



LEBANON TREFLAN* 5G

CONTAINS TREFLAN* HERBICIDE

ACTIVE INGREDIENT:

trifluralin 5.0%

OTHER INGREDIENTS: 95.0%

TOTAL 100.0%

*Trademark of Dow AgroSciences LLC.

EPA Reg. No. 961-405

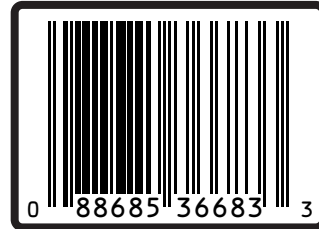
Contains 2 pounds active
ingredient per 40 pound bag.

(L) (D)

EPA Est. No. 961-PA-01: 961-IL-01

Superscript used is first letter of lot number.

Manufactured using the processes of
U.S. Patents 4,120,905 and 4,226,789.



24-36683

LEBANON TREFLAN* 5G is a selective preemergence herbicide for control of certain annual grasses and broadleaf weeds in:

- Container Grown Ornamentals
- Landscape Ornamentals
- Nursery Stock
- Ground Covers
- Non-Cropland
- Ornamental Bulbs
- Non-Bearing Fruit and Nut Trees and
Non-Bearing Vineyards in Ornamental Landscaping
- Established Flowers

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

In case of an emergency endangering life or property involving this product, call Chemtrec at 1-800-424-9300.

**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. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.

FIRST AID

- IF IN EYES:**
- 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.
 - Call a poison control center or doctor for treatment advice.
- IF SWALLOWED:**
- 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 by a poison control center or doctor.
 - Do not give anything to an unconscious person.
- IF ON SKIN:**
- 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:**
- 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.

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other Handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

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, or to areas where surface water is present or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE

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

Read all Directions for Use carefully before applying.

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 INTERIOR PLANTSCAPES, ORNAMENTAL GARDENS OR PARKS, OR ON GOLF COURSES OR LAWNS AND GROUNDS.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

ENTRY RESTRICTIONS

Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

GENERAL INFORMATION

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GENERAL INFORMATION

This product is a preemergence herbicide for control of certain annual grasses and broadleaf weeds in container grown ornamentals, landscape ornamentals, nursery stock, ground covers, established flowers, ornamental bulbs, non-bearing fruit and nut trees and non-bearing vineyards in ornamental landscaping only, and noncropland. Apply before or after planting but prior to germination of target weeds, or immediately after cultivation. Length of weed control will vary with weed population, potting media or soil conditions, temperature, watering regime and other factors. Following application, user should monitor and observe level of weed control over time to determine when additional applications may be needed. Repeat applications should not be made sooner than 60 days after a previous application. Do not apply over 240 lbs. per acre total of this product within a 12-month period.

GENERAL USE PRECAUTIONS

This product does not control established weeds. Existing weeds should be controlled by cultivation or with postemergence herbicides. Weed residues, prunings and trash should be removed or thoroughly mixed into soil prior to treatment. Soil should be in good condition and free of clods at the time of application. A single rainfall or sprinkler irrigation of 0.5 inches or more, or flood irrigation, is required to activate this product. Optimum weed control is obtained when this product is activated within 3 days of application. If rainfall or irrigation has not occurred within 3 days of application and tillage is possible, this product may be activated using cultivation equipment capable of uniformly mixing the herbicide into the upper 1-2 inches of soil. Failure to activate this product within 3 days of application may result in erratic weed control. Do not apply when wind conditions favor drift of the granules from the target area.

Optimum weed control will be obtained when followed by overhead irrigation or rainfall within a few hours after surface application.

WEEDS CONTROLLED WHEN APPLIED AT 80 LBS./ACRE (1.8 Lbs./1,000 Sq. Ft.)

ANNUAL GRASSES

Barley, hare	Brome	Cupgrass, Southwestern	Goosegrass	Oat, Wild	Signalgrass
Barneyardgrass (watergrass)	Cheat	Fescue, rattail	Junglerice	Panicum, fall	Sprangletop, Mexican
Bluegrass, annual	Crabgrass	Foxtail	Lovegrass	Sandbur, field	Stinkgrass
					Witchgrass

ANNUAL BROADLEAF WEEDS

Chickweed, common	Knotweed, prostrate	Lambsquarters, common	Pigweed	Purslane, common	Thistle, Russian
Goosefoot, nettleleaf	Kochia	Nettle, stinging			

In addition to the weeds controlled, the following weeds will be partially controlled or suppressed at 80 lbs./acre (1.8 lbs./1000 sq. ft.).

Carpetweed	Johnsongrass (from seed)	Panicum, Texas	Pusley, Florida	Shattercane
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LebanonTurf

For technical assistance or more information about our products visit www.LebanonTurf.com

Manufactured by:

Lebanon Seaboard Corporation

1600 E. Cumberland St. • Lebanon, PA 17042

Made in the U.S.A.

www.LebanonTurf.com

NET WT. 40 LBS. (18.14 kg)

APPLICATION DIRECTIONS

Apply this product using a drop or rotary-type spreader designed to apply granular herbicides or insecticides. Calibrate application equipment prior to use according to manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly. Do not use spreaders that apply material in narrow concentrated bands. Avoid skips or overlaps as poor weed control or plant injury may occur. More uniform application may be achieved by spreading half of the required amount of product over the area and then applying the remaining half in swaths at right angles to the first.

APPLICATION TECHNIQUES

- When using a drop-type spreader, a splash board mounted under the hopper will provide more even granule distribution.
- A chain fastened to the side of the spreader and allowed to drag on the soil surface can be used to mark the edge of the treated swath and help prevent skips or overlaps.
- For treating smaller areas or rows of nursery stock or ornamental beds, a hand held or push-type rotary applicator such as whirlybird or cyclone unit is recommended. For hand held units, walk and turn the crank at a constant rate of speed.
- A shaker-type applicator made from a small container with holes punched in the bottom is recommended for small, hard to treat areas. Carefully measure the amount of product needed to avoid over-application.

APPROVED USES

Container Grown Ornamentals, Landscape Ornamentals, Nursery Stock, Ground Covers, Established Flowers, Ornamental Bulbs, Non-bearing Fruit and Nut Trees, Non-bearing Vineyards in Ornamental Landscaping Only, and Non-cropland.

This product is recommended as a preemergence treatment for control of certain annual grasses and broadleaf weeds in container grown ornamentals, landscape ornamentals, nursery stock, ground covers, established flowers, ornamental bulbs, non-bearing fruit and nut trees, non-bearing vineyards in ornamental landscaping only, and non-cropland. Apply before or after planting but prior to germination of target weeds, or immediately after cultivation.

Refer to the "General Information" section of this label for general use precautions and information on application, application rates and weeds controlled.

SPECIAL USE PRECAUTIONS

To avoid possible injury, do not apply this product to:

- Unrooted liners or cuttings that have been planted in pots for the first time
- Pots less than four inches wide
- Ground covers until they are established and well rooted

Do not apply to newly transplanted ornamentals, nursery stock, ground covers, flowers and non-bearing fruit and nut crops and non-bearing vineyards in ornamental landscaping until soil or potting media has been settled by packing and irrigation or rainfall and no cracks are present or injury may occur.

Do not make preplant applications of this product to areas where gladioli corms are less than one inch in diameter will be planted or injury may occur.

Do not apply this product in greenhouse or other enclosed structures.

Repeat applications should not be made sooner than 60 days after a previous application of this product. Do not apply over 240 lbs. per acre total of this product within a 12 month period.

Prior to using this product on a large number of plants, the treated plants should be observed for signs of herbicidal injury during 30 to 60 days of normal growing conditions to determine if the treatment is non-injurious to the target plant species.

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.

This product may be used on the following established plant species when container grown or field grown:

TREES

Balsam Fir	European White Birch	Kousa Dogwood	Honey Locust	Pendula-Weeping Norway Spruce	Monterey Pine	Scarlet Oak
White Fir	Bottle Tree	Green Hawthorn	Shademaker Honey Locust	Repens-Spreading Norway Spruce	Red Pine	Bear Oak
Albus Flowering Maple	Black Olive	Carrot Wood	Toyon	Dwarf Alberta Spruce	White Pine	Pin Oak
Luteus Flowering Maple	Chinese Chestnut	Arizona Cypress	Florida Anise-Tree	White spruce	Columnar Scotch Pine	Willow Oak
Roseus Flowering Maple	Carob	Russian Olive	Eastern Red Cedar	Dwarf Globe Blue Spruce	Scotch Pine	Red Oak
Tangerine Flowering Maple	Redbud	Redgum Eucalyptus	Japanese Larch	Glauca-Colorado Blue Spruce	Loblolly Pine	Live Oak
Vesuvius Red-Flowering Maple	Filicoides-Fernspray Cypress	Mealy Eucalyptus	American Sweet Gum	Hoopsii-Hoop's Blue Spruce	Japanese Black Pine	Black Locust
Flame Maple	Gracilis-Slender Hinoki Cypress	Silver Dollar Eucalyptus	Tuliptree	Koster-Koster Blue Spruce	London Planetree	Willow
Norway Maple	Swara False Cypress	Coolibah Tree	Southern Magnolia	Bristlecone Pine	American Sycamore	Giant Sequoia
Red Maple	Squarrosa-Moss Cypress	Red Ironbark Eucalyptus	Crabapple	Canary Island Pine	California Sycamore	Mahogany
Red Sunset Maple	Palm (<i>Chamaedorea cataractarum</i>)	Ficus	White Mulberry	Shore Pine, Beach Pine	Podocarpus	Yellow Tab
Silver Maple	Palm (<i>Chamaedorea costaricana</i>)	Mini Fucus	Banana	Eldarica Pine	Cottonwood	Baldcypress
Sugar Maple	Parlor Palm	White Ash	Blackgum	Bosnian Pine	Chilean Mesquite	Eastern Hemlock
Queen Palm	Cloud Nine Dogwood	Shamel Ash	Sourwood	Pumilio-Shrubby Swiss Mountain Pine	Yoshino Flowering Cherry	Chinese Elm
River Birch	Flowering Dogwood	Ginko-Maidenhair Tree	Norway Spruce	Austrian Black Pine	Douglasfir	Mexican Fan Palm

ORNAMENTAL SHRUBS

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Edward Goucher Abelia	Japanese Boxwood	Praecox-Early Cotoneaster	Pineapple Guava	Serotina Woodbine	Mugo-Mugho Pine	Japanese Alpine Spiraea
Glossy Abelia	Korean Boxwood	Cranberry Cotoneaster	Forsythia	Trumpet Honeysuckle	Green Pittosporum	Shirobana Spiraea
Abyssinica Acacia	Common Boxwood	Pyrenees Cotoneaster	August Beauty Gardenia	Leather Leaf Mahonia	Japanese Pittosporum	Bridal Wreath
Prostrate Acacia	Lemon Bottlebrush	Beaberry Cotoneaster	Gardenia	Creeping Mahonia	Wheeler's Dwarf Pittosporum	Chinese Lilac
Shoestring acacia	Weeping Bottlebrush	Himalayan Cotoneaster	Radican Gardenia	Wax Myrtle	Blue Cape Plumbago	Common Lilac
Copper Leaf	Spring Torch Scotch Heather	Rock Cotoneaster	Sala/Lemon Leaf	Compacta-Dwarf Heavenly Bamboo	Plumbago	Upright Japanese Yew
Amur Maple	Japanese Camellia	Zabel Cotoneaster	Carolina Jessamine	Harbour Dwarf-Heavenly Bamboo	Yewpine	Anglojap Yew
Coral Bark Japanese Maple	Sasanqua Camellia	Sago Palm	Woadwaxen	Heavenly Bamboo	Tassel Fern	Cape Honeysuckle
Dwarf Japanese Maple	Feathery Cassia	Hollandia-Warminster Broom	Ross Estey-Hibiscus	Nana Compacta-Heavenly Bamboo	Cinquefoil	<i>Ternstroemia gymnanthera</i>
Century Plant	Wild Lilac	Lena-Scotch Broom	Rose-of-Sharon- Heart	Nana Purpurea-Heavenly Bamboo	Carolina Laurel Cherry	American Arborvitae
False Spirea	Plum Yew	Fragrant Daphne	Rose-of-Sharon- Red Bird	Woods Dwarf Heavenly Bamboo	Dwarf Pink Flowering Almond	Emerald Arborvitae
Japanese Painted Fern	Snow-in-Summer	Deutzia	Rose-of-Sharon- Woodbridge	Hardy Red Oleander	Pyracantha	Globosa-Globe Arborvitae
Coyotebush	Kosteri Cypress	Hopseed Bush	Holly	Oleander	Charisma-Monruce Rhamphiolepis	Little Giant-Dwarf Arborvitae
William Penn Barberry	Nana-Dwarf Hinoki Cypress	Fruittland Silver Berry	Mystery Gardenia	Ruby Lace Oleander	Enchantress-Moness Rhamphiolepis	Nigra-Dark American Arborvitae
Mentor Barberry	Torulosa Cypress	Purple Bell Heather	Henry Garnet Holly Leaf Sweetspire	Fortunes Osmanthus	India Hawthorn	Pyramidalis-Pyramid Arborvitae
Atropurea-Redleaf Japanese Barberry	Filifera-Thread Cypress	Mediterranean Pink Heather	Ixora	Mockorange	Springtime-Monme Rhamphiolepis	Rheingold Arborvitae
Aurea-Golden Japanese Barberry	Areca palm	Cornish Heather	Juniper	Pigmy Date Palm	Roundleaf Rhamphiolepis	Techny Arborvitae
Crimson Pymgy Barberry	Summersweet	Winged Euonymus	Mountain Laurel	Fraser's Photinia	Azalea/Rhododendron	Aureus Nana-Dwarf Golden Arborvitae
Rose Glow Barberry	Japanese Cleysera	Canadale Gold Euonymus	Crape Myrtle	Japanese Andromeda	Africa Sumac	Minima Glauca-Dwarf Arborvitae
Barbara Karst	Sibirica-Siberian Dogwood	Emerald'n Gold Euonymus	Lantana	Mountain Fire Lily-of-the-Valley	Ramanas Rose	Christmas Palm
California Gold	Baileyi Red Osier Dogwood	Snowspot Euonymus	Coast Leucothoe	Snowdrift Lily-of-the-Valley	Rosemary	Viburnum
Pink Pixie	Flaviramea-Yellowtwig Dogwood	Wintercreeper Euonymus	Drooping leucothoe	Templebells Lily-of-the-Valley	Japanese Skimmia	Weigela
Scarlet O'Hara	Royal Purple Smoke Tree	Silver King-Euonymus	Privet	Valley Rose Lily-of-the-Valley	Reeve's Skimmia	Xylosma
Temple Fire	Coral Beauty Smoke Tree	Variegated Evergreen Euonymus	Chinese Fountain Palm	Valley Valentine Lily-of-the-Valley	Anthony Waterer Spiraea	Yucca
Texas Dawn	Eichholz Smoke Tree	Spreading Euonymus	Flowering Woodbine	Forest Flame Lily-of-the-Valley	Dolchia Spiraea	

GROUND COVERS

Wooly yarrow	Largeleaf Iceplant	Descampsia	English Ivy	White Lily Turf	Creeping Wirevine	Ribbon Grass
Lily-of-the-Nile	Dwarf Plumbago	Trailing Rosea Iceplant	Daylily	Big Blue Lily Turf	Myoporum	Stoncrop (Sedum)
Beechgrass	Rockrose	Iceplant	Rupturewort	Lilac Beauty Lily Turf	Portulaca	Germander
Cape Weed	Coreopsis	Blue Fescue	Albo-Marginata Hosta	Magestic Lily Turf	Mondo Grass	Asaian Jasmine
Thrift	Crown Vetch	Strawberry, Beach	Aaronsbeard	Silvery Sunproof Lily Turf	Trailing African Daisy	Verbena
Asparagus Fern	Pampas Grass	Gazania	St. Johnswort	Variegated Lirope Lily Turf	Japanese Spurge	Speedwell
Bellflower	Cotoneaster	Golden Hakonechloa	Angelwing Jasmine	Green/Creeping Lily Turf	Fountain Grass	Periwinkle
Variegated Carex	White Iceplant	Algerian Ivy	Trailing Iceplant	Eulalia Grass		

ESTABLISHED FLOWERS

Yarrow	Cornflower	Dianthus	Sunflower	Sweet Alyssum	Petunia	Pincushion Flower
Floss Flower	Velvet Centaurea	Marigold, Cape	Balsam	Lupine	Phlox	Lamb's Ears
Alyssum	Sweet Sultan	Snow on the Mountain	Impatiens	Stock	Portulaca	Stoke's Aster
Snapdragon	Chrysanthemum	Gaillardia	Ixora	Four O'Clock	Rose	Marigold
African Daisy	Morningglory	Geum	Sweet Pea	Forget-Me-Not	Blackeyed Susan	Nasturtium
Dusty Miller	Coreopsis	Gladoliolus	Statice	Nicotiana	Golden Glow	Vinca
Aster (perennial)	Cosmos	Baby's Breath	Lobelia	Poppy, California	Salvia	Zinnia
Calendula	Dahlia					

ORNAMENTAL BULBS

This product may be applied for control of susceptible annual weeds in ornamental bulbs, e.g., bulbous iris, daffodil (narcissus), hyacinth and tulip. Apply to the soil surface 2 to 4 weeks after planting, but prior to the emergence of annual weeds. This product may also be applied following bulb emergence. For fall planted bulbs, apply this product again in later winter or early spring to weed-free soil surfaces.

NON-BEARING FRUIT AND NUT TREES AND NON-BEARING VINEYARDS IN ORNAMENTAL LANDSCAPING ONLY*

Almond	Boysenberry	Fig	Kiwi	Orange	Pomegranate
Apple	Cherry, sour	Filbert	Lemon	Peach	Prune
Apricot	Cherry, sweet	Gooseberry	Loganberry	Pear	Raspberry
Avocado	Currant	Grape, American	Macadamia Nut	Pecan	Walnut, black
Blackberry	Dewberry	Grape, European	Nectarine	Pistachio	Walnut, English
Blueberry	Elderberry	Grapefruit	Olive	Plum	

*Non-bearing fruit and nut trees and non-bearing vineyards are defined as plants which will not bear fruit for at least one year after treatment.

NON-CROPLAND AREAS

This product is recommended as a preemergence herbicide for control of certain annual grasses and broadleaf weeds on industrial sites, utility substations, highway guard rails, sign posts and delineators.

Apply anytime prior to germination of target weeds. Areas to be treated should be free of established weeds or existing weeds should be controlled with postemergence herbicides.

Refer to the "General Information" section prior to using this product on non-cropland.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or 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 must be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Offer for recycling if available. Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Lebanon Seaboard Corporation. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: To the extent consistent with applicable law, LEBANON SEABOARD CORPORATION MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Lebanon Seaboard Corporation is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. To the extent consistent with applicable law, Lebanon Seaboard Corporation DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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LebanonTurf

For technical assistance or more information about our products visit www.LebanonTurf.com

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