

# Preen®

## GARDEN WEED PREVENTER PLUS FERTILIZER

**STOP WEEDS BEFORE THEY START!™**



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

WEEDS **80** 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..... 0.74%  
OTHER INGREDIENTS... 99.26%  
TOTAL.....100.00%

**This Preen Product is Recommended for Use Around These Established Plants**

**Bulbs, Flowers, Herbs, Ground Covers & Ornamental Grasses –**

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

**Bulbs, Flowers, Herbs, Ground Covers & Ornamental Grasses –**

Silver mound	Stock	Thrift
Snagdragon	Stoncrop (Sedum)	Tickseed
Snow-in-snow	Strawberry, Beach	Tulip
Snow-on-the-mountain	Sunflower	Verbena
Speedwell	Sweet alyssum	Wire plant
Spurge, Japanese	Sweet pea	Wirevine, Creeping
St. John's wort	Sweet sultan	Yarrow (Achillea)
Statice	Sweet william	Zinnia

<b>Shrubs -</b>	Broom: Hollandia-	beauty, Mystery,
Abelia: Edward	warminster, Lena-	Radican
Goucher, Glossy	Scotch	Guava, Pineapple
Acacia: Abyssinica,	Camelia: Japanese,	Hawthorn, India
Prostrate, Shoestring	Sasanqua	Heather: Cornish,
Andromeda, Japanese	Cassia, Feathery	Purple bell,
Arbortvitae: American,	Century plant	Mediterranean pink,
Aureus nana-dwarf	Cherry: Carolina laurel,	Spring torch scotch
golden, Emerald,	Dwarf pink flowering	Hibiscus, Ross Estey
Globosa-globe, Little	almond	Holly
giant-dwarf, Minima	Cinquefoil	Honeysuckle: Cape,
dark American,	Cleypa, Japanese	Trumpet
Pyramidalis-pyramid,	Cotoneaster:	Hopseed bush
Rheingold, Techny	Beatberry, Cranberry,	Ixora
early, Pyrenees, Rock-	Himalayan, Praecox-	Jessamine, Carolina
Zabel	Zabel	Juniper
Coyotebush	Laurel: American	Lantana
Cypress: Filifera-	Cherry, Mountain	Leaf: Copper,
thread, Kosteri, Nana-	dwarf Himoki, Torulosa	Salal/lemon
dwarf Himoki, Torulosa	Daphne, Fragrant	Leucothoe: Coast,
Drooping	Deutzia	Lilac: Common,
Chinese, Wild	Dogwood: Bailey red	Lily-of-the-Valley:
Forest flame, Mountain	osier, Flaviramea-	slender Hinoki,
fire, Snowdrift	yellowtwig, Sibirica-	Squarrosa-moss,
Templeballs, Valley	Siberian	Swarra false
rose, Valley valentine	Elaeagnus	Dogwood: Cloud nine,
Mahonia: Creeping,	Eumyrtus: Canadale,	Flowering, Kousa
Leather leaf	Emerald'n gold, Silver	Elm, Chinese
Maple: Amur, Coral	king, Spreading	Eucalyptus: Mealy,
bark Japanese, Dwarf	Sunspot, Variegated	Redgum, Red
Japanese	evergreen, Winged,	ironbark, Silver dollar
Mock orange	Wintercreeper	Ficus, Mini
Myrtle: Crape, Wax	Fern: Tassel, Japanese	White
Oleander: Hardy red,	Painted	Florida anise tree
	Firethorn (Pyraecantha)	
	Forsythia	
	Gardenia: August	

**Shrubs (continued)**

Ruby lace	Roundleaf, Springtime-
Osmanthus, Fortunes	Monrme
Palm: Areca, Chinese	Rhododendron
fountain, Christmas,	Robira
Pigmy date, Sago	Rose
Photinia, Fraser's	Rose, Ramanas
Pieris Japonica	Rose of Sharon: Heart,
Pine, Mugo-mugho	Red bird, Woodbridge
Pittosporum: Green,	Sakaki
Japanese, Wheeler's	Silverberry
dwarf	Skimmia: Japanese,
Plumbago	Reeve's
Privet	Smoke Tree: Royal
Red Cedar, Eastern	purple, Coral beauty,
Rhaphtolepis:	Eichholz
Charitima-Monruce,	Spraea: Anthony
Enchantress-Moness,	Waterer, Bridal wreath,
	Dolichia, False,

**Trees -**

Ash: Shamel, White	Ginkgo-maidenhair tree
Banana	Hawthorn, Green
Birch: European	Hemlock: Canada,
white, Paper, River	Eastern
Blackgum	Larch, Japanese
Bottle tree	Linden
Carob	Locust: Black, Honey,
Cherry, Yoshino	Shademaster honey
flowering	Magnolia
Coolibah tree	Maple: Abus-
Cottonwood	flowering, Flame,
Crabapple	Luteus-flowering,
Cypress: Arizona,	Norway, Red, Red
Bald, Filicoides-	Sunset, Roseus-
fenspray, Gracilis-	flowering, Silver
slender Hinoki,	Sugar, Tangerine-
Squarrosa-moss,	flowering, Vesuvius
Swara false	red-flowering
Dogwood: Cloud nine,	Mesquite, Chilean
Flowering, Kousa	Mulberry, White
Elm, Chinese	Oak: Bear, Live, Pin,
Eucalyptus: Mealy,	Red, Scarlet, Willow
Redgum, Red	Olive: Black, Russian
ironbark, Silver dollar	Palm: Mexican fan,
Ficus, Mini	Parlor, Queen
White	Pine: Austrian, Beach,
Florida anise tree	Bosnian, Bristlecone,
	Canary Island,
	Columnar Scotch,

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

Eastern white,
Eldarica, Japanese
black, Lobolly,
Monterey, Purnilio-
shrubby swiss
mountain, Red,
Scotch, Shore
Planetree, London
Podocarpus
Redbud, Eastern
Red Cedar, Eastern
Sequola, 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	Filbert	Peach
Apple	Gooseberry	Pear
Apricot	Grape: American,	Pecan
Avocado	European	Pistachio
Blackberry	Grapefruit	Plum
Blueberry	Kiwi	Pomegranate
Cherry: Sweet, Sour	Lemon	Prune
Chestnut, Chinese	Loganberry	Raspberr
Currant	Macadamia nut	Tangelo
Dewberry	Nectarine	Tangerine
Elderberry	Olive	Walnut: Black, English
Fig	Orange	

## Annual Weeds Controlled

<b>Grassy weeds:</b>	Johnsongrass	Shattercane
Barley, Hare	(from seed)	Signalgrass
Barnyardgrass	Junglerice	( <i>Brachiaria</i> )
(Watergrass)	Woolly	Sprangletop
Bluegrass,	Fescue, Rattail	Stinkgrass
Annual	Foxtail	Wildcane
Brome	Guineagrass	Witchgrass
Cheat	Goosegrass	
<b>Broadleaf weeds:</b>	Nettle, Stinging	Purslane
Carelessweed	Henbit	Pusley, Florida
Carpetweed	Knottweed	Thistle, Russian
Chickweed	Kochia	(Western U.S.
Goosefoot	Lambquarters	only)

## Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. 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 Plus Fertilizer 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 Plus Fertilizer 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 Plus Fertilizer as shown on soil surface.

## Applying with Mulch

For best weed control, we recommend applying Preen Garden Weed Preventer Plus Fertilizer 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 Plus Fertilizer 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 320 sq. ft. for heavy clay-type soils, at 1 lb. per 480 sq. ft. for medium loam soils, and at 1 lb. per 640 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.

## Guaranteed fertilizer analysis

Total Nitrogen (N).....	0%
Ammoniacal Nitrogen.....	0%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	1%
Soluble Potash (K <sub>2</sub> O).....	0%
Nutrient sources: Ammonium Phosphate, Ammonium sulfate, Muriate of Potash. F	
home (l) not more than.....	0.0%

## What This Preen Product Does

Preen Garden Weed Preventer Plus Fertilizer is a two-way product that feeds with a high quality plant food and at the same time 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 Plus Fertilizer 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.

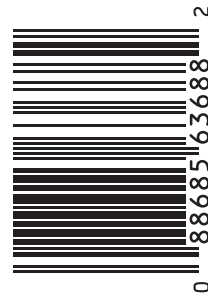
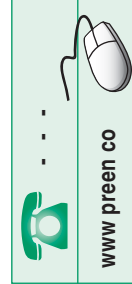
## How to Apply

To avoid plant injury, do not apply Preen Garden Weed Preventer Plus Fertilizer 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 satisfied, describe the nature of your problem, and send with proof of purchase to:

E E R R P R T  
E T E R T R E E T  
E P



P R E  
P R E  
Lebanon Seaboard Corporation.

## 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.

### Storage and Disposal

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

**Pesticide 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**  
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**www.preen.com**

CAS No. 1582-09-8  
 EPA Reg. No. 961-283  
 (L) (D)

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

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.regulatory-info-lebsea.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.