's Japanese holly	C, C, F
<i>Cornus alba</i>	Baileyi-red-osier dogwood	F		Hetzii's Japanese holly	C, C, F
<i>Cornus stolonifera</i>	Flaviramea-yellowtwig dogwood	C, F		Stokesii Japanese holly	C, C, F
	Royal purple smoke tree	C, F	<i>Ilex glabra</i>	compacta-compact inkberry holly	C, C, F
<i>Cotinus coggygia</i>	Coral beauty smoke tree	C, F		Nordica-inkberry holly	C, F
<i>Cotinus dammeri</i>					

NON-BEARING FRUIT AND NUT TREES AND NON-BEARING VINEYARDS+

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

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

Common Name

almond	F	boysenberry	F	fig	F	kiwi	F	orange	F	pomegranate	F
apple	F	cherry, sour	F	filbert	F	lemon	F	peach	F	prune	F
apricot	F	cherry, sweet	F	gooseberry	F	loganberry	F	pear	F	raspberry	F
avocado	F	currant	F	grape, American	F	macadamia nut	F	pecan	F	walnut, black	F
blackberry	F	dewberry	F	grape, European	F	nectarine	F	pistachio	F	walnut, English	F
blueberry	F	elderberry	F	grapefruit	F	olive	F	plum	F		

Ornamental Bulbs

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

Preen Plus may be applied for control of susceptible annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil (narcissus), hyacinth and tulip. Apply Preen Plus to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. Preen Plus may also be applied following bulb emergence but prior to flowering and after flowering. For fall planted bulbs, apply 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 forms are less than one inch in diameter.

Do not apply to bulbs while they are flowering.

Shadehouse Areas

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.

Noncropland

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 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.

Terms and Conditions for Use

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return the unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

Warranty Disclaimer

The Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions, subject to the inherent risks set forth below. THE MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

Inherent Risks of Use

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, the manner of application, or other factors, all of which are beyond the control of the Manufacturer or the seller. All such risks shall be assumed by buyer.

Limitation of Remedies

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at the Manufacturer's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount of product used

The Manufacturer shall not be liable for losses or damages resulting from handling or use of this product unless the Manufacturer is promptly notified of such loss or damage in writing. In no case shall the Manufacturer be liable for consequential or incidental damages or losses.

The terms of the Warranty Disclaimer and Inherent Risks of Use above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of the Manufacturer or the seller is authorized to vary or exceed the terms of the Warranty Disclaimer or this Limitation of Remedies in any manner.

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