



Preen® GARDEN

**WEED
PREVENTER
Plus PLANT FOOD**

Controlador de malezas de jardín más alimento para plantas

**STOP WEEDS*
Before They Start!**

**Blocks Weeds*
Up To 3 Months Guaranteed!
Covers 5000 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. 31.3 lbs (14.2 kg)

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 product every 3 months. It's never too late or too early to apply Preen Garden Weed Preventer plus Plant Food! Use around listed flowers, vegetables, trees & 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. 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

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 directly to water. 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 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.

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 plus Plant Food 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 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 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! There is no chance of overfeeding or burning your plants when used as directed.

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 Plant Food 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 Barnyardgrass (Watergrass)	Bluegrass, Annual Annual Brome Cheat	Crabgrass Cupgrass: Southwestern, 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		

When To Apply

Apply Preen Garden Weed Preventer plus Plant Food in the spring, summer or fall around established plants and transplants. Preen Garden Weed Preventer plus Plant Food 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 Garden Weed Preventer plus Plant Food 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 Garden Weed Preventer plus Plant Food 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 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 plus Plant Food 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 granules at the density shown in this picture.



Applying With Mulch

For best weed control, apply Preen Garden Weed Preventer plus Plant Food 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 Plant Food 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 Suggested For Use Around These Established Plants

BULBS, FLOWERS, 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 Descampsia Dianthus Daylily Dusty miller Fern, Asparagus Fescue, Blue Floss flower (Ageratum) Forget-me-not Four o'clock Foxglove Gaillardia Gayfeather	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 (corms > 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 Lavender, English Lily turf: Big blue, Green/creeping, Lilac beauty, Magestic, Silvery sunproof, Variegated liriopae, White Lily-of-the-nile Lobelia Lupine (Lupinus) Morningglory Myoporum Narcissus Nicotiana Ozark sundrop Periwinkle (Vinca)	Peter Pan, Dwarf Patunia Phlox Pinxushion flower <i>(Scabiosa)</i> Plumbago, Dwarf Poppy, California Portulaca Rockrose Rose Rudbeckia Rupturewort Salvia Silver mound Snapperon 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 Arbortvitae: American, Aureus nana-dwarf golden, Emerald, Globosa-globe, 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, Japanese, Crimson pygmy,	Japanese, Mento, Rose glow, William Penn Bottlebrush: Lemon, Weeping Bougainvillea: Barbara Karst, California gold, Pink pixie, Scarlet 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 Cleyera, Japanese Cotoneaster: Bearberry, Cranberry, Himalayan, Praecox-early, Pyrenees, Rock, Zabel Coyotebush Cypress:	Filifera-thread, Kosteri, Nana-dwarf Hinoki, Torulosa Daphne, Fragrant Deutzia Dogwood: Bailey 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 <i>(Pyracantha)</i> 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, Salal/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: Crape, 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 Red Cedar, Eastern Raphiopsis: 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 Woadwaxen Woodbine: Flowering, Serotina Xylosma Yew, Angiojap, Plum, Upright Japanese Yucca
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TREES

Ash: Shamel, White Birch: European white, Paper, River Blackgum Bottle tree Carrot wood Cherry, Yoshino flowering Coolibah tree Cottonwood Cypress: Arizona, Bald, Filicoides-fernspray, 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 Ginko-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 Oak: Bear, Live, Pin, Red, Scarlet, Willow Palm: Mexican fan, Parlor, Queen Pine: Austrian, Beach, Bosnian, Bristlecone, Canary Island, Columnar Scotch, Eastern white, Eldarica, Japanese black, Loblobly, Monterey, Pumlilio- 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 Banana Blackberry Blueberry	Carob Cherry: Sweet, Sour Chestnut, Chinese Crabapple Currant Dewberry Elderberry	Fig Filbert Gooseberry Grape: American, European Grapefruit Kiwi	Lemon Loganberry Macadamia nut Mulberry, White Purrrant Nectarine Olive: Black, Russian Orange	Peach Pear Pecan Pistachio Plum Pomegranate Prupe	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.

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.

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

(L) (D)
 EPA Est. No. 961-PA-01-961-IL-01
 Superscript used is first letter of lot number.



Preen® is a registered trademark of Lebanon Seaboard Corporation.

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

9-12-9

Guaranteed Fertilizer Analysis

Total Nitrogen (N).....	9%
5.0% Ammoniacal Nitrogen	
4.0% Urea Nitrogen	
Available Phosphate (P ₂ O ₅).....	12%
Soluble Potash (K ₂ O).....	9%
Sulfur (S).....	3.4%
3.4% Combined Sulfur (S)	
Derived from: Monoammonium Phosphate, Muriate of Potash, Ammonium Sulfate, Urea.	
Chlorine (Cl) not more than	7.0%
Information regarding the contents and levels of metals in this product is available on the Internet at http://www.regulatory-info-lebsea.com	
F699	

