

(New 3/18/05)

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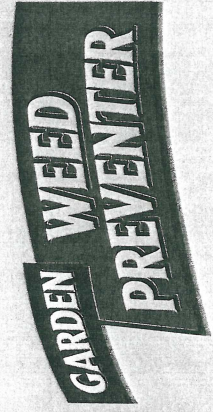
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H&G

Preen®

Not for Use
on Lawns

GARDEN WEED PREVENTER



Stop weeds before they start!



10% MORE
THAN PREVIOUS
CONTAINER

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

Preen®

WEEDS 2800 sq. ft.

WEEDS 2800 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. 17 lbs. 8 oz. (7.94 kg)



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Preen®

GARDEN WEED PREVENTER

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 refill the canister with anything but Preen Garden Weed Preventer. Place container 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.

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



Preen® is a registered trademark of Lebanon Seaboard Corporation.

7/04

This container is constructed from 85% recycled box board.

PROOF OF PURCHASE

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.

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.

Preen®

GARDEN WEED PREVENTER

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!

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 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 intended 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.

When to Apply

Apply Preen Garden Weed Preventer anytime during the growing season around established plants and transplants. 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 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 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.

This Preen Product is Recommended for Use Around These Established Plants

Users who wish to use this product on plant species not recommended on this label may determine suitability for such uses by making a trial application at the recommended rate to a small number of plants. Before applying to a large number of plants, treated plants should be observed for 30 to 60 days of normal growing conditions to determine if application is non-injurious. The user assumes responsibility for any plant damage or other liability resulting from the use of this product on plant species not recommended on this label.

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

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

Shrubs -

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

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.



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

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.

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, Tumip 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.

Trees -

Ash: Shamel, 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, Gracilis-

slender Hinoki,

Squarrosa-moss,

Swara false

Dogwood: Cloud

rime, Flowering,

Kousa

Elm, Chinese

Eucalyptus: Mealy,

Redgum, Red iron-

bark, Silver dollar

Ficus, Mini

Fir: Balsam, Douglas,

White

Florida anise tree

Ginko-maidenhair

tree

Hawthorn, Green

Hemlock: Canada,

Eastern

Larch, Japanese

Linden

Locust: Black, Honey,

Shadmaster honey

Magnolia

Mahogany

Maple: Albus-

flowering, Flame,

Luteus-flowering,

Norway, Red, Red

Sunset, Roseus-

flowering, Silver,

Sugar, Tangerine-

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, Columnar

Scotch, Eastern

white, Eldarica,

Japanese black,

Loblolly, Monterey,

Pumilio- shrubby

swiss mountain,

Red, Scotch, Shore

Planetree, London

Podocarpus

Redbud, Eastern

Red Cedar, Eastern

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

Non-bearing 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

Walnut: Black,

English

Annual Weeds Controlled

Grassy weeds:

Barley, Hare

Barnyardgrass

(Watergrass)

Bluegrass,

Annual

Brome

Cheat

Crabgrass

Cupgrass: South-

western, Woolly

Fescue, Rattail

Foxtail

Guineagrass

Goosegrass

Johnsongrass

(from seed)

Junglerice

Lovegrass

Oat, Wild

Panicum: Fall,

Texas

Sandbur

Shattercane

Signalgrass

(*Brachiaria*)

Sprangletop

Stinkgrass

Wildcane

Witchgrass

Broadleaf weeds:

Carelessweed

Carpetweed

Chickweed

Goosefoot

Henbit

Knotweed

Kochia

Lambsquarters

Nettle, Stinging

Pigweed

Puncturevine

(Western U.S.

only)

Purslane

Pusley, Florida

Thistle, Russian