



TO OPEN: Cut along dotted line



Preen®

GARDEN

WEED PREVENTER

STOP WEEDS*
Before They Start!

Blocks Weeds*
Up To 3 Months Guaranteed!
Covers 2080 Sq. Ft.

KEEP OUT OF REACH
OF CHILDREN

CAUTION

See back panel for
First Aid and additional
Precautionary Statements.

ACTIVE INGREDIENT:

Trifluralin 1.47%

OTHER INGREDIENTS: . . . 98.53%

TOTAL 100.00%

*See Use Directions for complete list of treated weeds.

Net Wt. 13 lbs (5.90 kg)



Not For Use on Lawns

Killing Weeds vs. Weed Prevention



Pulling or spraying only eliminates weeds already above ground.



Preventing creates a weed barrier that stops weeds* from germinating.

Reapply every 3 months. It's never too late or too early to apply Preen Garden Weed Preventer! Use around listed flowers, vegetables, trees and shrubs.

*See Use Directions for complete list of treated weeds.

Scan the code to watch how Preen prevents weeds or visit: www.preen.com/preventweeds



The Preen Routine Easy Steps to Weed Prevention



Remove Existing Weeds



Sprinkle Product Evenly



Water Product Into Soil

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:

- 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 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:

- 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:

- 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 directly to water. Do not apply in a manner which will directly expose canals, lakes, streams, ponds, marshes or estuaries to drift or runoff. Do not contaminate water when disposing of equipment washwaters or rinsate. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather will help to ensure that wind does not blow 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.

Directions For Use

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

Product Information

Preen Garden Weed Preventer prevents most weeds from germinating in flower and vegetable gardens, in ground covers and around trees and shrubs. Although Preen Garden Weed Preventer 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. Your beds will stay neat all season long.

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 Preen Garden Weed Preventer. 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
- Barnyardgrass (Watergrass)
- Bluegrass, Annual
- Brome
- Cheat
- Crabgrass
- Cupgrass: Southwestern, Woolly
- Fescue, Rattail
- Foxtail
- Guineagrass

BROADLEAF WEEDS:

- Carelessweed
- Carpetweed
- Chickweed
- Goosefoot
- Henbit
- Knotweed
- Kochia

- Goosegrass
- Johnsongrass (from seed)
- Junglerice
- Lovegrass
- Oat, Wild

- Panicum: Fall, Texas
- Sandbur
- Shattercane
- Signalgrass (Brachiaria)

- Sprangletop
- Stinkgrass
- Wildcane
- Witchgrass

- (Western U.S. only)
- Purslane
- Pusley, Florida
- Thistle, Russian

When To Apply Preen Garden Weed Preventer

Apply Preen Garden Weed Preventer during the growing season around established plants and transplants. **Do not use Preen Garden Weed Preventer on flower seeds.** It can be used after flowering plants have germinated and are 2-3 inches tall. Preen Garden Weed Preventer 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. **Reapply Preen Garden Weed Preventer every 9-12 weeks.**

How To Apply Preen Garden Weed Preventer

To avoid plant injury, do not apply Preen Garden Weed Preventer when foliage is wet. When plants are dry, sprinkle Preen Garden Weed Preventer on soil surface at rate given below for your specific planting situation. Once activated by watering or soil incorporation, Preen Garden Weed Preventer 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.

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.

Applying Around Established Plants And Transplants

For flowers, roses, ground covers, ornamental grasses, shrubs, trees and listed vegetables at least 2-3 inches 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.



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

Immediately water Preen Garden Weed Preventer 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.

Applying Preen Garden Weed Preventer With Mulch

For best weed control, apply Preen Garden Weed Preventer after spreading mulch on your flower and shrub beds. Sprinkle Preen Garden Weed Preventer on top of mulch at surface rate (see picture above), being sure to keep granules away from plant foliage. Immediately water Preen Garden Weed Preventer 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.

Preen Garden Weed Preventer Is Suggested For Use Around These Established Plants

BULBS, FLOWERS, GROUND COVERS & ORNAMENTAL GRASSES

Aaronsbeard	Shasta, Trailing African	Iris, Bulbous	Portulaca
Alyssum	Daylily	Ivy: Algerian, California, English, Needlepoint	Rockrose
Arctotis	Descampsia		Rose
Aster (perennial)	Dianthus		Rudbeckia
Aster, Stoke's	Dusty miller		Rupturewort
Baby's breath	Fern, Asparagus	Jasmine: Angelwing, Asaian	Salvia
Balsam	Fescue, Blue	Lamb's ears	Silver mound
Beard tongue	Floss flower (Ageratum)	Lavander, English	Snapdragon
Bee balm	Forget-me-not	Lily turf: Big blue, Green/creeping, Lilac beauty, Magestic, Silvery sunproof, Variegated	Snow-in-summer
Begonia	Four o'clock		Snow-on-the-Mountain
Bellflower	Foxglove		Speedwell
Black-eyed susan	Gaillardia		Spurge, Japanese
Bleeding heart	Gayfeather		St. John's wort
Bunge	Gazania		Stalice
Calendula	Geranium		Stock
Calliopsis	Germander		Stonecrop (Sedum)
Cape weed	Geum		Strawberry, Beach
Carex, Variegated	Gladiolus (corms > 1" in diameter)		Sunflower
Carnation	Golden glow		Sweet alyssum
Carpet bugle (Ajuga)	Grass: Beech, Dwarf Mondo, Eulalia, Fountain, Mascarene, Mondo, Pampas, Ribbon, Zoysia		Sweet pea
Ceanothus			Sweet sultan
Centaurea, Velvet			Sweet william
Chrysanthemum			Thrift
Coneflower, Purple			Tickseed
Coral bells			Tulip
Coreopsis			Verbena
Cornflower, Purple			Wire plant
Cosmos			Wirevine, Creeping
Cotoneaster			Yarrow (Achillea)
Coyote bush, Dwarf			Zinnia
Crown vetch			
Daffodil			
Dahlia			
Daisy: African, Painted,			

SHRUBS	Bottlebrush: Lemon, Weeping	Daphne, Fragrant	Juniper
Abelia: Edward Goucher, Glossy	Bougainvillea	Deutzia	Lantana
Acacia: Abyssinica, Prostrate, Shoestring	Barbara Karst, California gold, Pink pixie, Scarlett O'Hara, Temple fire Texas dawn	Dogwood: Baileyi red osier, Flaviramea-yellow-twig, Sibirica-Siberian	Laurel: American Cherry, Mountain
Andromeda, Japanese		Elaeagnus	Leaf: Copper, Salal/lemon
Arborvitae: American, Aureus nana-dwarf golden, Emerald, Globosa-globe, Little giant-dwarf, Minima glauca-dwarf, Nigra-dark American, Pyramidalis pyramid, Rheingold, Techny		Euonymus: Canadale, Emerald'n gold, Silver king, Spreading, Sunspot, Variegated evergreen, Winged, Wintercreeper	Leucothoe: Coast, Drooping
Azalea		Fern: Tassel, Japanese painted	Lilac: Common, Chinese, Wild
Bamboo: Compacta-dwarf, Harbour dwarf-heavenly, Heavenly, Nana-compacta-heavenly, Nana purpurea-heavenly, Woods dwarf heavenly		Firethorn (Pyracantha)	Lily-of-the-Valley: Forest flame, Mountain fire, Snowdrift, Temple-bells, Valley rose, Valley valentine
Barberry: Atropurea-redleaf Japanese, Aurea-golden Japanese, Crimson pygmy, Japanese, Mento, Rose glow, William Penn		Forsythia	Mahonia: Creeping, Leather leaf
		Gardenia: August beauty, Mystery, Radican	Maple: Amur, Coral bark Japanese, Dwarf Japanese
		Guava, Pineapple	Mock orange
		Hawthorn, India	Myrtle: Crape, Wax
		Heather: Cornish, Purple bell, Mediterranean pink, Spring torch scotch	Oleander: Hardy red,
		Hibiscus, Ross Estey	
		Holly	
		Honeysuckle: Cape, Trumpet	
		Hopseed bush	
		Ixora	
		Jessamine, Carolina	

continued

SHRUBS - cont'd	Red Cedar, Eastern	Skimmia: Japanese, Reeve's	Garnet holly leaf
Ruby lace	Rhaphiolepis: Charisma-Monruce, Enchantress-Moness, Roundleaf, Springtime-Monme	Smoke Tree: Royal purple, Coral beauty, Eichholz	Viburnum
Osmanthus, Fortunes		Spiraea: Anthony Waterer, Bridal wreath, Dolchia, False, Japanese alpine, Shirobana, Vanhoutte	Weigela
Palm: Areca, Chinese fountain, Christmas, Pigmy date, Sago			Willow
Photinia, Fraser's			Woodwaxen
Pieris Japonica			Woodbine: Flowering, Serotina
Pine, Mugo-mugho			Xylosma
Pittosporum: Green, Japanese, Wheeler's dwarf			Yew: Anglojap, Plum, Upright Japanese
Plumbago			Yewpine
Privet			Yucca

TREES	Silver dollar	Vesuvius red-flowering	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
Ash: Shamel, White	Ficus, Mini	Mesquite, Chilean	
Birch: European white, Paper, River	Fir: Balsam, Douglas, White	Oak: Bear, Live, Pin, Red, Scarlet, Willow	
Blackgum	Florida anise tree	Palm: Mexican fan, Parlor, Queen	
Bottle tree	Ginkgo-maidenhair tree	Pine: Austrian, Beach, Bosnian, Bristlecone, Canary Island, Columnar Scotch, Eastern white, Eldarica, Japanese black, Loblolly, Monterey, Pumilio-shrubby swiss mountain, Red, Scotch, Shore	
Carrot wood	Hawthorn, Green Hemlock: Eastern		
Cherry, Yoshino flowering	Larch, Japanese		
Coolibah tree	Linden		
Cottonwood	Locust: Black, Honey, Shademaster honey		
Cypress: Arizona, Bald, Filicoides-fernspray, Gracilis-slender Hinoki, Squarrosa-moss, Swara false	Magnolia		
Dogwood: Cloud nine, Flowering, Kousa	Mahogany		
Elm, Chinese	Maple: Albus-flowering, Flame, Luteus-flowering, Norway, Red, Red Sunset, Roseus-flowering, Silver, Sugar, Tangerine-flowering,		
Eucalyptus: Mealy, Redgum, Red ironbark,			

FRUITS AND VEGETABLES	Carrots	Eggplant	Lima Beans	Potatoes	Snap Beans
Asparagus	Brussels	Cauliflower	Field Peas	Mustard Greens	Radishes
Broccoli	Sprouts	Celery	Green Peas	Okra	Southern Turnip Greens
Black-Eyed Peas	Cabbage	Collard	Kale	Onions	Peas
	Cantaloupes	Cucumbers	Lentils	Peppers	(Cow Peas)

NONBEARING FRUIT AND NUT TREES AND PLANTS+	Kiwi	Russian	Pomegranate
Almond	Blueberry	Chinese	Filbert
Apple	Carob	Crabapple	Gooseberry
Apricot	Cherry:	Currant	Grape:
Avocado	Sweet,	Dewberry	American,
Banana	Sour	Elderberry	European
Blackberry	Chestnut,	Fig	Grapefruit
			Olive: Black,
			Plum
			Peach
			Pear
			Pecan
			Pistachio
			Walnut:
			Black, English

*Nonbearing fruit and nut trees and plants are defined as plants that will not bear fruit for at least one year after treatment.

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

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.

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Preen® is a registered trademark of Lebanon Seaboard Corporation.

**Manufactured by / Fabricado por: Lebanon Seaboard Corporation
 1600 East Cumberland Street | Lebanon, PA 17042**