

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

September 20, 2022

John F. Wright Authorized Representative for Lebanon Seaboard Corporation Lebanon Seaboard Corporation 1600 East Cumberland Street Lebanon, PA 17042

Subject: Registration Review Label Mitigation for Trifluralin Product Name: PREEN WEED PREVENTER WITH SNAPSHOT EPA Registration Number: 961-421 Application Date: 3-30-2020 Decision Number: 561231

Dear Mr. Wright:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Trifluralin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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.

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 12 months from the date of this letter. After 12 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.

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If you have any questions about this letter, please contact DeMariah Koger by phone at (202)-566-2288, or via email at <u>koger.demariah@epa.gov</u>.

Sincerely,

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Linda Arrington, Branch Chief Risk Management and Implementation Branch 4 Pesticide Re-Evaluation Division Office of Pesticide Programs

Enclosure

PREEN WEED PREVENTER WITH SNAPSHOT

ALTERNATE BRAND NAMES

Preen Desert Garden Weed Barrier
Preen Desert Garden Weed Preventer
Preen Fall & Winter Weed Preventer
Preen Fall Weed Preventer
Preen Fall/Winter Weed Preventer
Preen Fall/Winter Weed Protection
Preen Garden Weed Preventer for Fall [and Winter] [& Winter] [/Winter]
Preen Garden Weed Preventer Step 2
Preen Late Season Weed Preventer
Preen Plus Weed Preventer
Preen Rock Garden Weed Barrier
Preen Rock Garden Weed Preventer
Preen Southwest[ern] Garden Weed Preventer
Preen Southwest[ern] Weed Barrier
Preen Southwest[ern] Weed Preventer
Preen Weed Barrier for Rock Gardens
Preen Weed Barrier for Southwest[ern] Landscapes
Preen Weed Preventer for Desert Gardens
Preen Weed Preventer for Rock Gardens
Preen Weed Preventer for Southwestern Gardens
Preen Weed Preventer for Southwestern Landscapes
Preen Weed Preventer for Southwestern Xeriscapes
Preen Weed Preventer for Trees, Shrubs & Perennials
Preen Weed Preventer for Water-Wise Gardens
Preen Weed Preventer Plus
Preen Weed Preventer With South[ern] Garden Weed Preventer
Preen Weed Preventer With South[ern] Weed Barrier
Preen Weed Preventer With South[ern] Weed Preventer
Preen Xerismart Weed Preventer

ACTIVE INGREDIENTS:

trifluralin	1.500%
isoxaben	0.375%
Other ingredients	
Total	

Trifluralin CAS No. 1582-09-8 Isoxaben CAS No. 82558-50-7

ACCEPTED

Sep 20, 2022

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 961-421

KEEP OUT OF REACH OF CHILDREN CAUTION

See [booklet or back panel] for First Aid and additional Precautionary Statements

[Covers [X,XXX] Square Feet [SQUARE FEET] [SQ. FT.] [Sq. Ft.]] Net Weight [Net Wt.:] xx lbs. [LBS.] [POUNDS] (xx.x kg) [XX.X KG] [Treats: [Covers:] [Weeds:] XX,XXX Sq. Ft. [SQ. FT.] [Square Feet] [SQUARE FEET]] [XX lb. covers up to xxx sq.ft.]

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. Wear long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof material, and shoes plus socks. Wash thoroughly with soap and water after handling.

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. For Emergency Medical Information call (888) 208-1368.		

USER SAFETY RECOMMENDATIONS

User should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing immediately if drenched or if pesticide gets inside. Then wash thoroughly and put on clean clothing.

User should remove clothing immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Environmental Hazards

This product is extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. To protect the environment, <u>Broadcast Granular</u> - do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the garden will help to prevent run off to water bodies or drainage systems.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize drift.

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.

EPA Reg. No. 961-421

(L) (D) EPA Est. No. 961-PA-01: 961-IL-01 Superscript used is first letter of lot number.

[MANUFACTURED BY:] [Distributed by:] [Produced for:] LEBANON SEABOARD CORPORATION 1600 EAST CUMBERLAND STREET LEBANON, PA 17042 [Made in the USA] [1-800-233-1067] [www.lebsea.com] [www.preen.com]

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Intended for outdoor residential use.

PRODUCT INFORMATION

[PREEN WEED PREVENTER WITH SNAPSHOT or This product] prevents most weeds from germinating for up to 6 months in [xeriscape settings][,] [in] [rock gardens] [and] [in] [flower] [perennial] [beds][,] [and] [around] [Southwest perennials,] [ground covers,] [trees] [and shrubs]. Although this product will not kill existing weeds, it will prevent new listed weeds from sprouting – eliminating the need for difficult and time-consuming hand weeding. [Without weeds, your valuable plants can grow larger and stronger.] [The use of [PREEN WEED PREVENTER WITH SNAPSHOT or this product] with 6-month weed protection in late fall will help keep early spring weeds from germinating [and will make spring garden weed preparation easier.]]

PRECAUTIONS

This product is not for use on lawns or vegetable gardens.

To prevent possible staining to unintended surfaces, ex.: concrete, stone walks, vinyl surfaces, etc., sweep up stray granules as soon as possible.

Do not apply [PREEN WEED PREVENTER WITH SNAPSHOT or this product] to:

- Newly transplanted ornamental plants listed in this label, until soil is settled by packing or irrigation and no cracks are present or injury may occur.
- Ground covers until they are established and well rooted.
- [note to reviewer plants may be listed by common and/or scientific names] 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).

USE RESTRICTIONS

Not for sale, distribution or use in New York State. DO NOT apply by air. DO NOT apply Preen Weed Preventer with Snapshot to turf grass grown for seed.

ENTRY RESTRICTIONS

Do not allow people or pets to enter the treated area until dusts have settled. If product is watered-in, do not enter or allow others (except those involved in the watering) to enter the treated areas until the watering-in is complete and the surface is dry.

WEEDS CONTROLLED [note to reviewer: weeds may be listed by common and/or scientific names] Grassy Weeds:

Common Name barley, hare barnyardgrass bluegrass, annual bromegrass cheat crabgrass cupgrass, southwestern fescue. rattail foxtail, giant foxtail, yellow goosegrass johnsongrass (seedling)+ junglerice lovegrass oat, wild panicum, fall panicum, Texas⁺ ryegrass, annual sandbur, field shattercane⁺ signalgrass sprangletop, Mexican stinkgrass witchgrass

Broadleaf Weeds:

Common Name aster, heath aster, slender bindweed, field⁺ bittercress bittercress, hairy brassbuttons, southern burclover, California bursage, annual carpetweed⁺ carrot, wild celery, wild chamberbitter chickweed, common chickweed, mouseear clover, white cudweed, purple dandelion

Scientific Name Hordeum leporinum Echinochloa crus-galli Poa annua Bromus spp. Bromus secalinus Digitaria spp. Eriochloa gracilis Vulpia myuros Setaria faberi Setaria glauca Eleusine indica Sorghum halepense Echinochloa colonum Eragrostis spp. Avena fatua Panicum dichotomiflorum Panicum texanum Lolium multiflorum Cenchrus incertus Sorghum bicolor Brachiaria spp. Leptochloa univervia Eragrostis cilianensis Panicum capillare

Scientific Name

Aster Ericoides Aster exilis Convolvulus arvensis Cardamine oligosperma Cardamine hirsuta Cotula australis Medicago polymorpha Ambrosia acanthicarpa Mollugo verticillata Daucus carota Apium leptophyllum Phyllanthus urinaria Stellaria media Cerastium vulgatum Trifolium repens Gnaphalium purpureum Taraxacum officinale

datura dock, curly⁺ dogfennel eclipta eveningprimrose fiddleneck, coast filaree, redstem filaree, whitestem fireweed fleabane. blackleaved fleabane, dwarf galinsoga, hairy geranium, Carolina goosefoot, nettleleaf groundcherry, lanceleaf groundsel, common henbit horseweed jimsonweed knotweed, prostrate knotweed, silversheath kochia ladysthumb lambsguarters, common lettuce, prickly mallow, dwarf mallow, little mallow, venice⁺ marestail mayweed medic, black milkweed, honeyvine⁺ morningglory, ivyleaf morningglory, tall⁺ mullein, turkey mustard, black mustard, Indian mustard, wild nettle, burning nettle, stinging nightshade, black oxtongue, bristly pennywort pepperweed, Virginia phyllanthus, long-stalk pigweed pimpernel, scarlet pineappleweed

Datura spp. Rumex crispus Eupatorium capillifolium Eclipta prostrata Oenothera spp. Amsinckia intermedia Erodium cicutarium Erodium moschatum Erechtites hieracifolia Conyza bonariensis Conyza ramosissima Galinsoga ciliata Geranium carolinianum Chenopodium murale Physalis lanceifolia Senecio vulgaris Lamium amplexicaule Conyza canadensis Datura stramonium *Polygonum aviculare* Polygonum argyrocoleon Kochia scoparia Polygonum persicaria Chenopodium album Lactuca serriola Malva rotundifolia Malva parviflora Hibiscus trionum Hippuris vulgaris Anthemis cotula Medicago lupulina Ampelamus albidus Ipomoea hederacea Ipomoea purpurea Eremocarpus setigerus Brassica nigra Brassica juncea Sinapiis arvensis Urtica urens Urtica dioica Solanum nigrum Picris echioides Hydrocotyle spp. Lepidium virginicum Phyllanthus tenellus Amaranthus spp. Anagallis arvensis Matricaria matricarioides plantain, bracted plantain, broadleaf plantain, buckhorn plantain, slender pokeweed, common purslane, common pusley, Florida⁺ radish, wild ragweed, common rocket, London rockpurslane, desert rockpurslane, redmaids shepherdspurse sibara sida, prickly Sida spinosa smartweed, Pennsylvania sorrel, red sowthistle, annual sowthistle, spiny speedwell, purslane speedwell, thymeleaf spurge, hyssop spurge, petty spurge, prostrate spurge, spotted sunflower sweetclover, yellow swinecress tansymustard, green telegraphplant thistle, musk thistle, Russian velvetleaf willoweed, panicle woodsorrel, creeping woodsorrel, yellow Oxalis stricta ⁺partially controlled or suppressed

Plantago aristata Plantago major Plantago lanceolata Plantago elongata Phytolacca americana Portulaca oleracea Richardia scabra Raphanus raphanistrum Ambrosia artemisiifolia Sisvmbrium irio Calandrinia ciliata Calandrinia ciliata var. menziesii Capsella bursa-pastoris Sibara virginica Polygonum pensylvanicum Rumex acetosella Sonchus oleraceus Sonchus asper Veronica peregrina Veronica serpyllifolia Euphorbia hyssopifolia Euphorbia peplus Euphorbia humistrata Euphorbia maculata Helianthus spp. Melilotus officinalis Coronopus didymus Descurainia pinnata Hererotheca grandiflora Carduus nutans Salsola iberica Abutilon theophrasti Epilobium paniculatum Oxalis corniculata

WHEN TO APPLY [PREEN WEED PREVENTER WITH SNAPSHOT]

[Apply [PREEN WEED PREVENTER WITH SNAPSHOT or this product] at the end of the growing season for weed protection throughout the winter months and into early spring.] [[PREEN WEED PREVENTER WITH SNAPSHOT or This product] will keep early spring weed seeds from germinating.]

[Apply [PREEN WEED PREVENTER WITH SNAPSHOT or this product] anytime during the growing season around established ornamental plants in [xeriscape settings][,] [in] [rock gardens] [and] [in] [flower] [perennial] [beds][,] [and] [around] [Southwest perennials,] [ground covers,] [trees] [and shrubs]. [Since] [As] [PREEN WEED PREVENTER WITH SNAPSHOT or this product] does not kill existing weeds, you

must first remove any [weeds] that have already begun to grow. By applying [PREEN WEED PREVENTER WITH SNAPSHOT or this product] [as early as possible] [before weeds emerge], you can eliminate the need for hand weeding.]

To keep ornamental beds weed-free* [all season long,] [all year long,] reapply [PREEN WEED PREVENTER WITH SNAPSHOT or this product] every 6 months.

Repeat applications should not be made sooner than 60 days after a previous application of [PREEN WEED PREVENTER WITH SNAPSHOT or this product]. Do not exceed 18.37 lb. of this product per 1000 sq. ft. per year (equivalent to 800 pounds of this product per acre).

*See Weeds Controlled section for complete list of treated weeds.

HOW TO APPLY [PREEN WEED PREVENTER WITH SNAPSHOT]

[Before applying [PREEN WEED PREVENTER WITH SNAPSHOT or this product], remove any weeds that have begun to grow.] Sprinkle [PREEN WEED PREVENTER WITH SNAPSHOT or this product] around established plants listed on this label and on soil [or] [gravel] at the surface rate [See page 34 for graphics].

Note: if you will be planting into a site treated with [PREEN WEED PREVENTER WITH SNAPSHOT] in the previous 12 months, use untreated soil as fill around roots when transplanting plants, or injury may occur.

When activated by watering, [PREEN WEED PREVENTER WITH SNAPSHOT or this product] forms a weed control barrier, preventing weed seeds from germinating. Disturbance to the soil [or] [gravel] surface after activation may result in erratic weed control. For best results immediately water [PREEN WEED PREVENTER WITH SNAPSHOT or this product] into soil [or] [gravel] surface. If watering-in is not convenient, lightly rake into [soil] [or] [gravel] surface.

This product must be soil-incorporated within 24 hours of application either by at least 0.5 acre inch of water (rainfall, irrigation) or mechanical incorporation. If a second incorporation is needed it should be delayed 3 to 5 days after the first incorporation and be completed prior to planting.

[HOW MUCH TO APPLY] [APPLYING AROUND ESTABLISHED PLANTS & TRANSPLANTS]

For established perennials, ground covers, shrubs and trees: sprinkle [PREEN WEED PREVENTER WITH SNAPSHOT or this product] evenly over the entire soil [or] [gravel] surface at the **rate of 0.98 oz. per 10 sq. ft.** [See page 34 for graphics], being sure to keep granules away from plant roots. [Do not over-apply as injury may occur to plants which are sensitive to [PREEN WEED PREVENTER WITH SNAPSHOT or this product].]

Surface Application Rate: Sprinkle granules at the density shown in this picture. (insert image with coin)

[APPLYING AROUND ORNAMENTAL BULBS

[PREEN WEED PREVENTER WITH SNAPSHOT] may be applied for the control of annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil (narcissus), hyacinth and tulip. Apply [PREEN WEED PREVENTER WITH SNAPSHOT or this product] to the soil [or] [gravel] at surface rate [See page 34 for graphics] 2 to 4 weeks after planting but prior to the emergence of annual weeds. This product may also be applied following bulb emergence but prior to flowering and after flowering.

[For fall planted bulbs, apply [PREEN WEED PREVENTER WITH SNAPSHOT or this product] in late winter or early spring to soil [or] [gravel] surface.]

Do not apply to tulip plants that have emerged to a height greater than $\frac{3}{4}$ 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.]

[APPLYING [PREEN WEED PREVENTER WITH SNAPSHOT] [WITH] [MULCH] [OR] [GRAVEL]]

[For best weed control, apply [PREEN WEED PREVENTER WITH SNAPSHOT or this product] after spreading [mulch] [or] [gravel] on your [flower] [perennial] [and] [shrub] [landscape] beds. Sprinkle [PREEN WEED PREVENTER WITH SNAPSHOT or this product] on top of [mulch] [or] [gravel] at the surface rate . [See page 34 for graphics]]

[PREEN WEED PREVENTER WITH SNAPSHOT] [IS SUGGESTED] [FOR USE AROUND THESE ESTABLISHED PLANTS] [note to reviewer, plants will be listed using common and/or scientific names]

Trees

Scientific Name Abies balsamea Abies concolor Abutilon hybridum	Common Name fir, balsam fir, white albus-flowering maple luteus-flowering maple roseus-flowering maple tangerine-flowering maple vesuvius red-flowering maple
Acer gimmala Acer rubrum	flame maple red maple red sunset maple
Acer saccharinum	silver maple
Alsophiia australis	Australian tree fern
Areacastrum romanzoffianum	queen palm
Betula nigra	birch, river
Betula papyrifera	paper birch
Brachychiton populneus	bottle tree
Bucida buceras	black olive
Ceratonia siliqua	carob
Cercis canadensis	redbud
Chamaecyparis obtusa	filicoides-fernspray cypress

Chamaecyparis obtusa Chamaecyparis pisifera

Chamaedorea cataractarum

Chamaedorea costaricana Chamaedorea elegans Comus florida

Crataegus viridis Cryptomeria japonica Cupaniopsis anacardioides Cupressocyparis x 'Emerald Isle' Cupressus arizonica Cupressus glabra Cupressus sempervirens Dicksonia antarctica Elaeagnus angustifolia Elaegnus x 'Gilt edge' Eucalyptus camaldulensis Eucalyptus cinerea

Eucalyptus microtheca Eucalyptus sideroxylon Ficus benjamina

Fraxinus udhei Ginkgo biloba Gleditsia triacanthos

Heteromeles arbutiflora Illicium floridanum Juniperus virginiana Liquidambar styraciflua Magnoia grandiflora Morus alba Musa aluminata Oxydendrum arboreum Picea abies

Picea glauca Picea glauca conica Picea pungens

Pinus aristata

gracilis-slender hinoki cypress sawara-false cypress squarrosa-moss cypress cat palm palm palm parlor palm cloud nine dogwood dogwood, flowering green hawthorn cryptomeria, Japanese carrot wood emerald island leyland cypress Arizona cypress Arizona cypress Italian cypress Tasmanian tree fern **Russian olive** gilt edge silverberry red gum eucalyptus eucalyptus, mealy silver dollar eucalyptus coolibah tree eucalyptus, red ironbark ficus mini ficus shamel ash ginkgo (maidenhair tree) honey locust shademaster honey locust toyon Florida anise-tree redcedar, eastern sweetgum, American magnolia, southern white mulberry banana sourwood pendula-weeping Norway spruce repens-spreading Norway spruce spruce, Norway conica-dwarf Alberta spruce dwarf Alberta spruce dwarf globe blue spruce glauca-Colorado blue spruce hoopsii-hoop's blue spruce koster-koster blue spruce bristlecone pine

Pinus canariensis Pinus contorta Pinus eldarica Pinus leucodermis Pinus mugo Pinus nigra Pinus radiata Pinus strobus Pinus strobus Pinus sylvestris

Pinus thunbergiana Platanus occidentalis Platanus racemosa Podocarpus spp. Populus deltoides Prosopis chilensis Prunus yedoensis Quercus ilicifolia Quercus palustris Quercus phellos Quercus rubra Quercus virginiana Salix babylonica

Sequoiadendron giganteum Swietenia mahogani Tabebuia caraiba Tsuga canadensis Ulmus parvifolia Washingtonia robusta

<u>Shrubs</u>

Scientific Name Abelia grandiflora

Acacia abyssinica Acacia redolens Acacia stenophylla Acalypha wilkesiana Acer ginnala Acer palmatum

Agapanthus africanus Agave americana Anisodontea hypomandarum Aptenai cordifolia

canary island pine shore pine, beach pine eldarica pine Bosnian pine pumilio-shrubby swiss mountain pine Austrian black pine monterey pine eastern white pine white pine columnar Scotch pine Scotch pine Japanese black pine American sycamore California sycamore podocarpus cottonwood Chilean mesquite yoshino flowering cherry bear oak pin oak willow oak red oak live oak babylon weeping willow corkscrew willow giant sequoia mahogany yellow tab eastern hemlock Chinese elm Mexican fan palm

Common Name

edward goucher abelia glossy abelia abyssinica acacia acacia, prostrate shoestring acacia copper leaf amur maple coral bark Japanese maple dwarf Japanese maple queen anne lily of the nile century plant cape mallow red apple aptenia Ardisia japonica Astible arendsii Astible chinensis Athyrium nipponimcum Baccharis pilularis Berberis gladwynensii Berberis mentorensis Berberis thunbergii

Bougainvillea spp.

Buxus x 'Green velvet' Buxus microphylla japonica Buxus microphylla Koreana Buxus sempervirens Callistemon citrinus Callistemon viminalis Calluna vulgaris Camellia japonica Caryopteris x clandonen Cassia artemisioides Ceanothus spp. Cephalotaxus drupacae Cerastium tomentosum Chamaecyparis obtusa

Chamaecyparis pisifera

Chamaecyparis pisifera spp. Chrysalidocarpus lutescens Clethra alnifolia Cleyera japonica Coleonema pulchrum Convolvlus cneorum Cornus alba Cornus stolonifera

Cotinus coggygria Cotinus dammeri

chirimen marlberry false spiraea astilbe/false spirea Japanese painted fern coyotebush william penn barberry mentor barberry aurea-golden Japanese barberry crimson pygmy barberry rose glow barberry atropurea-redleaf Japanese barberry cherry bomb barberry barbara karst California gold pink pixie scarlet o'hara temple fire Texas dawn green velvet boxwood boxwood, Japanese Korean boxwood boxwood, common bottlebrush, lemon weeping bottlebrush spring torch Scotch heather camellia dark knight bluebeard cassia, feathery wild lilac plum yew snow-in-summer kosteri cypress nana-dwarf hinoki cypress torulosa cypress baileyi-dogwood flaviramea-dogwood squarrosa minima cypress filifera-thread cypress areca palm summersweet cleyera, Japanese pink breath of heaven bush morning glory sibirica-Siberian dogwood baileyi-red-osier dogwood flaviramea-yellowtwig dogwood royal purple smoke tree coral beauty smoke tree

Cotoneaster adpressus Cotoneaster apiculatus Cotoneaster congestus Cotoneaster dammeri Cotoneaster himalayan Cotoneaster horizontalis Cotoneaster opiculata Cycas revoluta Cytisus praecox Cytisus scoparius Cytisus spp. Daphne odora Deutzia crenata Deutzia gracilis Dodonea viscosa Elaeagnus pungens Erica cinerea Erica vagans Erica x darleyensa Eugenia myrtifolia Euonymus x 'Aureo variegatus' Euonymus x 'Chollipo' Euonymus fortunei

Euonymus japonica

Euonymus kiatschovica Euonymus vegetus Euryops pectinatus Fatshedera japonica Fatsia japonica Felicia ameloides Forsythia intermedia Forsythia x 'Spring glory' Gardenia jasminoides

Gaultheria shallon Gelsemium sempervirens Genista pilosa Hibiscus rosa-sinensis Hibiscus syriacus

eichholz smoke tree praecox-early cotoneaster cotoneaster, cranberry cotoneaster, Pyrenees cotoneaster, bearberry Himalayan cotoneaster cotoneaster, rock cotoneaster sago palm hollandia-warminster broom lena-Scotch broom holandia-Scotch broom fragrant daphne nakiana-dwarf deutzia slender gracilis hopseed bush fruitland silver berry purple bell heather cornish heather Mediterranean pink heather dwarf brush cherry gold spot euonymus chollipo eunoymus canadale gold euonymus emerald 'n gold euonymus sunspot euonymus silver king euonymus variegated evergreen euonymus spreading euonymus bigleaf wintercreeper dwarf euryops

Japanese aralia blue marguerite forsythia border spring glory forsythia august beauty gardenia gardenia radican gardenia salal/lemon leaf Carolina jessamine woadwaxen ross estey-hibiscus rose of sharon, red bird rose of sharon, red heart rose of sharon, woodbridge rose of sharon, aphrodite rose of sharon, helene

Ilex aquifolium	Balkans holly
llou aquinoun i	gold coast holly
llex aquipernyi	san jose holly
llex attenuata	savannah holly
llex cornuta	burford holly
	dwarf burford holly
	needle point holly
llex crenata	compacta-dwarf Japanese holly
llex crenata	convexa holly
	dwarf Chinese holly
	green luster holly
	helleri-heller's Japanese holly
	hetzii's Japanese holly
	stokesii Japanese holly
Ilex glabra	compacta-compact inkberry holly
	nordica-inkberry holly
llex meserveae	blue boy holly
	blue girl holly
	China boy holly
	China girl holly
	ebony magic holly
llex vomitoria	nan-dwarf yaupon holly
	pendula-weeping yaupon holly
	yaupon holly
Illicium annisatum	mystery gardenia
Itea ilicifolia	henry garnet holly leaf sweetspire
Ixora collinea	ixora
Juniperus chinensis	hollywood juniper
	media-old gold juniper
	pfitzer juniper
	pfitzerana glauca-blue juniper
	pfitzerana-pfitzer juniper
	sea green juniper
	torulosa-hollywood juniper
Juniperus conferta	emerald sea shore juniper
	shore juniper
Juniperus horizontalis	andorra juniper
	bar harbor juniper
	blue chip juniper
	blue rug juniper
	creeping juniper
	dwarf andorra juniper
	huntington blue juniper
	plumosa-andorra juniper
	wiltonii-blue carpet juniper
Juniperus procumbens	nana-dwarf Japanese garden juniper
Juniperus prostrata	prostrata juniper
Juniperus sabina	broadmoor juniper
Jumperus Submu	stoaumoor jumper

Juniperus scopulorum Juniperus squamata

Kalmia latifolia Lagerstroemia indica Lantana spp. Lavandula angustifolia Lavandula latifolia Lavandula officianalis Leptospermum scoparium Leucothoe axillaris Leucothoe fontanesiana Ligusrum japonicum

Ligustrum lucidum Ligustrum ovalifolium Ligustrum texanum

Ligustrum vicaryi

Ligustrum vulgare Livistona chinensis Lonicera fragrantissima Lonicera periclymenum

Lonicera sempervirens Loropetalum chinense Mahonia aquifolium compacta Mahonia bealei Mahonia repens Myrica cerifera Nandina domestica

Nerium oleander

Osmanthus fortunei Pachysandra terminalis Phoenix roeloelenii

foemina-hicks juniper savin juniper tamariscifolia-tam juniper emerald green juniper blue juniper blue star juniper parsonii juniper laurel, mountain crepe myrtle lantana **English lavender** English spike lavander **Englilsh lavander** New Zealand tea tree leucothoe, coast leucothoe, drooping privet, Japanese wax ligustrum yellow tip ligustrum privet, glossy California privet howardi privet wax leaf privet privet, golden vicary golden privet lodense privet Chinese fountain palm winter honeysuckle flowering woodbine serotina woodbine trumpet honeysuckle fringe flower dwarf Oregon grape leather leaf mahonia creeping mahonia wax myrtle compacta-dwarf heavenly bamboo harbor dwarf-heavenly bamboo heavenly bamboo (nandina) nana compacta-heavely bamboo nana purpurea-heavenly bamboo woods dwarf-heavenly bamboo hardy red oleander oleander ruby lace oleander fortunes osmanthus Japanese spurge pigmy date palm

Photinia fraseri Pieris japonica

Pieris japonica x forestii Pinus mugo Pittosporum tobira

Plumbago ariculata Plumbago capensis Podocarpus macrophyllus Polygala dalmaisiana Polystichum polyblepharum Potentilla fragiformis

Potentilla fruticosa

Potentilla verna Prunus gladulosa Pyracantha fortuneana

Rhaphiolepis indica

Rhaphiolepis ovata Rhododendron calendulaceum

Rhododendron campylocarpum Rhododendron carolinianum x daurium Rhododendron catawbiense

Rhododendron caucasium x ponticum

fraser's photinia lily-of-the-valley mountain fire lily-of-the-valley snowdrift lily-of-the-valley temple bells lily-of-the-valley valley rose lily-of-the-valley valley valentine lily-of-the-valley forest flame lily-of-the-valley mugo-mugho pine green pittosporum wheeler's dwarf pittosporum blue cape plumbago plumbago vewpine sweet pea shrub tassel fern cinquefoil

cinquefoil gold drop pontentilla goldfinger potentilla red ace potentilla sunset potentilla tangerine potentilla spring cinquefoil dwarf pink flowering almond lolendei monrovia pyracantha monon pyracantha red elf hybrid pyracantha rutgers hybrid pyracantha santa cruz pyracantha victory pyracantha charisma-monruce rhaphiolepis enchantress-moness rhaphiolepis rhaphiolepsis (India hawthorn) springtime-monme rhaphiolepis roundleaf rhaphiolepis cannon's double azalea flame azalea golden fire azalea klondike azalea butterfly rhododendron PJM rhododendron catawba album rhododendron catawba rhododendron lord roberts rhododendron rocket rhododendron cunningham white rhododendron

Rhododendron exbury

Rhododendron forrestii repens Rhododendron forrestii x griersonianum Rhododendron griffithianum Rhododendron hybrid spp.

Rhododendron impeditum Rhododendron indica Rhododendron indica Rhododendron kaempferi Rhododendron kerume

Rhododendron maximum Rhododendron mucronulatum Rhododendron obtusum Rhododendron ponticum Rhododendron ponticum Rhododendron x 'purple gem' Rhododendron racemosum

Rhododendron sassthigiatim x carolinianum Rhododendron satuski

Rhododendron spp. hybrids

cannon's double azalea golden flare azalea klondike azalea gomer waterer rhododendron elizabeth rhododendron jean marie rhododendron America rhododendron English roseum rhododendron nova zembla rhododendron scintillation rhododendron rhododendron formosa azalea waucabusa azalea blue danube azalea coral bells azalea hino crimson azalea hino pink azalea mildred azalea snow azalea rhodie max (rosebay) rhododendron hino-crimson azalea chioniodes rhododendron daphinoides rhododendron purple gem rhododendron dwarf scarlet wonder rhododendron tribly rhododendron unique rhododendron vulcan rhododendron ramapo rhododendron gumpo pink azalea higasa azalea reijn azalea carror azalea fashion azalea gerard christina azalea girard roberta azalea golden flare exbury azalea helmut vogel azalea hershey red azalea hot shot azalea hume azalea inga azalea irene koster azalea president clay azalea tradition azalea sumac, African

Rhus lancea Rosa rugosa

ramanas rose

Rosmarinus officinalis Senecio cineraria Skimmia japonica Skimmia revesiana Solanum rantonetii Spiraea bumalda Spiraea x cinerea 'Grefsheim' Spiraea japonica

Spiraea vanhouttei Syringa rothomagensis Syringa vulgaris Taxus cuspidata Tecomaria capensis Ternstroemia gymnanthera Thuja occidentalis

Thuja occidentalis Thuja orientalis

Veitchia merrilli Viburnum bodnantense Viburnum carlesii Viburnum davidii Viburnum japonicum Viburnum judd (v. x juddii) Viburnum lantana Viburnum lantana Viburnum opulus sterile Viburnum opulus sterile Viburnum plicatum tomentosum Viburnum setigerum Viburnum trilobum Viburnum trilobum Viburnum trilobum Viburnum trilobum compactum Viburnum x pragense Weigela florida

Xylosma congestum Yucca filamentosa

Groundcovers & Perennials

rosemary dusty-miller/silver ragweed Japanese skimmia reeve's skimmia Paraguay nightshade anthony waterer spiraea first snow spiraea dolchia spiraea Japanese alpine spiraea shirobana spiraea bridal wreath Chinese lilac lilac, common yew, Japanese cape honeysuckle ternstroemia, Japanese emerald arborvitae globosa-globe arborvitae little giant-dwarf arborvitae nigra-dark American arborvitae pyramidalis arborvitae rheingold arborvitae techny arborvitae woodwardii arborvitae aureus nana-dwarf golden arborvitae minima glauca-dwarf arborvitae Christmas palm pink dawn viburnum Koreanspice viburnum david viburnum viburnum viburnum wayfaring tree common snowball viburnum doublefile viburnum tea viburnum spring bouquet viburnum cranberry bush dwarf cranberry bush viburnum bristol ruby weigela java red weigela minuet weigela xylosma yucca

Scientific Name

Achillea millefolium Agapanthus africanus Agapanthus "Peter Pan" Alstroemeria aurea Ammophila breviligulata Antirrhinum majus Arctotheca calendula Argyranthemum frutescens Artemisia schmidtiana Asparagus retrofractus Asteriscus maritimus Astilbe Deutschland Asparagus retrofractus Asparagus variegata Aster novae-angliae Aster novi-belgii Begonia cordifolia Begonia semperflorens bidens ferulifolia Brachycome x 'New amethyst' Callistepeus chinensis Carex spp. Carpobrotus edulis Catharanthus roseus Cerastium tomentosum Ceratostigma plumbaginoides Chrysanthemum morifolium Chrysanthemum sp. Clematis integrifolia caerulea Clivia miniata Coreopsis verticillata Cortaderia selloana Cuphea hyssopifolia Cyperus albostriatus Dahlia x 'Royal dahlietta pink' Delosperma alba Descampsia caespitosa Dianthus gratianopolitanus Dietes vegeta Drosanthemum floribundum Drosantheumum hispidum Ensete ventricosum Equisetum scirpoides Erianthus ravennae Erysimum "Bowles mauve" Euryops pectinatus Eustoma grandiflorum

Common Name

common yarrow lily of the Nile

Peruvian lily beechgrass snapdragon cape weed Paris daisy angels' hair fern gold coin daisy deutschland astilbe

tree fern New England aster New York aster heartleaf begonia white ambassador begonia peter's gold bidens swan river daisy new amethyst China aster sedge ice plant, largeleaf Madagascar periwinkle snow in the summer dwarf plumbago florist's chrysanthemum chrysanthemum species blue bell clematis kafir lily coreopsis, threadleaf pampas grass false or Mexican heather dwarf umbrella grass dwarf dahlia wendy pink white iceplant descampsia crimson treasure cheddar pink fortnight lily trailing rosea iceplant iceplant red abyssinian banana dwarf horsetail hardy pampasgrass wallflower dwarf euryops pink lisianthus

Festuca ovina glauca Fuchsia x 'Santa Claus' Gaillardia aristata Gaillardia grandiflora Gaura lindheimeri Gazania rigens leucolaena Gazania spp. Geranium incanum Geranium subcaulescens Hakonechloa macroaureola Hedera canariensis Hedera helix Helichrysum petiolatum Hemerocallis spp. Hesperaloe parviflora Heuchera americana Heuchera micrantha Hippeastrum hybrid Hosta 'Francee' Hosta lancifoila Hosta 'Patriot' *Hymenoxys acaulis* Hypericum spp. Impatiens wallerana Iris pumila Iris siberica Jasminum nitidum Lampranthus spectabilis Leptospermum scoparium Liatris spicata Limonium perezii Liriope gigantea Liriope muscari

Liriope spicata Lobelia erinus Lobularia maritima Lonicera japonica Lysimachia punctata Mathiola incana Miscanthus sinensis Monarda didyma Moraea iridiodes Oenothera speciosa

blue fescue santa claus fuchsia blanket flower goblin blanket flower gaura gazania, trailing gazania cranesbill blackeyed magenta cranesbill golden hakonechloa ivy, Algerian ivy, English white licorice plant daylily red yucca palace purple coral bells amaryllis francee plantain lily albo-marginata hosta patriot plantain lilyl angelita daisy St. Johnswort busy lizzie yellow dwarf bearded iris blue siberian iris angelwing jasmine trailing iceplant broom teatree/manuka gay feather statice white lily turf lilac beauty lily turf majestic lily turf monroe white lily turf silvery sunproof lily turf variegated liriope lily turf big blue lily turf green/creeping lily turf lobelia sweet alyssum honeysuckle, Japanese dotted loosestrife stock eulalia grass bee balm African iris siskiyou evening primrose

Ophiopogon japonicus

Osteospermum fruticosum Pachysandra terminalis Parthenocissus quinquefolia Pelargonium x hortorum Pelargonium peltatum Pennisetum alopecuroides Pennisetum setaceum Pentas lanceolata Penstemon x 'Apple blossom' Penstemon gentianoides 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 Vinca spp. Zinnia elegans

dwarf mondo grass mondo grass freeway daisy Japanese spurge Virginia creeper zonal geranium ivy geranium fountain grass chrimson fountaingrass star cluster apple blossom penstemon hartwig penstemon **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 periwinkle dwarf zinnia

Non-bearing fruit and nut tree and non-bearing vineyards*

Almond Apple Apricot Avocado Blackberry Blueberry Boysenberry Cherry, sour Cherry, sweet Currant Dewberry Elderberry Fig Filbert Gooseberry Grape, American Grape, European Grapefruit Kiwi Lemon Loganberry Macadamia nut Nectarine Olive Orange Peach Pear Pecan Pistachio Plum Pomegranate Prune Raspberry Walnut, black Walnut, English

*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.

[Users who wish to use [PREEN WEED PREVENTER WITH SNAPSHOT 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. 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. The user assumes responsibility for any plant damage or other liability resulting from use of [PREEN WEED PREVENTER WITH SNAPSHOT or this product] on plant species not listed in this label. *Do not apply to any plant-intended for food or feed.]

REFILL INSTRUCTIONS

[Optional for reusable rigid plastic container with application device.] [This container with applicator cap is reusable with [PREEN WEED PREVENTER WITH SNAPSHOT or this product]. Refill the container with desired amount of this product and use as directed. When done, store or dispose this container as listed on the label.]

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 and Container Handling: Nonrefillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

[Optional Storage and Disposal statement for use with reusable containers.]

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 and Container Handling: Do not reuse or refill this container except as described in the DIRECTIONS FOR USE (see Refill Instructions). **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

[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.]

[PREEN GUARANTEE

To the extent consistent with applicable law, Lebanon Seaboard Corporation guarantees you will be satisfied with the performance of this product when used as directed, or your money back. If not satisfied, describe the nature of your problem, and send with proof of purchase to Lebanon Seaboard Corporation, 1600 E. Cumberland St., Lebanon, PA 17042.]

[To the extent consistent with applicable law, the manufacturer makes no warranties, expressed or implied, concerning this product or its use, which extend beyond the description on the face hereof. All statements made concerning this product apply only when used as directed.]

OPTIONAL MARKETING CLAIMS (MISCELLANEOUS):

- Money Back Guarantee
- Long Lasting [protection against weeds*]
- [Applicator] [Scoop] Included [optional scoop pictogram]
- Apply [spring, summer or fall]
- Apply throughout the growing season.
- Does not harm plants (*) [(*) Please refer to plant list where product can be used] [(*) When used as directed]
- Easy to use
- Easy to use applicator [image]
- Easy to apply just shake on in accordance with use directions
- [Easy (to) open] [resealable] bag
- Lift here to open

- Effective Weed * Control
- Prevents weeds* all season[long]
- Eliminates the need for hand weeding
- Eliminate [time consuming] hand weeding*
- One application prevents weeds* [all season] [for 6 months]
- Preen [®]is a registered trademark of Lebanon Seaboard Corporation
- Preen now [–] or pull later.
- Preen works so you don't have to.[[®]]
- Preen works so you don't have to. [®] is a registered trademark of Lebanon Seaboard Corporation
- Stop weeds* before they start![[™]]
- Stop weeds before they start![™] is a trademark of Lebanon Seaboard Corporation
- Press to reseal
- Resealable bag
- Easy to use applicator
- Prevents new weeds* for [up to] 6 months
- 6-month weed* preventer
- Prevents the toughest weeds*
- Sprinkle around [flowers,] [perennials,] trees, shrubs [every 6 months]
- Sprinkle once to prevent weeds* for [up to] 6 months
- Works all season long
- Use for a beautiful weed*-free landscape



(MST – Mobile Scan Tag / black & white)

• QR Code Image



(Scan the code to watch how Preen's Battery Powered Spreader (works)(makes preventing weeds easier than ever.))



(Scan the code to watch how Preen prevents weeds (or visit <u>http://www.preen.com/preventweeds</u>))

- Weed* fighting formula
- [Blocks] [Prevents] weeds* for 6 months guaranteed!

- Preen Now or Pull Later
- Use Preen Now or Pull Later
- Keeps Weeds* Out. Guaranteed.
- The secret to weed* prevention.
- Prevent[s] weeds*. Prevent[s] weeding.
- For water efficient [gardens] [landscapes] [beds]
- Use around listed perennials, trees and shrubs
- Proof of Purchase
- Ready To Use Granules with Built In Applicator (for plastic containers)
- Reusable [Preen] Bottle (for plastic containers)
- See inside booklet for complete directions for use[,] [and] [plant listings][,] [&] [precautionary statements]
- Simply press to close
- To open [cut along dotted line] [twist off cap and remove inner seal]
- Try Other Preen Products!
 - [Preen Lawn Weed Control]
 - [Preen Lawn Crabgrass Control]
 - [Preen Lawn Weed Control Plus Crabgrass Preventer]
 - [Preen Lawn Step Saver Weed Control Plus Fertilizer]
 - [Preen Garden Weed Preventer Plus Plant Food]
 - [Preen Southern Weed Preventer]
 - [Preen Southern Weed Preventer Plus Plant Food]
 - [Preen Organic Vegetable Garden Weed Preventer]
 - [Preen Mulch Plus]
 - [Preen [Landscape Weed Control] Fabric]
 - [placeholder for other Preen products]
- Visit <u>www.preen.com</u>
- No roots, no weeds*, no weeding
- Prevents weeds* from germinating
- [PREEN WEED PREVENTER WITH SNAPSHOT] with weed barrier technology
- [PREEN WEED PREVENTER WITH SNAPSHOT] with weed growth inhibitor
- [PREEN WEED PREVENTER WITH SNAPSHOT] with weed defense technology
- [PREEN WEED PREVENTER WITH SNAPSHOT] with seed block technology
- Weed images (any from list)

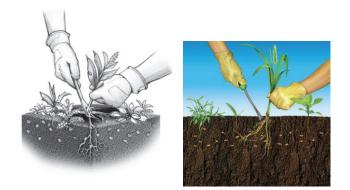
*See Use Directions for complete list of treated weeds

[Killing vs. Prevention]

[Killing weeds vs. weed prevention] [Killing weeds vs. preventing weeds]

[Killing] [Weeds]

- 1. Weed Prevention vs. Killing (Pictogram)
- 2. Requires pulling or spraying and eliminates weeds already above ground
- 3. Killing eliminates weeds already above ground
- 4. Pulling or spraying eliminates weeds already above ground
- 5. To kill the weed you must remove plant, roots and all.
- 6. To eliminate [the] [each] weed you must remove roots and all
- 7. [Ongoing] [Constant] weed growth requires continuous weeding by hand
- 8. [Ongoing] [Constant] weed growth requires [regular] [continuous] weeding by hand
- 9. Continual weed growth requires [regular] weeding by hand
- 10. Steady weed growth requires [regular] [continuous] weeding by hand
- 11. Consistent weed growth requires [regular] [continuous] weeding by hand
- 12. Persistent weed growth requires [regular] [continuous] weeding by hand
- [Ongoing] [Constant] weed growth requires continuous weeding by hand [or] [and] use of [chemicals] [weed killer sprays]
- 14. Seasonal weed growth requires continuous weeding by hand
- 15. Seasonal weed growth requires [regular] [continuous] weeding by hand
- 16. Seasonal weed growth requires continuous weeding by hand [or] [and] use of [chemicals] [weed killer sprays]
- 17. [Ongoing] [Constant] seasonal weed growth requires continuous weeding by hand
- 18. [Ongoing] [Constant] seasonal weed growth requires [regular] [continuous] weeding by hand
- 19. Fast growing seasonal weeds require [regular] [continuous] weeding by hand
- 20. [Ongoing] [Constant] seasonal weed growth requires continuous weeding by hand (or) [and] use of [chemicals] [weed killer sprays]
- 21. To eliminate [the] [each] weed you must remove [the] plant, roots and all.
- 22. To eliminate [the] [each] weed you must remove roots and all
- 23. To eliminate [the] [each] weed you must remove [its] roots
- 24. To kill [the] [each] weed you must remove [the] plant, roots and all.
- 25. To kill [the] [each] weed you must remove roots and all
- 26. To kill [the] [each] weed you must remove [its] roots
- 27. [• Weed[s]]
 - [• Weed Roots]
 - [• Broken stem]
 - [• Soil]
 - [• [constantly growing] Weed seeds]
- 28. [Pulling or spraying only eliminates weeds already above ground]
 - (3D Imagery Optional) (2D imagery Optional)



[Preventing] [Weeds]

- 1. Preventing creates a [weed] barrier that [keeps][prevents] [stops] weeds* from germinating
- 2. Preventing creates a [weed] barrier that [keeps][prevents] [stops] weed* seeds from germinating
- 3. Preventing creates a [weed] barrier that [keeps][prevents] [stops] weeds* when they are seeds
- 4. Preventing creates a protective barrier that [keeps][prevents] [stops] weeds* from germinating
- Preventing creates a protective barrier that [keeps][prevents] [stops] weed* seeds from germinating
- 6. Preventing creates a protective barrier that [keeps][prevents] [stops] weeds* when they are seeds
- 7. [PREEN WEED PREVENTER WITH SNAPSHOT] creates a [weed] barrier that [keeps][prevents] [stops] weeds* from germinating
- [PREEN WEED PREVENTER WITH SNAPSHOT] creates a [weed] barrier that [keeps][prevents] [stops] weed* seeds from germinating
- 9. [PREEN WEED PREVENTER WITH SNAPSHOT] creates a [weed] barrier that [keeps][prevents] [stops] weeds* when they are seeds
- 10. [PREEN WEED PREVENTER WITH SNAPSHOT] creates a protective barrier that [keeps][prevents] [stops] weeds* from germinating
- 11. [PREEN WEED PREVENTER WITH SNAPSHOT] creates a protective barrier that [keeps][prevents] [stops] weed* seeds from germinating
- 12. [PREEN WEED PREVENTER WITH SNAPSHOT] creates a protective barrier that [keeps][prevents] [stops] weeds* when they are seeds
- 13. [Creating a] [PREEN WEED PREVENTER WITH SNAPSHOT] [weed] barrier STOPS WEEDS* before they start!
- 14. [• [Vibrant][strong] [vivacious][hardy] [robust][sturdy][vital][flourishing][lush] [resilient][lasting][stable][staunch] [prospering][garden] Plant[s]]

[• Mulch]

- [•[PREEN WEED PREVENTER WITH SNAPSHOT] Weed Barrier
- [• Weed[s][seeds]]
- [• Roots]

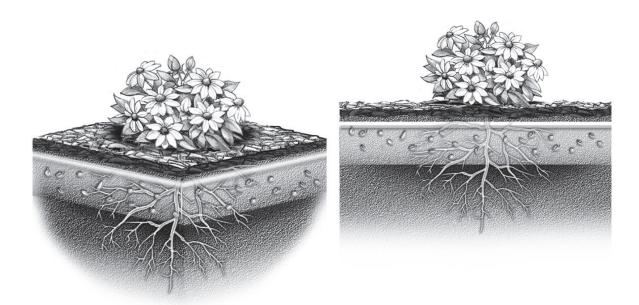
[• Soil]

- [• Creates Weed Barrier]
- [• Stops weed[s]* [seeds] from growing]
- [[• Stops weed[s]* [seeds] from germinating]
- [[•Prevents weed[s]* [seeds] from germinating]
- 15. [PREEN WEED PREVENTER WITH SNAPSHOT] Weed Barrier [prevents] [keeps][stops] weeds* from germinating
- 16. [PREEN WEED PREVENTER WITH SNAPSHOT] Weed Barrier [prevents] [keeps][stops] weed* seeds from germinating
- 17. [PREEN WEED PREVENTER WITH SNAPSHOT] Weed Barrier technology [prevents][keeps][stops] weeds* from germinating
- 18. [PREEN WEED PREVENTER WITH SNAPSHOT] Weed Barrier technology [prevents][keeps][stops] weed* seeds from germinating
- 19. Prevent weeds* by [stopping] [halting] [controlling] their germination
- 20. Control weeds* by [stopping] [halting] [controlling] their germination
- 21. [PREEN WEED PREVENTER WITH SNAPSHOT] allows established plants to [grow] [survive][flourish].
- 22. [PREEN WEED PREVENTER WITH SNAPSHOT] [weed] barrier prevents weeds*[for] [6] [six] [months.]
- 23. [PREEN WEED PREVENTER WITH SNAPSHOT] protective barrier prevents weeds* [for] [6] [six] [months.]
- 24. [PREEN WEED PREVENTER WITH SNAPSHOT] [weed] barrier blocks weeds* [for] [6] [six] [months.]
- 25. [PREEN WEED PREVENTER WITH SNAPSHOT] protective barrier blocks weeds* [for] [6] [six] [months.]
- 26. [PREEN WEED PREVENTER WITH SNAPSHOT] [weed] barrier keeps weeds* under control for [6] [six] months.
- 27. [PREEN WEED PREVENTER WITH SNAPSHOT] protective barrier prevents weeds* from germinating [for] [6] [six] [months.]
- 28. [PREEN WEED PREVENTER WITH SNAPSHOT] protective barrier prevents weed* seeds from germinating [for] [[6] [six] [months.]
- 29. [PREEN WEED PREVENTER WITH SNAPSHOT] barrier prevents weeds* from germinating [for] [6] [six] [months.]
- 30. [PREEN WEED PREVENTER WITH SNAPSHOT] weed barrier prevents weeds* from germinating [for] [6] [six] [months.]
- 31. [Stop] [block] weeds* with [PREEN WEED PREVENTER WITH SNAPSHOT] [weed] barrier [technology]
- 32. Weed* seeds are stopped by [PREEN WEED PREVENTER WITH SNAPSHOT] [weed] barrier [technology]
- 33. [Preventing creates a weed barrier that stops weeds* from germinating]

*See Use Directions for complete list of treated weeds.

(3D Imagery Optional)

(2D imagery Optional)





The Preen Routine

[Note to the reviewer that all these visuals below for the Preen Routine are to be optional]

[4] [Four] [easy][simple] [steps to weed prevention]





[1.] [One] Remove existing weeds



[3.] [Three] Sprinkle[PREEN WEED PREVENTER WITH SNAPSHOT] [product][granules] evenly

[2.] [Two] Apply [mulch] [or] [gravel]



[4.] [Four] Water[PREEN WEED PREVENTER WITH SNAPSHOT] [product] [granules] into soil [or gravel]

[Reapply [PREEN WEED PREVENTER WITH SNAPSHOT] [product] every [6] [six] [months]

[Weeds grow throughout the season] [It's never too late or too early to apply [PREEN WEED PREVENTER WITH SNAPSHOT] [during the growing season.]

[Without Preen] [Untreated]



[With Preen] [Treated]



[Represents actual results] [Actual results may vary by weather]

OPTIONAL MARKETING CLAIMS [SOUTHWEST]:

- 1. The only weed* preventer developed for southwest[ern] gardens [climates]
- 2. For Southwest[ern] [flower] [beds] [climates] [gardens] [landscapes]
- 3. Heat Smart Formula [for weed* protection]
- 4. [Specially formulated] for [warmer] [warm] [hot] [arid] climates
- 5. [Specially formulated] for Southwest[ern] [flower] [beds] [climates] [gardens] [landscapes] [plants] [weeds*] [climates]
- 6. Controls [prevents] tough [southwest] grasses and weeds* [such as (select any weeds from weeds controlled list, using "," "and" to string them together in sentence form)]
- 7. Specially formulated to work through an extended season
- 8. 6-month protection against the toughest [southwestern] weeds*
- 9. For desert gardens
- 10. Southwestern formula
- 11. Stops [common] southwest[ern] weeds* before they start
- 12. Prevents [against] [the] tough[est] southwestern weeds*
- 13. Prevents [common] southwest[ern] weeds* for 6 months [guaranteed]
- 14. Blocks [common] southwest[ern] weeds* for 6 months [guaranteed]
- 15. Prevents the toughest southwest[ern] weeds*
- 16. For water-wise gardens [landscapes] [beds]
- 17. For drought tolerant gardens [landscapes] [beds]
- 18. For water saver gardens [landscapes] [beds]
- 19. [6 month] weed* prevention for drought tolerant gardens
- 20. [6 month] weed* prevention for water-wise gardens
- 21. [Control] [Prevent] weeds* for 6 months in drought tolerant gardens
- 22. [Control] [Prevent] weeds* for 6 months in water-wise gardens
- 23. Drought tolerant garden weed* [control] [prevention]
- 24. Prevent[s] weeds* in [southwest] [gardens] [beds] [landscapes] for 6 months [guaranteed]

OPTIONAL MARKETING CLAIMS [STEP 2/FALL APPLICATION)

- 1. Extended weed* protection
- 2. Catch weeds* before they [have a chance to] emerge
- 3. Prevents early spring weeds* from germinating
- 4. Simplifies spring garden prep[aration]
- 5. Start the season off right
- 6. Weed* prevention [formula] [for] [provides] [extended][6-month] weed protection
- 7. Keeps working into early spring [throughout the winter]
- 8. Provides [extra] [early] protection against [aggressive] [early spring] [early bloomer] weeds* such as (select any weed or list of weeds from weeds controlled section)
- 9. Protects against [aggressive] [early spring] [early bloomer] weeds* such as (select any weed or list of weeds from weeds controlled section)

- 10. Weed Prevention [Step 1] [Spring/Summer]: Apply [PREEN WEED PREVENTER WITH SNAPSHOT] as soon as you see hyacinth blooms to prevent common weeds* from germinating
- Weed Prevention [Step 2] [Fall/Winter]: Apply [PREEN WEED PREVENTER WITH SNAPSHOT] [Step 2] [Fall/Winter] [at end of growing season[] [in late fall] to prevent early spring weed* seeds from germinating.
- 12. Fall [application] [treatment] prevents early spring weeds*
- 13. Apply in fall to prevent early spring weeds*
- 14. [Prevent[s]] [Control[s]] early spring weeds*
- 15. [Control[s]] [Prevent[s]s] fall and early spring weeds* for 6 months [guaranteed]
- 16. [Works] [Prevents weeds*] all [fall] [winter] and early spring
- 17. [Controls] [Prevents] dandelions and other [common] [major] weeds* [for 6 months] [guaranteed]
- 18. Now controls for dandelions
- 19. 6 month [control] [prevention] of fall and spring weeds* [guaranteed]
- 20. Fewer weeds* in spring
- 21. Cool-season weed* [control] [prevention] for [up to] 6 months [guaranteed]
- 22. [6 Month] weed* [control] [prevention] for [fall] [winter] [and] [through] early spring

OPTIONAL MARKETING CLAIMS (POWER APPLICATOR CAP)

- 1. Battery-Powered Applicator
- 2. No shaking!
- 3. Dispenses evenly for better results
- 4. Reusable applicator fits all Preen Bottles
- 5. Includes [2] [AAA] Batteries
- 6. [2] [AAA] batteries included
- 7. Battery-Powered for even coverage
- 8. [xx]% more [product] [coverage]
- 9. Bonus size!
- 10. Bonus size! Xx% more [product] [coverage]
- 11. Bonus size [covers xx sq. ft.]
- 12. [Tips for Use] [Getting Started] [Instructions]
 - a. [Unscrew [applicator] cap] [and] [remove protective seal from] [cap] [top of bottle] [top of container]. [Note to reviewer this step is optional)
 - b. [Open battery door and] remove tab to activate batteries (Note to reviewer this step is optional)
 - c. Turn power switch on while bottle is in an upright position and then tilt toward ground.
 - d. Adjust the angle of the bottle to control the flow.
 - e. Hold bottle steady and apply in an even back and forth motion.
 - f. When finished turn power off while bottle is still pointed downward. (Note to reviewer this step is optional)

- g. If motor gets clogged or stops working, turn power switch off and manually rotate blue dial on top of cap to dislodge granules.
- h. Use protective eyewear when using battery powered cap. (Note to reviewer this step is optional)
- 13. [Dispenses] [Flows] [Spreads] [Covers] [evenly,] [more precisely] [for better results] [for better weed prevention][,] [less work] [easily]
- 14. [Dispenses] [Releases] [Applies] [granules] [products] evenly
- 15. [For] [Provides] [allows for] [even] [precise] [coverage] [application]
- 16. Fast [and][,][&] [Easy] shake-free [dispensing] [applicator] [dispense] [spreader] [just hold and go [and][x][&] follow all label directions]



17.

- Image of cap with product dispensing
- 18. Value Pack[!]
- 19. Includes [Preen] [Battery Powered] [Spreader] [Dispenser] [Dispensing] [Applicator] [Cap] [Spout] and [1] [2] [(specify weight)] refill bag[s] [pictogram]
- 20. [For] [Provides] [uniform] [even] [accurate] coverage
- 21. [Allows for] [Provides] more precise application
- 22. For [an] [even] [uniform] even flow [and more precise application]
- 23. [Lift here to open] [Peel here] [pictogram of an arrow]
- 24. No shaking!
- 25. Press to reseal
- 26. Releases [distributes] product evenly [for uniform coverage] [for best results]
- 27. Saves time
- 28. Simply press to close
- 29. Up to [X minutes] of continuous spreading
- 30. For maximum control
- 31. For [greater] [more accurate] coverage [accuracy]
- 32. Visit <u>www.preen.com</u> for gardening [and weed prevention] tips, [and] [valuable offers] [and more information on Preen products.]
- 33. Instant Savings!
- 34. [\$XX.XX] off [regular price] [visit <u>www.Preen.com</u> for details] [see store associate for details]

- 35. [\$XX.XX] off a future [Preen] purchase [of select Preen Products.] [Visit <u>www.Preen.com</u> for details.] [see store associate for details]
- 36. [\$XX.XX] rebate [Visit <u>www.Preen.com</u> for details.] [see store associate for details]
- \$XX.XX] Rebate [-] Visit [www.Preen.com] [Preen.com] for offer details [,][&] [complete terms & conditions.] [Expires (place holder for DATE)].] [Limit 1 request per household.] [Void where prohibited.]
- 38. [(specify weight)] Refill [size] [bag]
- 39. [Includes] [With] 6 month Weed Barrier [technology]

Graphic options for How Much to Apply Page 7 and 8.

