

# 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 2,080 SQ. FT.**



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

Keep out of reach of children

**CAUTION**

See back panel for additional Precautionary Statements.

**Net Wt. 13 lbs. (5.90 kg)**



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**Not for Use on Lawns**

### 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 satisfied, describe the nature of your problem, and send with proof of purchase to:

**LEBANON SEABOARD CORPORATION**  
1600 EAST CUMBERLAND STREET  
LEBANON, PA 17042



1-800-233-1067

Visit [www.preen.com](http://www.preen.com)



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.

Preen® is a registered trademark of Lebanon Seaboard Corporation.

CAS No. 1582-09-8

EPA Reg. No. 961-280



PROOF OF PURCHASE

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

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**GARDEN WEED PREVENTER**

**Preen Works, So You Don't Have To.™**

### 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

<b>IF IN EYES:</b>	<ul style="list-style-type: none"><li>• 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.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF SWALLOWED:</b>	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to do so by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
<b>IF ON SKIN OR CLOTHING:</b>	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
<b>IF INHALED:</b>	<ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>

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.

## Directions for Use

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

### 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.

## General Information

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!

### 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 Ajuga, 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.

## Annual Weeds Controlled

### Grassy weeds:

Barley, Hare	Cheat	Fescue, Rattail	(from seed)	Texas	Sprangletop
Barnyardgrass	Crabgrass	Foxtail	Junglerice	Sandbur	Stinkgrass
(Watergrass)	Cupgrass:	Guineagrass	Lovegrass	Shattercane	Wildcane
Bluegrass, Annual	Southwestern,	Goosegrass	Oat, Wild	Signalgrass	Witchgrass
Brome	Woolly	Johnsongrass	Panicum: Fall,	( <i>Brachiaria</i> )	Barley, Hare

### Broadleaf weeds:

Carpetweed	Henbit	Lambsquarters	Puncturevine	Purslane
Chickweed	Knotweed	Nettle, Stinging	(Western U.S. only)	Pusley, Florida
Carexweed	Goosefoot	Kochia	Pigweed	Thistle, Russian

## When to Apply

Apply Preen Garden Weed Preventer anytime during the growing season around established plants and transplants. **Preen Garden Weed Preventer 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 already begun to grow. By applying Preen Garden Weed Preventer 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 Preen Garden Weed Preventer 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 below 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.

## 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 - 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.

## This Preen Product Is Recommended for Use Around These Established Plants

### Bulbs, Flowers, Herbs, Ground Covers & Ornamental Grasses -

Aaronsbeard	Daisy: African, Painted, Shasta, Trailing African	Impatiens	Poppy, California
Alyssum	Daylily	Iris, Bulbous	Portulaca
Arctotis	Descampsia	Ivy: Algerian, California, English, Needlepoint	Rockrose
Aster (perennial)	Dianthus	Ixora	Rose
Aster, Stoke's	Dusty miller	Jasmine: Angelwing, Asian	Rosemary
Baby's breath	Fern, Asparagus	Lamb's ears	Rudbeckia
Balsam	Fescue, Blue	Lavender, English	Rubtrewort
Beard tongue	Floss flower ( <i>Ageratum</i> )	Forget-me-not	Sage, Russian
Bee balm	Four o'clock	Lily turf: Big blue, Green/creeping, Lilac beauty,	Salvia
Begonia	Foxglove	Magestic, Silvery sunproof, Variegated	Silver mound
Bellflower	Galliardia	liropo, White	Snappdragon
Black-eyed susan	Gayfeather	Lily-of-the-nile	Snow-in-summer
Bleeding heart	Gazania	Lobelia	Snow-on-the-mountain
Bunge	Geranium	Lupine ( <i>Lupinus</i> )	Speedwell
Calendula	Germander	Marigold	Spurge, Japanese
Calliopsis	Geum	Marigold, Cape ( <i>Dimorphotheca</i> )	St. John's wort
Cape weed	Gladiolus (corms > 1" in diameter)	Morningglory	Statice
Carex, Variegated	Golden glow	Myoporum	Stock
Carnation	Grass: Beach, Dwarf	Narcissus	Stoncrop ( <i>Sedum</i> )
Carpet bugle ( <i>Ajuga</i> )	Mondo, Eulalia, Fountain, Mascarene, Mondo,	Nasturtium	Strawberry, Beach
Ceanothus	Pampas, Ribbon, Zoysia	Nicotiana	Sunflower
Centauria, Velvet	Guara	Ozark sundrop	Sweet alyssum
Chrysanthemum	Hakonechloa, Golden	Periwinkle ( <i>Vinca</i> )	Sweet pea
Coneflower, Purple	Hollyhook	Peter Pan, Dwarf	Sweet sultan
Coral bells	Hosta, Albo-marginata	Petunia	Sweet william
Coreopsis	Hyacinth	Phlox	Thrift
Cornflower, Purple	Ice plant: Largeleaf, Trailing, Trailing rosea, White	Pincushion flower ( <i>Scabiosa</i> )	Tickseed
Cosmos		Plumbago, Dwarf	Tulip
Cotoneaster			Verbena
Coyote bush, Dwarf			Wire plant
Crown vetch			Winevine, Creeping
Daffodil			Yarrow ( <i>Achillea</i> )
Dahlia			Zinnia

### Shrubs -

Abelia: Edward Goucher, Glossy	Broom: Hollandia-warminster, Lena-Scottch	Heather: Cornish, Purple bell, Mediterranean pink, Spring torch scotch	Pittosporum: Green, Japanese, Wheeler's dwarf
Acacia: Abyssinica, Prostrate, Shoestring	Camellia: Japanese, Sasangua	Hibiscus, Ross Estey	Plumbago
Andromeda, Japanese	Cassia, Feathery	Holly	Privet
Arborvitae: American, Aureus nana-dwarf golden, Emerald, Globosa-globe, Little giant-dwarf, Minima glauca-dwarf, Nigra-dark American, Pyramidalis-pyramid, Rheingold, Techny	Century plant	Honeysuckle: Cape, Trumpet	Red Cedar, Eastern
Azalea	Cherry: Carolina laurel, Dwarf pink flowering almond	Hopsed bush	Rhaphioplepis: Charisma-Monruce, Enchantress-Moness, Roundleaf, Springtime-Monme
Bamboo: Compacta-dwarf, Harbour dwarf-heavenly, Heavenly, Nana-compacta-heavenly, Nana purpurea-heavenly, Woods dwarf heavenly	Cinquefoil	Ixora	Rhododendron
Barberry: Atropurea-redleaf Japanese, Aurea-golden Japanese, Crimson pygmy, Japanese, Mento, Rose glow, William Penn	Cleyera, Japanese	Jessamine, Carolina Juniper	Robira
Bottlebrush: Lemon, Weeping	Cotoneaster: Bearberry, Cranberry, Himalayan, Praecox-early, Pyrenees, Rock, Zabel	Lantana	Rose
Bougainvillea: Barbara Karst, California gold, Pink pixie, Scarlett O'Hara, Temple fire, Texas dawn	Coyotebush	Laurel: American Cherry, Mountain	Rose of Sharon: Heart, Red bird, Woodbridge
Boxwood: Common, Harlands, Japanese, Korean, Littleleaf	Cypress: Filifera-thread, Kosteri, Nana-dwarf Hinoki, Torulosa	Leaf: Copper, Sala/lemon	Sakaki
	Daphne, Fragrant	Leucothoe: Coast, Drooping	Silverberry
	Deutzia	Lilac: Common, Chinese, Wild	Skimmia: Japanese, Reeve's
	Dogwood: Bailey red osier, Flaviramea-yellow-twig, Sibirica-Siberian	Lily-of-the-Valley: Forest flame, Mountain fire, Snowdrift, Temple-bells, Valley rose, Valley valentine	Smoke Tree: Royal purple, Coral beauty, Eichholz
	Elaeagnus	Mahonia: Creeping, Leather leaf	Spiraea: Anthony Waterer, Bridal wreath, Dolchia, False, Japanese alpine, Shirobana, Vanhoutte
	Euonymus: Canadale, Emerald'n gold, Silver king, Spreading, Sunspot, Variegated evergreen, Winged, Wintercreeper	Maple: Amur, Coral bark Japanese, Dwarf Japanese	Sumac, African
	Fern: Tassel, Japanese painted	Mock orange	Summersweet
	Firethorn ( <i>Pyracantha</i> )	Myrtle: Crape, Wax	Sweetspire, Henry
	Forsythia	Oleander: Hardy red, Ruby lace	Garnet holly leaf
	Gardenia: August beauty, Mystery, Radican	Osmanthus, Fortunes	Viburnum
	Guava, Pineapple	Palm: Areca, Chinese fountain, Christmas Pigmy date, Sago	Weigela
	Hawthorn, India	Photinia, Fraser's	Willow
		Pinus	Woodwaxen
			Woolbine: Flowering, Serotina
			Xylosma
			Yew: Angiojap, Plum, Upright Japanese
			Yewpine
			Yucca

### Trees -

Ash: Shamel, White	Flowering, Kousa	Norway, Red, Red Sunset, Roseus-flowering, Silver, Sugar, Tangerine-flowering, Vesuvius red-flowering	Planetree, London
Banana	Eucalyptus: Mealy, Redgum, Red ironbark, Silver dollar	Mesquite, Chilean	Podocarpus
Birch: European white, Paper, River	Ficus, Mini	Mulberry, White	Redbud, Eastern
Blackgum	Fir: Balsam, Douglas, White	Oak: Bear, Live, Pin, Red, Scarlet, Willow	Red Cedar, Eastern
Bottle tree	Florida anise tree	Olive: Black, Russian	Sequoia, Giant Saurwood
Carob	Ginkgo- maidenhair tree	Palm: Mexican fan, Parlor, Queen	Spruce: Colorado, Dwarf
Carrot wood	Hawthorn, Green	Pine: Austrian, Beach, Bosnian, Bristlecone, Canary Island, Columnar, Scotch, Eastern white, Eldarica, Japanese black, Loblolly, Monterey, Pumioli-shrubby swiss mountain, Red, Scotch, Shore	Albarta, Dwarf globe blue, Glauca-Colorado blue, Hoopsii-Hoop's blue, Koster-Koster blue, Norway, Pendula-weeping Norway, Repens-spreading Norway, White
Cherry, Yoshino flowering	Hemlock: Canada, Eastern	Larch, Japanese	Sweetgum, American
Coolibah tree	Linden	Magnolia	Sycamore: American, California
Cottonwood	Locust: Black, Honey, Shademaster honey	Mahogany	Tab, Yellow
Crabapple	Magnolia	Maple: Albus-flowering, Flame, Luteus-flowering,	Toyon
Cypress: Arizona, Bald, Filicoides-fern spray, Graecilis-slender Hinoki, Squarrosa-moss, Swara false	Mahogany	Maple: Albus-flowering, Flame, Luteus-flowering,	Tulip tree
	Maple: Cloud nine,		Willow

### Nonbearing Fruit and Nut Trees and Plants -

Almond	Dewberry	Lemon	Pistachio
Apple	Elderberry	Lemonberry	Plum
Apricot	Fig	Macadamia nut	Pomegranate
Avocado	Filbert	Nectarine	Prune
Blackberry	Gooseberry	Olive	Raspberry
Blueberry	Grape: American, European	Orange	Tangelo
Cherry: Sweet, Sour	Grapefruit	Peach	Tangerine
Chestnut, Chinese	Kiwi	Pear	Walnut: Black, English
Currant		Pecan	