

# Preen®

**WEED  
PREVENTER**  
with  
**BRILLIANT BLOOMS™  
FERTILIZER**

***STOP WEEDS BEFORE THEY START!™***

- Prevents weeds up to three months

**WEEDS 2080 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)**



## 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.

**PESTICIDE STORAGE:** Store product in its original container in a cool, dry, locked place out of the reach of children and animals.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:**

**IF EMPTY:** Do not reuse this container. Place in trash or offer for recycling if available.

**IF PARTLY FILLED:** Use as directed or call your local waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

## General Information

Preen Weed Preventer with Brilliant Blooms Fertilizer works all season long. One easy application prevents weeds up to 3 months. This product contains an all purpose fertilizer to promote beautiful color, blooms, foliage and strong root growth while helping to resist disease.

This product can be used anytime during the spring, summer or fall in flower and vegetable gardens, around ground covers, 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! There is no chance of overfeeding or burning your plants when used as directed.

### 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 Weed Preventer with Brilliant Blooms 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:

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

### Broadleaf Weeds:

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

## When to Apply

Apply Preen Weed Preventer with Brilliant Blooms Fertilizer anytime in the spring, summer or fall around established plants and transplants. **Preen Weed Preventer with Brilliant Blooms Fertilizer should not be used on flower seeds.** It can be used after flowering plants have germinated and are 2-3 inches tall. Since it does not kill existing weeds, you must first remove any that have already begun to grow. By applying Preen Weed Preventer with Brilliant Blooms 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 every 3 months.**

## How to Apply

To avoid plant injury, do not apply Preen Weed Preventer with Brilliant Blooms 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 inches tall (see special section for use on vegetables): sprinkle Preen Weed Preventer with Brilliant Blooms 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.



## Applying with Mulch

For best weed control, we recommend applying Preen Weed Preventer with Brilliant Blooms 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 Weed Preventer with Brilliant Blooms 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 640 sq. ft. for heavy clay-type soils, at 1 lb. per 960 sq. ft. for medium loam soils, and at 1 lb. per 1280 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 Alyssum Arctotis Aster (perennial) Aster, Stoke's Baby's breath Balsam Beard tongue Bee balm Begonia Bellflower Black-eyed susan Bleeding heart Bunge Calendula Calliopsis Cape weed Carex, Variegated Carnation Carpet bugle (Ajuga) Ceanothus Centaurea, Velvet Chrysanthemum Coneflower, Purple Coral bells Coreopsis Cornflower, Purple Cosmos Cotoneaster Coyote bush, Dwarf Crown vetch Daffodil Dahlia	Daisy: African, Painted, Shasta, Trailing African Daylily Descampsia Dianthus Dusty miller Fern, Asparagus Fescue, Blue Floss flower (Ageratum) Forget-me-not Four o'clock Foxglove Gaillardia Gayfeather Gazania Geranium Germander Geum Gladiolus (corns > 1" in diameter) Golden glow Grass: Beech, Dwarf Mondo, Eulalia, Fountain, Mascarene, Mondo, Pampas, Ribbon, Zoysia Guara Hakonechloa, Golden Hollyhock Hosta, Albo-marginata Hyacinth Ice plant: Largeleaf, Trailing, Trailing rosea, White	Impatiens Iris, Bulbous Ivy: Algerian, California, English, Needlepoint Ixora Jasmine: Angelwing, Asaian Lamb's ears Lavander, English Lily turf: Big blue, Green creeping, Lilac beauty, Magestic, Silvery sunproof, Variegated Irirope, White Lily-of-the-nile Lobelia Lupine (Lupinus) Marigold Marigold, Cape (Dimorphothecca) Morningglory Myoporum Narcissus Nasturtium Nicotiana Ozark sundrop Periwinkle (Vinca) Peter Pan, Dwarf Petunia Phlox Pincushion flower (Scabiosa) Plumbago, Dwarf	Poppy, California Portulaca Rockrose Rose Rosemary Rudbeckia Rupturewort Sage, Russian Salvia Silver mound Snapdragon Snow-in-summer Snow-on-the-mountain Speedwell Spurge, Japanese St. John's wort Statice Stock Stoncrop (Sedum) Strawberry, Beach Sunflower Sweet alyssum Sweet pea Sweet sultan Sweet william Thrift Tickseed Tulip Verbena Wire plant Wirevine, Creeping Yarrow (Achillea) Zinnia
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### Shrubs -

Abelia: Edward Goucher, Glossy Acacia: Abyssinica, Prostrate, Shoestring Andromeda, Japanese Arborvitae: American, Aureus nana-dwarf golden, Emerald, Little giant-dwarf, Minima glauca-dwarf, Nigra-dark American, Pyramidalis-pyramid, Rheingold, Techny Azalea Bamboo: Compacta-dwarf, Harbour dwarf-heavenly, Heavenly, Nana-compacta-heavenly, Nana purpurea-heavenly, Woods dwarf heavenly Barberry: Atropurea-redleaf Japanese, Aurea-golden Japanese, Crimson pygmy, Japanese, Mento, Rose glow, William Penn Bottlebrush: Lemon, Weeping Bougainvillea: Barbara Karst, California gold, Pink pixie, Scarlett O'Hara, Temple fire, Texas dawn Boxwood: Common, Harlands, Japanese, Korean, Littleleaf	Broom: Hollandia-warminster, Lena-Scotch Camellia: Japanese, Sasanqua Cassia, Feathery Century plant Cherry: Carolina laurel, Dwarf pink flowering almond Cinquefoil Clemyra, Japanese Cotoneaster: Bearberry, Cranberry, Himalayan, Praecox-early, Pyrenees, Rock, Zabel Coyotebush Cypress: Filifera-thread, Kosteri, Nana-dwarf Hinoki, Torulosa Daphne, Fragrant Deutzia Dogwood: Baileyi red osier, Flaviramea-yellow-twig, Sibirica-Siberian Elaeagnus Euonymus: Canadale, Emerald'n gold, Silver king, Spreading, Sunspot, Variegated evergreen, Winged, Wintercreeper Fern: Tassel, Japanese painted Firethorn (Pyracantha) Forsythia Gardenia: August beauty, Mystery, Radican Guava, Pineapple Hawthorn, India	Heather: Cornish, Purple bell, Mediterranean pink, Spring torch scotch Hibiscus, Ross Estey Holly Honeysuckle: Cape, Trumpet Hopseed bush Ixora Jessamine, Carolina Juniper Lantana Laurel: American Cherry, Mountain Leaf: Copper, Sala/lemon Leucothoe: Coast, Drooping Lilac: Common, Chinese, Wild Lily-of-the-Valley: Forest flame, Mountain fire, Snowdrift, Temple-bells, Valley rose, Valley valentine Mahonia: Creeping, Leather leaf Maple: Amur, Coral bark Japanese, Dwarf Japanese Mock orange Myrtle: Grape, Wax Oleander: Hardy red, Ruby lace Osmanthus, Fortunes Palm: Areca, Chinese fountain, Christmas, Pigmy date, Sago Photinia, Fraser's Pieris Japonica Pine, Mugo-mugho	Pittosporum: Green, Japanese, Wheeler's dwarf Plumbago Privet Red Cedar, Eastern Raphiolepis: Charisma-Monruce, Enchantress-Moness, Roundleaf, Springtime-Monme Rhododendron Robira Rose Rose, Ramanas Rose of Sharon: Heart, Red bird, Woodbridge Sakaki Silverberry Skimmia: Japanese, Reeve's Smoke Tree: Royal purple, Coral beauty, Eichholz Spiraea: Anthony Waterer, Bridal wreath, Dolchia, False, Japanese alpine, Shirobana, Vanhoutte Sumac, African Summersweet Sweetspire, Henry Garnet holly leaf Viburnum Weigela Willow Woodwaxen Woodbine: Flowering, Serotina Xylosma Yew: Anglojap, Plum, Upright Japanese Yewpine Yucca
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### 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-fernsray, Gracilis-slender Hinoki, Squarrosa-moss, Swara false Dogwood: Cloud nine, Flowering, Kousa Elm, Chinese Eucalyptus: Mealy, Redgum, Red ironbark, Silver dollar Ficus, Mini Fir: Balsam, Douglas, White Florida anise tree Ginkgo-maidenhair tree Hawthorn, Green Hemlock: Canada, Eastern Larch, Japanese Linden Locust: Black, Honey, Shademaster 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, Columnnar 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
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### Nonbearing 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
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+Nonbearing fruit and nut trees and plants are defined as plants that will not bear fruit for at least one year after treatment.



Try other Preen products!



Preen Lawn StepSaver Weed Control plus Fertilizer    Preen Vegetable Garden Weed Preventer

# Preen®

# Preen®



## 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 when used as directed.

Preen® is a registered trademark of Lebanon Seaboard Corporation  
1600 East Cumberland Street  
Lebanon PA 17042

Use our products responsibly, learn more at [www.preen.com](http://www.preen.com)



### PROOF OF PURCHASE

EPA Reg. No. 961-407  
CAS No. 1582-09-8

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

### Guaranteed Fertilizer Analysis

Total Nitrogen (N)..... 10%  
10.0% Ammoniacal Nitrogen  
Available Phosphate (P<sub>2</sub>O<sub>5</sub>)..... 17%  
Soluble Potash (K<sub>2</sub>O)..... 9%  
Sulfur (S)..... 6.5%  
6.5% Combined Sulfur (S)

**10-17-9**

Derived from: Ammonium Phosphate, Ammonium Sulfate, Muriate of Potash.  
Chlorine (Cl) not more than..... 8.0%

F699

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

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

### Precautionary Statements Hazards to Humans and Domestic Animals

**CAUTION** Causes moderate eye irritation. Wear protective eyewear. 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.