



TO OPEN: Cut along dotted line

# 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



ACTIVE INGREDIENT:  
 Trifluralin ..... 0.74%  
 OTHER INGREDIENTS: ..... 99.26%  
 TOTAL ..... 100.00%

**WEEDS 1,040 SQ. FT.**

Keep out of reach of children

**CAUTION**

See side panel for additional Precautionary Statements.

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

## Directions for Use

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

## General Information

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!

### 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 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.

## Annual Weeds Controlled

Grassy weeds:	Bluegrass, Annual	Southwestern, Woolly	Goosegrass	Oat, Wild	Signalgrass
Barley, Hare	Brome	Fescue, Rattail	Johnsongrass	Panicum: Fall, Texas	( <i>Brachiaria</i> )
Barnyardgrass (Watergrass)	Crabgrass	Foxtail	(from seed)	Sprangletop	Stinkgrass
	Cupgrass:	Guineagrass	Junglerice	Sandbur	Wildcane
			Lovegrass	Shattercane	
Broadleaf weeds:	Carpetweed	Henbit	Lambsquarters	Puncturevine	Purslane
Carelessweed	Chickweed	Knotweed	Nettle, Stinging	(Western U.S. only)	Pusley, Florida Thistle, Russian
	Goosefoot	Kochia	Pigweed		

## When to Apply

Apply Preen Garden Weed Preventer Plus Fertilizer anytime during the growing season around established plants and transplants. **Preen Garden Weed Preventer Plus Fertilizer 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 Plus Fertilizer as early as possible, you can eliminate the need for hand weeding.

Rain does not wash this product out of the soil. **For optimum weed control and plant feeding, reapply this product 4 weeks after the first application.** Subsequent applications may be made in 8 week intervals throughout the growing season on ornamental beds.

## 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 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 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 - 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, Asaian	Rosemary
Baby's breath	Fern, Asparagus	Lamb's ears	Rudbeckia
Balsam	Fescue, Blue	Lavender, English	Rupturewort
Beard tongue	Floss flower ( <i>Ageratum</i> )	Lily turf: Big blue, Green/creeping, Lilac beauty, Magestic, Silvery	Sage, Russian
Bee balm	Forget-me-not	liriope, White	Salvia
Begonia	Four o'clock	Lily-of-the-nile	Silver mound
Bellflower	Foxglove	Lobelia	Snapdragon
Black-eyed susan	Gaillardia	Lupine ( <i>Lupinus</i> )	Snow-in-summer
Bleeding heart	Gayfeather	Marigold	Snow-on-the-mountain
Bunge	Gazania	Marigold, Cape ( <i>Dimorphotheca</i> )	Speedwell
Calendula	Geranium	Morningglory	Spurge, Japanese
Calliopsis	Germander	Myoporum	St. John's wort
Cape weed	Geum	Narcissus	Statiche
Carex, Variegated	Gladiolus (corms > 1" in diameter)	Nasturtium	Stock
Carnation	Golden glow	Nicotiana	Stoncrop ( <i>Sedum</i> )
Carpet bugle ( <i>Ajuga</i> )	Grass: Beech, Dwarf	Ozark sundrop	Strawberry, Beach
Ceanothus	Mondo, Eulalia, Fountain, Mascarene, Mondo, Pampas, Ribbon, Zoysia	Periwinkle ( <i>Vinca</i> )	Sunflower
Centaurea, Velvet	Guara	Peter Pan, Dwarf	Sweet alyssum
Chrysanthemum	Hakonechloa, Golden	Petunia	Sweet pea
Coneflower, Purple	Hollyhock	Phlox	Sweet sultan
Coral bells	Hosta, Albo-marginata	Pincushion flower ( <i>Scabiosa</i> )	Sweet william
Coreopsis	Hyacinth	Plumbago, Dwarf	Thrift
Cornflower, Purple	Ice plant: Largeleaf, Trailing, Trailing rosea, White		Tickseed
Cosmos			Tulip
Cotoneaster			Verbena
Crown vetch			Wire plant
Daffodil			Wirevine, Creeping
Dahlia			Yarrow ( <i>Achillea</i> )
			Zinnia

### Shrubs –

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

### Trees –

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

### Nonbearing Fruit and Nut Trees and Plants –

Almond	Dewberry	Lemon	Pistachio
Apple	Elderberry	Loganberry	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	

# Preen®

**GARDEN WEED PREVENTER PLUS FERTILIZER**

Preen Works, So You Don't Have To.™

**Not for Use on Lawns For Homeowner Use Only**

### Guaranteed Fertilizer Analysis:

Total Nitrogen (N).....	9%
9.0% Ammoniacal Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	17%
Soluble Potash (K <sub>2</sub> O).....	9%
Nutrient Sources: Ammonium Phosphate, Ammonium Sulfate, Muriate of Potash.	F699
Chlorine (Cl) not more than.....	8.0%

# 9-17-9

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

### 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)



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.

Preen® is a registered trademark of Lebanon Seaboard Corporation.

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.

# Preen®

**GARDEN WEED PREVENTER PLUS FERTILIZER**

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.

#### User Safety Recommendations:

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### 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.

**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.