

Preen®

GARDEN WEED PREVENTER

STOP WEEDS BEFORE THEY START!™



- Prevents weeds up to three months
- Sprinkle around flowers, vegetables, trees, shrubs
- Apply anytime - spring, summer or fall

WEEDS 160 SQ. FT.

Keep out of reach of children

CAUTION

See back panel for additional Precautionary Statements.

Net Wt. 1 lb. (0.45 kg)

ACTIVE INGREDIENT:
Trifluralin 1.47%
OTHER INGREDIENTS: . . . 98.53%
TOTAL 100.00%

Precautionary Statements

Hazards to Humans and Domestic Animals

CAUTION Causes moderate eye irritation. Harmful if swallowed, inhaled or absorbed through the skin. Avoid contact with eyes, skin or clothing. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> • 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:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have 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 ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • 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.

Environmental Hazards

This pesticide is extremely toxic to freshwater marine, and estuarine fish and aquatic invertebrates including shrimp and oyster. Do not apply in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water.

Storage and Disposal

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

Storage: Keep container closed and away from food, feedstuffs and domestic water supplies.

Disposal: If empty: Do not reuse this container. Place in trash or offer for recycling if available. **If partly filled:** Call your local solid waste agency or 1-800 CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

LEBANON SEABOARD CORPORATION
1600 EAST CUMBERLAND STREET
LEBANON, PA 17042
1-800-233-1067
www.preen.com

CAS No. 1582-09-8
EPA Reg. No. 961-280

(L) (D)
EPA Est. 961-PA-01:961-IL-01
Superscript used is first letter of lot number.

PRESS TO RESEAL

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.

This Preen Product is Recommended for Use Around These Established Plants

Bulbs, Flowers, Herbs, Ground Covers & Grasses

Aaronsbeard
 Alyssum
 Arctotis
 Fern, Asparagus
 Aster (perennial)
 Baby's breath
 Balsam
 Beard tongue
 Bee balm
 Begonia
 Bellflower
 Black-eyed susan
 Bleeding heart
 Bunge
 Calendula
 Calliopsis
 Cape weed
 Carex, Variegated
 Carnation
 Carpet bugle (*Ajuga*)
 Ceanothus
 Centaurea, Velvet
 Chrysanthemum
 Coneflower, Purple
 Coral bells
 Coreopsis
 Cornflower, Purple
 Cosmos
 Cotoneaster
 Coyote bush, Dwarf
 Crown vetch
 Daffodil
 Dahlia
 Daisy: African,
 Painted, Shasta,
 Trailing African
 Daylily
 Descampsia
 Dianthus
 Dusty miller
 Fern, Asparagus
 Fescue, Blue
 Floss flower (*Ageratum*)
 Forget-me-not
 Four o'clock
 Foxglove
 Gaillardia
 Gayfeather
 Gazania
 Geranium
 Germander
 Geum
 Gladiolus (corms > 1" in diameter)
 Golden glow
 Grass: Beech, Dwarf
 Mondo, Eulalia,
 Fountain, Mascarene,
 Mondo, Pampas,
 Ribbon, Zoysia
 Guara
 Hakonechloa, Golden
 Hollyhock
 Hosta, Albo-marginata
 Hyacinth
 Ice plant: Largeleaf,
 Trailing, Trailing
 rosea, White
 Impatiens
 Iris, Bulbous
 Ivy: Algerian,
 California, English,
 Needlepoint
 Ixora
 Jasmine: Angelwing,
 Asaian
 Lamb's ears
 Lavander, English
 Lily turf: Big blue, Green/
 creeping, Lilac beauty,
 Magestic, Silvery
 liriope, White
 Lily-of-the-nile
 Lobelia
 Lupine (*Lupinus*)
 Marigold
 Marigold, Cape
 (*Dimorphotheca*)
 Morningglory
 Myoporium
 Narcissus
 Nasturtium
 Nicotiana
 Ozark sundrop
 Periwinkle (*Vinca*)
 Peter Pan, Dwarf
 Petunia
 Phlox
 Pincushion flower
 (*Scabiosa*)
 Plumbago, Dwarf
 Poppy, California
 Portulaca
 Rockrose
 Rose
 Rosemary
 Rudbeckia
 Rupturewort
 Sage, Russian
 Salvia

Bulbs, Flowers, Herbs, Ground Covers & Grasses

Shrubs

Abelia: Edward
 Goucher, Glossy
 Acacia: Abyssinica,
 Prostrate, Shoestring
 Andromeda, Japanese
 Arborvitae: American,
 golden, Emerald,
 Globosa-globe, Little
 giant-dwarf, Minima
 glauca-dwarf, Nigra-
 dark American,
 Pyramidalis-pyramid,
 Rheingold, Techny
 Azalea
 Bamboo: Compacta-
 dwarf, Harbour dwarf-
 heavenly, Heavenly,
 Nana-compacta-
 heavenly, Nana
 heavenly, Nana
 purpurea-heavenly,
 Woods dwarf heavenly
 realleaf Japanese,
 Aurea-golden Japanese,
 Crimson pygmy,
 Japanese, Mento,
 Rose glow, William Penn
 Bottlebrush: Lemon,
 Weeping
 Bougainvillea:
 Barbara Karst,
 California gold, Pink
 pixie, Scarlett O'Hara,
 Temple fire, Texas dawn
 Boxwood: Common,
 Harlands, Japanese,
 Korean, Littleleaf
 Broom: Hollandia-
 warminster, Lena-
 Scotch
 Camellia: Japanese,
 Sasanqua
 Cassia, Feathery
 Century plant
 Cherry: Carolina laurel,
 Dwarf pink flowering
 almond
 Cinquefoil
 Cleysera, Japanese
 Cotoneaster:
 Bearberry, Cranberry,
 Himalayan, Praeco-
 early, Pyrenees, Rock,
 Zabel
 Coyotebush
 Cypress: Filifera-
 thread, Kosteri, Nana-
 dwarf Hinoki, Torulosa
 Daphne, Fragrant
 Deutzia
 Dogwood: Bailey red
 osier, Flaviamea-
 yellowtwig, Sibirica-
 Siberian
 Elaeagnus
 Eustoma: Canadale,
 Emerald'n gold, Silver
 king, Spreading,
 Sunspot, Variegated
 evergreen, Winged,
 Wintercreeper
 Fern: Tassel, Japanese
 painted
 Firethorn (*Pyracantha*)
 Forsythia

Stock

Stoncrop (*Sedum*)
 Strawberry, Beach
 Sunflower
 Sweet alyssum
 Sweet pea
 Sweet sultan
 Sweet william

Thrift

Tickseed
 Tulip
 Verbena
 Wire plant
 Wirevine, Creeping
 Yarrow (*Achillea*)
 Zinnia

Gardenia: August beauty, Mystery, Radican

Guava, Pineapple
 Hawthorn, India
 Heather: Cornish,
 Purple bell,
 Mediterranean pink,
 Spring torch scotch
 Hibiscus, Ross Estey
 Holly
 Honeysuckle: Cape,
 Trumpet
 Hopseed bush
 Ixora
 Jessamine, Carolina
 Juniper
 Lantana
 Laurel: American
 Cherry, Mountain
 Leaf: Copper,
 Salal/lemon
 Leucothoe: Coast,
 Drooping
 Lilac: Common,
 Chinese, Wild
 Lily-of-the-Valley:
 Forest flame, Mountain
 fire, Snowdrift,
 Templebells, Valley
 rose, Valley valentine
 Mahonia: Creeping,
 Leather leaf
 Maple: Amur, Coral
 bark Japanese, Dwarf
 Japanese
 Mock orange
 Myrtle: Grape, Wax
 Oleander: Hardy red,

Shrub & continued

Ruby lace
 Osmanthus, Fortunes
 Palm: Areca, Chinese
 fountain, Christmas,
 Pigmy date, Sago
 Photinia, Fraser's
 Pieris Japonica
 Pine, Mugo-mugho
 Pittosporum: Green,
 Japanese, Wheeler's
 dwarf
 Plumbago
 Privet
 Red Cedar, Eastern
 Rhaphiolepis:
 Chansima-Monruce,

Trees

Ash: Shamell, White
 Banana
 Birch: European
 white, Paper, River
 Blackgum
 Bottle tree
 Carob
 Carrot wood
 Cherry, Yoshino
 flowering
 Coolibah tree
 Cottonwood
 Crabapple
 Cypress: Arizona,
 Bald, Filicoides-
 fernspray, Graclis-
 slender Hinoki,
 Squarrosa-moss,
 Swara false
 Dogwood: Cloud nine,
 Flowering, Kousa
 Elm, Chinese
 Eucaalyptus: Mealy,
 Redgum, Red
 ironbark, Silver dollar
 Fir: Balsam, Douglas,
 White
 Florida anise tree

Enchantress-Moness, Roundleaf, Springtime-

Monne
 Rhododendron
 Robira
 Rose
 Rose, Ramanas
 Rose of Sharon: Heart,
 Red bird, Woodbridge
 Sakaki
 Silverberry
 Skimmia: Japanese,
 Reeve's
 Smoke Tree: Royal
 purple, Coral beauty,
 Eichholz
 Spiraea: Anthony
 Waterer, Bridal wreath,

Ginkgo-maidenhair tree

Hawthorn, Green
 Hemlock: Canada,
 Eastern
 Larch, Japanese
 Linden
 Locust: Black, Honey,
 Shademaster honey
 Magnolia
 Mahogany
 Maple: Albus-
 flowering, Flame,
 Luteus-flowering,
 Norway, Red, Red
 Sunset, Roseus-
 flowering, Silver,
 flowering, Vesuvius
 red-flowering
 Mesquite, Chilean
 Mulberry, White
 Oak: Bear, Live, Pin,
 Red, Scarlet, Willow
 Olive: Black, Russian
 Palm: Mexican fan,
 Parlor, Queen
 Pine: Austrian, Beach,
 Bosnian, Bristlecone,
 Canary Island,
 Columar, Scotch,
 Eastern white,

Doichia, False, Japanese alpine, Shirabana, Vanhoutte

Sumac, African
 Summersweet
 Sweetspire, Henry
 Garnet holly leaf
 Viburnum
 Weigela
 Willow
 Woodwaxen
 Woodbine: Flowering,
 Serotina
 Xylosma
 Yew: Anglojap, Plum,
 Upright Japanese
 Yewpine
 Yucca

Eldarica, Japanese black, Loblolly, Monterey, Pumilio-

shrubby swiss
 mountain, Red,
 Scotch, Shore
 Planetree, London
 Podocarpus
 Redbud, Eastern
 Red Cedar, Giant
 Sequoia, Giant
 Sourwood
 Spruce: Colorado,
 Dwarf Alberta, Dwarf
 globe blue, Glauca-
 Colorado blue,
 Hoopsii-Hoop's blue,
 Koster-Koster blue,
 Norway, Pendula-
 weeping Norway,
 Repens-spreading
 Norway, White
 Sweetgum, American
 Sycamore: American,
 California
 Tab, Yellow
 Toyon
 Tuliptree
 Willow

Nonbearing Fruit and Nut Trees and Plants -

Almond
Apple
Apricot
Avocado
Blackberry
Blueberry
Cherry: Sweet, Sour
Chestnut, Chinese
Currant
Dewberry
Elderberry

Fig
Filbert
Gooseberry
Grape: American,
European
Grapefruit
Kiwi
Lemon
Loganberry
Macadamia nut
Nectarine

Olive
Orange
Peach
Pear
Pecan
Pistachio
Plum
Pomegranate
Prune
Raspberry
Tangelo
Tangerine

Annual Weeds Controlled

Grassy weeds: Cheat
Crabgrass
Cupgrass
Barnyardgrass
(Watergrass)
Bluegrass,
Annual
Brome

Goosegrass
Johnsongrass
(from seed)
Junglerice
(Brachiaria)
Lovegrass
Oat, Wild
Panicum: Fall,
Texas

Sandbur
Shattercane
Signalgrass
Woolly
Stinkgrass
Wildcane

Broadleaf weed: Goosefoot
Carelessweed
Carpetweed
Chickweed

Kochia
Lambquarters
Nettle, Stinging
Pigweed

Puncturevine
(Western U.S.
only)
Purslane

Directions for Use

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

General Precautions and Restrictions
Not for use on plants being grown for sale or other commercial use, or for commercial seed production or for research purposes. For use on plants intended for aesthetic purposes, or climatic modifications and being grown in ornamental gardens.

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application.

Do not apply to Ailago, Myrtle or Pachysandra until it is well established, as injury may result. Do not apply Preen Garden Weed Preventer to muck soils or to soils containing more than 10% organic matter. Do not over-apply; injury may occur to subsequent crops which are sensitive to this product. Do not use with crops other than those listed on this label. **This product is not for use on lawns**, nor for use in enclosed areas, such as greenhouses. To prevent possible staining to unintended surfaces, ex.: concrete, stone walks, vinyl surfaces, etc., sweep up stray granules as soon as possible.

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 to enter the treated areas (except those involved in the watering) until the watering-in is complete and the surface is dry.

Applying Around Established Plants & Transplants

For flowers, roses, herbs, ground covers, ornamental grasses, shrubs, trees and listed vegetables at least 2"-3" tall (see special section for use on vegetables); sprinkle Preen Garden Weed Preventer evenly over the entire soil surface, at the rate of 1 oz. per 10 sq. ft. (see picture on right), being sure to keep granules away from plant roots and foliage. Immediately water this product into soil surface. If watering-in is not convenient, lightly rake into soil surface. Always wash or brush off stray granules from plant foliage to avoid damage or discoloration.



Surface Application Rate
Sprinkle Preen Garden Weed Preventer as shown on soil surface.

Applying with Mulch

For best weed control, we recommend applying Preen Garden Weed Preventer after spreading mulch on your flower and shrub beds. Sprinkle it on top of mulch at surface rate (see picture above), being sure to keep granules away from plant foliage. Immediately water this product into mulch. If watering-in is not convenient, lightly rake into top layer of mulch. Always wash or brush off stray granules from plant foliage to avoid damage or discoloration.

For Use On Vegetables

First remove all existing weeds, then lightly rake to prepare a smooth soil surface. Uniformly mix Preen Garden Weed Preventer into the top 1-2 inches of soil immediately after application, using care not to damage any emerged crops. Rate of application depends on type of soil. Apply at 1 lb. per 640 sq. ft. for heavy clay-type soils, at 1 lb. per 960 sq. ft. for medium loam soils, and at 1 lb. per 1,280 sq. ft. for light sandy soils.

BEFORE Seeding: Broccoli, Brussels Sprouts, Cabbage, Carrots, Cauliflower, Celery, Collard, Black-Eyed Peas, Field Peas, Green Peas, Kale, Lentils, Lima Beans, Mustard Greens, Okra, Radish, Southern Peas (Cow Peas), Snap Beans, Turnip Greens.

AFTER Seeding or Transplanting: Cantaloupes, Cucumbers, Watermelons. Apply after plants have developed 5 or more leaves.

AFTER Planting: Potatoes (except in Maine) - May be applied after planting, before or after emergence. Use care not to damage seed pieces in cultivating nor allow treated soil to contact emerged plant foliage.

BEFORE Transplanting: Celery, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Eggplant, Peppers, Onions, Tomatoes.

Perennial Vegetables: Asparagus - Apply prior to spear emergence of established plants.

What This Preen Product Does

Preen Garden Weed Preventer prevents most weeds from germinating in flower and vegetable gardens, in ground covers and around trees and shrubs. Although this product will not kill existing weeds, it will prevent new weeds from sprouting - eliminating the need for difficult and time-consuming hand weeding. Without weeds, your valuable plants can grow larger and stronger. Your beds will stay neat and weed-free all season long!

When to Apply

Apply Preen Garden Weed Preventer anytime during the growing season around established plants and transplants. This product should not be used on flower seeds. It can be used after flowering plants have germinated and are 2-3 inches tall. This product may also be incorporated into the soil when seeding vegetables or applied after mulching beds. Since it does not kill existing weeds, you must first remove any that have begun to grow. By applying this product as early as possible, you can eliminate the need for hand weeding.

Rain does not wash this product out of the soil. To keep ornamental beds weed-free all season long, reapply this product every 9-12 weeks.

How to Apply

To avoid plant injury, do not apply Preen Garden Weed Preventer when foliage is wet. When plants are dry, sprinkle this product on soil surface at rate given for your specific planting situation. Once activated by watering or soil incorporation, it forms a weed control barrier in the top layer of soil, preventing weed seeds from germinating. Disturbance to the soil surface after activation may result in erratic weed control.

PREEN GUARANTEE

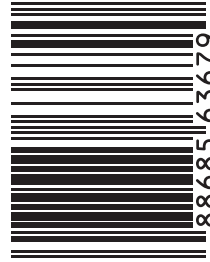
Lebanon Seaboard Corporation guarantees you will be satisfied with the performance of this product when used as directed, or your money back. If not

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