



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

September 15, 2022

John F. Wright  
Agent for Lebanon Seaboard Corporation  
c/o Product & Regulatory Associates, LLC  
8595 Collier Blvd., Suite 107-51  
Naples, FL 34114

Subject: Notification per PRN 98-10 – add new alternate brand name; update label to include all alternate brand names and add optional trademark statements  
Product Name: Lebanon Trifluralin G-5  
EPA Registration Number: 961-405  
Application Date: March 26, 2022  
Resubmission Date: April 6, 2022  
Decision Number: 583917

Dear Mr. Wright:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “NOTIFICATION” and placed in our records.

The alternate brand name, “**Lebanon Treflan 5G**” has been added to the product record.

Should you wish to add/retain a reference to the company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance.

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If you have any questions, please contact me at [ondish.mindy@epa.gov](mailto:ondish.mindy@epa.gov) or at (202)566-2857.

Sincerely,

A handwritten signature in cursive script that reads "Mindy Ondish".

Mindy Ondish  
Product Manager 23  
Herbicide Branch  
Registration Division (7505T)  
Office of Pesticide Programs

Enclosure

# LEBANON TRIFLURALIN G-5

## [Alternate Brand Names

Lebanon Treflan<sup>®</sup> 5G Herbicide

Lebanon Treflan<sup>®</sup> 5G (Contains Treflan<sup>®</sup> Herbicide)

Lebanon Treflan<sup>®</sup> 5G]

[Brand Name is \*] A selective 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
- Non-Cropland

## NOTIFICATION

961-405

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

09/15/2022

### ACTIVE INGREDIENT:

trifluralin ..... 5.0%

OTHER INGREDIENTS: ..... 95.0%

TOTAL ..... 100.0%

Contains 2 pounds active ingredient per 40 pound bag.

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

EPA Reg. No. 961-405

~~\*Trademark of Dow AgroSciences LLC.~~

[\*] Treflan is registered trademark of Gowan Company, L.L.C.]

(L) (D)

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

Superscript used is first letter of lot number.

## KEEP OUT OF REACH OF CHILDREN CAUTION

Refer to back panel of bag for precautionary information and Directions for Use including STORAGE AND DISPOSAL.

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

### MANUFACTURED BY:

**LEBANON SEABOARD CORPORATION**

1600 EAST CUMBERLAND STREET

LEBANON, PA 17042

www.Lebanturf.com

**NET WEIGHT: 40 LBS. (18.18 kg)**

# 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.

NON-TARGET ORGANISM ADVISORY STATEMENT: This product is toxic to plants and may adversely impact the forage and habitat of non-target organisms, including pollinators, in areas adjacent to the treated site. Protect the forage and habitat of non-target organisms by following label directions intended to minimize drift.

#### 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.

#### WEED RESISTANCE MANAGEMENT

For resistance management, Lebanon Trifluralin G-5 is a Group 3 herbicide. Any weed population may contain certain or develop plants naturally resistant to Lebanon Trifluralin G-5 and other Group 3 herbicides. The resistant biotypes may dominate the weed population if these herbicides are used repeatedly in the same area. Appropriate resistance management strategies should be followed.

To delay herbicide resistance take one or more of the following steps:

Rotate the use Lebanon Trifluralin G-5 or other Group 3 herbicides within a growing season with different herbicide groups that control the same weeds.

Scout after herbicide application to monitor weed populations for early signs of resistance development. Indicators of possible herbicide resistance include: (1) failure to control a weed species normally controlled by the herbicide at the dose applied, especially if control is achieved on adjacent weeds; (2) a spreading patch of noncontrolled plants of a particular weed species; (3) surviving plants mixed with controlled individuals of the same species. If resistance is suspected, prevent weed seed production in the affected area by an alternative herbicide from a different group or by a mechanical method such as hoeing or tillage. Prevent movement of resistant weed seeds to other fields by cleaning equipment.

If weed population continues to progress after treatment with this product, discontinue use of this product, and switch to another management strategy or herbicide with a different mode of action, if available.

Contact your local extension specialist, pest control advisor, or local extension specialist for additional pesticide resistance management and/or integrated weed management recommendations for plants and weed biotypes.

## 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

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, 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 or incorporation using cultivation equipment capable of uniformly mixing the herbicide into the upper 1-2 inches of soil is required to activate this product. Optimum weed control will be obtained when followed by overhead irrigation or rainfall within a few hours after surface application. Do not apply when wind conditions favor drift of the granules from the target area.

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

#### ANNUAL GRASSES

<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>
Barley, hare	<i>Hordeum leporinum</i>	Goosegrass	<i>Eleusine indica</i>
Barnyardgrass (watergrass)	<i>Echinochloa crus-galli</i>	Junglerice	<i>Echinochloa colonum</i>
Bluegrass, annual	<i>Poa annua</i>	Lovegrass	<i>Eragrostis</i> spp.
Brome	<i>Bromus</i> spp.	Oat, Wild	<i>Avena fatua</i>
Cheat	<i>Bromus secalinus</i>	Panicum, fall	<i>Panicum dichotomiflorum</i>
Crabgrass	<i>Digitaria</i> spp.	Sandbur, field	<i>Cenchrus incertus</i>
Cupgrass, Southwestern	<i>Eriochloa gracilis</i>	Signalgrass	<i>Brachiaria</i> spp.
Fescue, rattail	<i>Vulpia myuros</i>	Sprangletop, Mexican	<i>Leptochloa univervia</i>
Foxtail	<i>Setaria</i> spp.	Stinkgrass	<i>Eragrostis cilianensis</i>
		Witchgrass	<i>Panicum capillare</i>

#### ANNUAL BROADLEAF WEEDS

<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>
Chickweed, common	<i>Stellaria media</i>	Nettle, stinging	<i>Urtica dioica</i>
Goosefoot, nettleleaf	<i>Chenopodium murale</i>	Pigweed	<i>Amaranthus</i> spp.
Knotweed, prostrate	<i>Polygonum aviculare</i>	Purslane, common	<i>Portulaca oleracea</i>
Kochia	<i>Kochia scoparia</i>	Thistle, Russian	<i>Salsola iberica</i>
Lambsquarters, common	<i>Chenopodium album</i>		

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.).

<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>
Carpetweed	<i>Mollugo verticillata</i>	Pusley, Florida	<i>Richardia scabra</i>
Johnsongrass (from seed)	<i>Sorghum halepense</i>	Shattercane	<i>Sorghum bicolor</i>
Panicum, Texas	<i>Panicum texacum</i>		

## 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.

This product must be soil-incorporated within 24 hours of application either by at least 0.5 acre inch of water (rainfall, irrigation) or mechanical incorporation. If a second incorporation is needed it should be delayed 3 to 5 days after the first incorporation and be completed prior to planting.

## 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

<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>
<i>Abies Balsamea</i>	Balsam Fir	<i>Liriodendron tulipifera</i>	Tuliptree
<i>Abies concolor</i>	White Fir	<i>Magnolia grandiflora</i>	Southern Magnolia
<i>Abutilon hybridum</i>	Albus Flowering Maple	<i>Malus</i> spp.	Crabapple
	Luteus Flowering Maple	<i>Morus alba</i>	White Mulberry
	Roseus Flowering Maple	<i>Musa aluminata</i>	Banana
	Tangerine Flowering Maple	<i>Nyssa sylvatica</i>	Blackgum
	Vesuvius Red-Flowering Maple	<i>Oxydendrum arboreum</i>	Sourwood
<i>Acer ginnmala</i>	Flame Maple	<i>Picea abies</i>	Norway Spruce
<i>Acer platanoides</i>	Norway Maple		Pendula-Weeping Norway Spruce
<i>Acer rubrum</i>	Red Maple		Repens-Spreading Norway Spruce
	Red Sunset Maple	<i>Picea glauca conica</i>	Dwarf Alberta Spruce
<i>Acer Saccharinum</i>	Silver Maple	<i>Picea glauca</i>	White spruce
<i>Acer Saccharum</i>	Sugar Maple	<i>Picea pungens</i>	Dwarf Globe Blue Spruce
<i>Areacastrum romanzoffianum</i>	Queen Palm		Glauca-Colorado Blue Spruce
<i>Betula nigra</i>	River Birch		Hoopsii-Hoop's Blue Spruce
<i>Betula papyrifera</i>	Paper Birch		Koster-Koster Blue Spruce
<i>Betula pendula</i>	European White Birch	<i>Pinus aristata</i>	Bristlecone Pine
<i>Brachychiton populneus</i>	Bottle Tree	<i>Pinus canariensis</i>	Canary Island Pine
<i>Bucida Buceras</i>	Black Olive	<i>Pinus contorta</i>	Shore Pine, Beach Pine
<i>Castanea mollissima</i>	Chinese Chestnut	<i>Pinus eldarica</i>	Eldarica Pine
<i>Ceratonia siliqua</i>	Carob	<i>Pinus leucodermis</i>	Bosnian Pine
<i>Cercis canadensis</i>	Redbud	<i>Pinus mugo</i>	Pumilio-Shrubby Swiss Mountain Pine
<i>Chamaecyparis obtusa</i>	Filicoides-Fernspray Cypress	<i>Pinus nigra</i>	Austrian Black Pine
	Gracilis-Slender Hinoki Cypress	<i>Pinus radiata</i>	Monterey Black Pine
<i>Chamaecyparis pisifera</i>	Swara False Cypress	<i>Pinus resinosa</i>	Red Pine
	Squarrosa-Moss Cypress	<i>Pinus strobus</i>	White Pine
<i>Chamaedorea cataractarum</i>	Palm	<i>Pinus Sylvestris</i>	Columnar Scotch Pine
<i>Chamaedorea costaricana</i>	Palm		Scotch Pine
<i>Chamaedorea elegans</i>	Parlor Palm	<i>Pinus taeda</i>	Loblolly Pine
<i>Cornus Florida</i>	Cloud Nine Dogwood	<i>Pinus thunbergiana</i>	Japanese Black Pine
	Flowering Dogwood	<i>Platanus acerifolia</i>	London Planetree
<i>Cornus Kousa</i>	Kousa Dogwood	<i>Platanus occidentalis</i>	American Sycamore
<i>Crataegus viridis</i>	Green Hawthorn	<i>Platanus racemosa</i>	California Sycamore
<i>Cupaniopsis anacardioides</i>	Carrot Wood	<i>Podocarpus</i> spp.	Podocarpus
<i>Cupressus glabra</i>	Arizona Cypress	<i>Populus deltoides</i>	Cottonwood
<i>Elaeagnus angustifolia</i>	Russian Olive	<i>Prosopis chilensis</i>	Chilean Mesquite
<i>Eucalyptus camaldulensis</i>	Redgum Eucalyptus	<i>Prunus yedoensis</i>	Yoshino Flowering Cherry
<i>Eucalyptus cinerea</i>	Mealy Eucalyptus	<i>Pseudotsuga menziesii</i>	Douglasfir
	Silver Dollar Eucalyptus	<i>Quercus coccinea</i>	Scarlet Oak
<i>Eucalyptus microtheca</i>	Coolibah Tree	<i>Quercus ilicifolia</i>	Bear Oak
<i>Eucalyptus sideroxyylon</i>	Red Ironbark Eucalyptus	<i>Quercus palustris</i>	Pin Oak
<i>Ficus benjamina</i>	Ficus	<i>Quercus phellos</i>	Willow Oak
	Mini Fucus	<i>Quercus rubra</i>	Red Oak
<i>Fraxinus Americana</i>	White Ash	<i>Quercus virginiana</i>	Live Oak
<i>Fraxinus udhei</i>	Shamel Ash	<i>Robinia pseudoacacia</i>	Black Locust
<i>Ginkgo biloba</i>	Ginkgo-Maidenhair Tree	<i>Salix</i> spp.	Willow



<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>
<i>Elaeagnus pungens</i>	Fruitland Silver Berry		Japanese Alpine Spiraea
<i>Erica cinerea</i>	Purple Bell Heather		Shirobana Spiraea
<i>Erica x darleyensa</i>	Mediterranean Pink Heather	<i>Spiraea vanhouttii</i>	Bridal Wreath
<i>Erica vagans</i>	Cornish Heather	<i>Syringa rothomagensis</i>	Chinese Lilac
<i>Euonymus alatus</i>	Winged Euonymus	<i>Syringa vulgaris</i>	Common Lilac
<i>Euonymus fortunei</i>	Canadale Gold Euonymus	<i>Taxus cuspidata</i>	Upright Japanese Yew
	Emerald'n Gold Euonymus	<i>Taxus media</i>	Anglojap Yew
	Sunspot Euonymus	<i>Tecomaria capensis</i>	Cape Honeysuckle
	Wintercreeper Euonymus	<i>Ternstroemia gymnanthera</i>	
<i>Euonymus japonica</i>	Silver King-Euonymus	<i>Thuja occidentalis</i>	American Arborvitae
	Variiegated Evergreen Euonymus		Emerald Arborvitae
<i>Euonymus kiautschovica</i>	Spreading Euonymus		Globosa-Globe Arborvitae
<i>Feijoa Sellowiana</i>	Pineapple Guava		Little Giant-Dwarf Arborvitae
<i>Forsythia</i> spp.	Forsythia		Nigra-Dark American Arborvitae
<i>Gardenia jasminoides</i>	August Beauty Gardenia		Pyramidalis-Pyramid Arborvitae
	Gardenia		Rheingold Arborvitae
	Radican Gardenia		Techny Arborvitae
<i>Gaultheria shallon</i>	Salal/Lemon Leaf	<i>Thuja orientalis</i>	Aureus Nana-Dwarf Golden Arborvitae
<i>Gelsemium sempervirens</i>	Carolina jessamine		Minima Glauca-Dwarf Arborvitae
<i>Genista pilosa</i>	Woadwaxen	<i>Veitchia merrilli</i>	Christmas Palm
<i>Hibiscus rosa-sinensis</i>	Ross Estey-Hibiscus	<i>Virburnum</i> spp.	Virburnum
<i>Hibiscus syriacus</i>	Rose-of-Sharon- Heart	<i>Weigela</i> spp.	Weigela
	Rose-of-Sharon- Red Bird	<i>Xylosma congestum</i>	Xylosma
	Rose-of-Sharon- Woodbridge	<i>Yucca filamentosa</i>	Yucca

### GROUND COVERS

<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>
<i>Achillea tomentosa</i>	Wooly yarrow	<i>Hosta lancifolia</i>	Albo-Marginata Hosta
<i>Agapanthus</i> spp.	Lily-of-the-Nile	<i>Hypericum</i> spp.	Aaronsbeard
<i>Ammophila breviligulata</i>	Beechgrass		St. Johnswort
<i>Arctotheca calendula</i>	Cape Weed	<i>Jasminum nitidum</i>	Angelwing Jasmine
<i>Armeria maritima</i>	Thrift	<i>Lampranthus spectabilis</i>	Trailing Iceplant
<i>Asparagus densiflorus</i>	Asparagus Fern	<i>Liriope Gigantea</i>	White Lily Turf
<i>Campanula</i> spp.	Bellflower	<i>Liriope muscari</i>	Big Blue Lily Turf
<i>Carex</i> spp.	Variiegated Carex		Lilac Beauty Lily Turf
<i>Carpobrotus edulis</i>	Largeleaf Iceplant		Magestic Lily Turf
<i>Ceratostigma plumbaginoides</i>	Dwarf Plumbago	<i>Liriope spicata</i>	Silvery Sunproof Lily Turf
<i>Cistus</i> spp.	Rockrose	<i>Miscanthus sinensis</i>	Variiegated Lirope Lily Turf
<i>Coreopsis</i> spp.	Coreopsis	<i>Muehlenbeckia axillaris</i>	Green/Creeping Lily Turf
<i>Coronilla vana</i>	Crown Vetch	<i>Myoporum laetum</i>	Eulalia Grass
<i>Cortaderia selloana</i>	Pampas Grass	<i>Ophiopogon japonicus</i>	Creeping Wirevine
<i>Cotoneaster</i> spp.	Cotoneaster		Myoporum
<i>Delosperma alba</i>	White Iceplant	<i>Osteospermum fruticosum</i>	Dwarf Mondo Grass
<i>Descampsia caespitosa</i>	Descampsia	<i>Pachysandra terminalis</i>	Mondo Grass
<i>Drosanthemum floribundum</i>	Trailing Rosea Iceplant	<i>Pennisetum alopecuroides</i>	Trailing African Daisy
<i>Drosanthemum hispidum</i>	Iceplant	<i>Phalaris arundinacea picta</i>	Japanese Spurge
<i>Festuca ovina glauca</i>	Blue Fescue	<i>Sedum</i> spp.	Fountain Grass
<i>Fragaria chiloensis</i>	Strawberry, Beach	<i>Teucrium chamaedrys</i>	Ribbon Grass
<i>Gazania</i> spp.	Gazania	<i>Trachelospermum asiaticum</i>	Stonecrop (Sedum)
<i>Hakonechloa macroaureola</i>	Golden Hakonechloa	<i>Verbena</i> spp.	Germander
<i>Hedera canariensis</i>	Algerian Ivy	<i>Veronica</i> spp.	Asaian Jasmine
<i>Hedera helix</i>	English Ivy	<i>Vinca</i> spp.	Verbena
<i>Hemerocallis</i> spp.	Daylilly		Speedwell
<i>Herniaria glabra</i>	Rupturewort		Periwinkle

### ESTABLISHED FLOWERS

<u>Scientific Name</u>	<u>Common Name</u>	<u>Scientific Name</u>	<u>Common Name</u>
<i>Achillea</i> spp.	Yarrow	<i>Ixora</i> spp.	Ixora
<i>Ageratum houstonianum</i>	Floss Flower	<i>Lathyrus odoratus</i>	Sweet Pea
<i>Alyssum</i> spp.	Alyssum	<i>Limonium</i> spp.	Statice
<i>Antirrhinum majus</i>	Snapdragon	<i>Lobelia</i> spp.	Lobelia
<i>Arctotis</i> spp.	African Daisy	<i>Lobularia maritima</i>	Sweet Alyssum
<i>Artemisia stellerana</i>	Dusty Miller	<i>Lupinus</i> spp.	Lupine
<i>Aster</i> spp.	Aster (perennial)	<i>Matthiola</i> spp.	Stock
<i>Calendula officianalis</i>	Calendula	<i>Mirabilis jalapa</i>	Four O'Clock
<i>Centaurea cyanus</i>	Cornflower	<i>Myosotis</i> spp.	Forget-Me-Not
<i>Centaurea gymnocarpa</i>	Velvet Centaurea	<i>Nicotiana</i> spp.	Nicotiana
<i>Centaurea moschata</i>	Sweet Sultan	<i>Papaver</i> spp.	Poppy, California
<i>Chrysanthemum</i> spp.	Chrysanthemum	<i>Petunia hybrida</i>	Petunia
<i>Convolvulus</i> spp.	Morningglory	<i>Phlox</i> spp.	Phlox
<i>Coreopsis</i> spp.	Coreopsis	<i>Portulaca grandiflora</i>	Portulaca
<i>Cosmos</i> spp.	Cosmos	<i>Rosa</i> spp.	Rose



**Scientific Name**  
*Dahlia* spp.  
*Dianthus* spp.  
*Dimorthea* spp.  
*Euphorbia marginata*  
*Gaillardia* spp.  
*Geum* spp.  
*Gladiolus* spp.  
*Gypsophila paniculata*  
*Helianthus* spp.  
*Impatiens balsamina*  
*Impatiens* spp.

**Common Name**  
Dahlia  
Dianthus  
Marigold, Cape  
Snow on the Mountain  
Gaillardia  
Geum  
Gladiolus  
Baby's Breath  
Sunflower  
Balsam  
Impatiens

**Scientific Name**  
*Rudbeckia hirta*  
*Rudbeckia laciniata*  
*Salvia* spp.  
*Scabiosa* spp.  
*Stachys* spp.  
*Stokesia laevis*  
*Tagetes* spp.  
*Tropaeolum* spp.  
*Vinca* spp.  
*Zinnia* spp.

**Common Name**  
Blackeyed Susan  
Golden Glow  
Salvia  
Pincushion Flower  
Lamb's Ears  
Stoke's Aster  
Marigold  
Nasturtium  
Vinca  
Zinnia

### 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\*

**Common Name**  
Almond  
Apple  
Apricot  
Avocado  
Blackberry  
Blueberry  
Boysenberry  
Cherry, sour  
Cherry, sweet

**Common Name**  
Currant  
Dewberry  
Elderberry  
Fig  
Filbert  
Gooseberry  
Grape, American  
Grape, European  
Grapefruit

**Common Name**  
Kiwi  
Lemon  
Loganberry  
Macadamia Nut  
Nectarine  
Olive  
Orange  
Peach  
Pear

**Common Name**  
Pecan  
Pistachio  
Plum  
Pomegranate  
Prune  
Raspberry  
Walnut, black  
Walnut, English

\*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.

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Advertising Claims that may be present on the label:

LebanonTurf Logo

For technical assistance or more information about our products visit [www.LebanonTurf.com](http://www.LebanonTurf.com)

Made in the U.S.A

Optional for brand names with Treflan add the following statement:

Contains Treflan\* Herbicide