



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

December 4, 2025

Edward Hearn  
Regulatory Consultant for Lebanon Seaboard Corporation  
SynTech Regulatory  
7217 Lancaster Pike, Suite A  
Hockessin, DE 19707

Subject: Label Amendment - Registration Review Mitigation for Benfluralin  
Product Name: GREENS KEEPER BALAN\*  
EPA Registration Number: 961-268  
Case Number: 672689  
Application Date: April 1, 2019

Dear Edward Hearn:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Benfluralin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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 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) list 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 Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for

shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Concepción Rodríguez by phone at 202-566-0820, or via email at [rodriguez.concepcion@epa.gov](mailto:rodriguez.concepcion@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read "Julie R. Javier". The signature is fluid and cursive, with the first name "Julie" being the most prominent.

Julie Javier, Team Leader  
Risk Mitigation and Implementation Branch 4  
Pesticide Re-Evaluation Division  
Office of Pesticide Programs

ENCLOSURE: Stamped label

{Master Label: Sublabel 1: Commercial Usage, Sublabel 2: Homeowner Usage}

Sublabel 1: Commercial Usage

BENFLURALIN	GROUP	3	HERBICIDE
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GREENSKEEPER BALAN\*

{Alternate Brand Names:}  
[Lebanon Balan 2.5 G]

ACTIVE INGREDIENT:	BY WT. %
Benfluralin .....	2.5%
OTHER INGREDIENTS: .....	97.5%
TOTAL .....	100.00%

Contains 1 pound active ingredient per 40 pound bag.

EPA Reg. No. 961-268  
\*Trademark of Dow AgroSciences, LLC.

Benfluralin CAS. No. 1861-40-1  
(L) (D)  
EPA Est. No. 961-PA-01; 961-IL-01  
Superscript used is first letter of lot number.

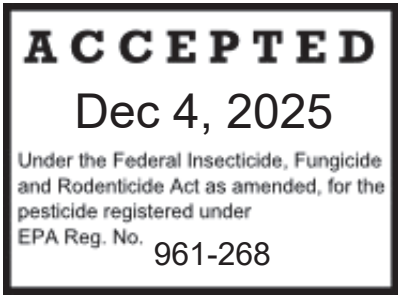
KEEP OUT OF REACH OF CHILDREN  
CAUTION

See back panel for additional Precautionary Statements

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO LABEL INSTRUCTIONS.  
Before buying this product, read the Warranty Section elsewhere on this label.  
If terms are not acceptable, return the unopened container to the place of purchase at once.

MANUFACTURED BY:  
LEBANON SEABOARD CORPORATION  
1600 EAST CUMBERLAND STREET  
LEBANON, PA 17042  
[www.lebsea.com](http://www.lebsea.com)

Net weight: 40 LBS. (18.14 Kg)  
Treats: 22,040 SQ. FT.



**HAZARDS TO HUMANS AND DOMESTIC ANIMALS****CAUTION**

Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes, skin or clothing.

<b>FIRST AID</b>	
<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.</li> <li>• 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 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 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>• <b>DO NOT</b> induce vomiting unless told to do so by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person</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 by 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. You may also contact <b>(888) 208-1368</b> for emergency medical treatment information	

**Personal Protective Equipment (PPE)**

**All loaders, applicators, and other handlers must wear:**

- Long sleeved shirt and long pants
- Socks plus shoes
- Chemical- resistant gloves made of Barrier Laminate, Butyl Rubber  $\geq$  14 mils. Nitrile Rubber  $\geq$  14 mils, Neoprene rubber  $\geq$  14 mils, Natural Rubber  $\geq$  14 mils, Polyethylene, Polyvinyl chloride (PVC)  $\geq$  14 mils, or Viton  $\geq$  14 mils

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

**User Safety Recommendations:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. 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 that will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment washwater or rinse water. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

**NON-TARGET ORGANISM ADVISORY STATEMENT:** This product is toxic to plants not listed on this label 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 spray 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 carefully before applying this product.

**Not for use on plants 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 modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.**

**Application Restrictions:** **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 applications.

**DO NOT** aerially apply this product.

**Entry Restrictions:** This product must be watered in as soon as possible after application. **DO NOT** enter or allow other people (or pets) to enter the treated area until dust has settled. Except for those people involved in the watering-in, **DO NOT** enter or allow other people (or pets) to enter the treated areas until the watering-in is complete and the surface is dry.

#### PRODUCT INFORMATION

This product contains a preemergence herbicide which is applied to established turfgrasses for the control of annual bluegrass (*Poa annua*), smooth and hairy crabgrass, goosegrass (silver crabgrass or crowfoot), barnyardgrass (watergrass) and green and yellow foxtail. This product controls these annual weeds by killing their seeds as they germinate. Apply product before these annual weeds begin to germinate since it does not control established weeds.

[NOTE: Application rates listed can be shown on actual label as lbs. per acre and/or lbs. per 1,000 sq. ft.]

#### PRECAUTIONS & RESTRICTIONS

Apply this product to the turf prior to the germination of weed grasses since it will not control established weeds. This product may thin established annual bluegrass (*Poa annua*) turfs and fine-leaved fescues at rates above (60 lbs. per acre (1.5 lbs. active ingredient) or 1 1/2 lbs. per 1,000 sq. ft.). **DO NOT** apply this product in the spring to turfgrasses planted in the previous fall. In bermudagrass areas that have been over-seeded with winter grasses, a spring application of this product may thin the over-seeded grasses. Because of varying cultural practices, do not apply this product to newly sprigged areas of bermudagrass, St. Augustinegrass or centipedegrass until these turfs are well established.

**Cool Season Turf:** Maximum of 60 lbs. of product per acre or [1 3/8 or 1.38] lbs. product per 1000 sq. ft. (1.5 lbs.. a.i. per acre) per application. Maximum of 2 applications per year. Maximum of 120 lbs. of product per acre or [2 3/4 or 2.75] lbs. of product per 1000 sq. ft. (3 lbs. a.i. per acre) per year.

**Warm Season Turf:** Maximum of 120 lbs. of product per acre or [2 3/4 or 2.75] lbs. of product per 1000 sq. ft. (3 lbs. a.i. per acre) per application. Maximum of 2 applications per year. Maximum of 240 lbs. of product per acre or [5 1/2 or 5.5] lbs. of product per 1000 sq. ft. (6 lbs. a.i. per acre) per year.

#### WEED RESISTANCE MANAGEMENT

For resistance management, **Greenskeeper Balan** is a Group 3 herbicide. Any weed population may contain certain or develop plants naturally resistant to **Greenskeeper Balan** 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 of **Greenskeeper Balan** or other Group 3 herbicides within a growing season with different herbicide groups that control the same weeds.

Adopt an integrated weed management program for herbicide use that includes scouting and uses historical information related to herbicide use, and that considers cultural, biological varieties and other turf management practices.

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 non-controlled 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. Prevent movement of resistant weed seeds to other areas 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 sales representative, pest control advisors, or local extension specialist for additional pesticide resistance management and/or integrated weed management recommendations for specific types of plants and weed biotypes.

#### APPLICATION DIRECTIONS AND RATES

##### Rates, Frequency and Timing of Application

Successful preemergence control of the annual grass weeds listed on this label requires proper timing of application.

Apply this product approximately 1 to 2 weeks prior to the germination of annual grass weeds. All summer annual grasses **DO NOT** germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual grass weeds listed on this label, weed control results may be erratic or poor. Optimum weed control performance will be obtained if treated areas are irrigated soon

after application.

Apply this product to turf before the germination of annual grass weeds. General times of application are discussed below for each type of weed. The precise time of application for a specific area will vary because of climate and individual cultural practices. Consult Experiment Station or Extension Service Weed Specialist for additional information regarding specific weed germination in your area. Any cultural practices that disturb the soil, such as aerification or verticutting, should be done prior to applying this product.

### 1. Spring Germinating Summer Annual Grasses- Crabgrasses, Foxtails and Barnyardgrass

#### A. Northern (Cool Season) Turfgrasses

For preemergence control apply [60 lbs. per acre (1.5 lbs. active ingredient) or [1 3/8 or 1.38] lbs. per 1,000 sq. ft.] of this product in the spring, prior to the onset of conditions favorable for annual weed grass seed germination.

#### B. Southern (Warm Season) Turfgrasses

For preemergence control apply [80 to 120 lbs. per acre (2 to 3 lbs. active ingredient) or [1 5/6 or 1.83] to [2 3/4 or 2.75] lbs. per 1,000 sq. ft.] of this product in the late winter or early spring, prior to annual weed grass seed germination.

In areas of the United States where germination of the annual weed grass species continues for extended periods of time, a second application of this product at the specified rate may be made 8 to 10 weeks after initial treatment for continued control.

In areas of the United States where germination of the annual weed grass species continues for extended periods of time, a second application of this product at the specified rate may be made 8 to 10 weeks after initial treatment for continued control.

### 2. Late Spring, Early Summer Germinating Annual Grasses - Goosegrass

Although classified as a summer annual grass, goosegrass normally germinates 4 to 6 weeks later than crabgrass, foxtails and other summer annual grass species. Applications of this product should, therefore, be timed accordingly.

#### A. Northern (Cool Season) Turfgrasses

For preemergence control, apply [60 lbs. per acre (1.5 lbs. active ingredient) or [1 3/8 or 1.38] lbs. per 1,000 sq. ft.] of this product in the late spring or early summer 1 to 2 weeks prior to the expected germination of goosegrass.

#### B. Southern (Warm Season) Turfgrasses

For preemergence control, apply [80 to 120 lbs. per acre (2 to 3 lbs. active ingredient) or [1 5/6 or 1.83] to [2 3/4 or 2.75] lbs. per 1,000 sq. ft.] of this product in the late spring or early summer 1 to 2 weeks prior to the expected germination of goosegrass.

### 3. Northern and Southern Turfgrasses

In areas of the United States where preemergence control of both early germinating annual grasses (crabgrass, foxtails, and barnyardgrass) and the later germinating goosegrass is desired, two applications of this product at the specified rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.

### 4. Annual bluegrass (*Poa annua*) control

In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in thin turfgrass areas. Proper fertilization, irrigation and soil incorporated reseeding will encourage existing desirable turfgrasses and newly planted seedling turfgrasses to fill in these thin areas previously occupied by annual bluegrass.

#### A: Northern (Cool Season) Turfgrasses

For preemergence control apply [60 lbs. per acre (1.5 lbs. active ingredient) or [1 3/8 or 1.38] lbs. per 1,000 sq. ft.] of this product in late summer to early fall, or in early spring 1 to 2 weeks prior to the expected germination of annual bluegrass.

#### B. Southern (Warm Season) Turfgrasses

For preemergence control apply [120 lbs. per acre (3 lbs. active ingredient) or [2 3/4 or 2.75] lbs. per 1,000 sq. ft.] of this product in late summer to early fall 1 to 2 weeks prior to the expected germination of annual bluegrass. In areas of the United States where germination of annual bluegrass continues for extended periods of time, a second application of this product at [120 lbs. per acre or [2 3/4 or 2.75] lbs. per 1,000 sq. ft.] can be made 10 to 12 weeks after the initial treatment.

### RESEEDING

Chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks after applying this product. When reseeding, it is necessary that proper cultural practices, such as soil cultivation, irrigation and fertilization be followed. For satisfactory reseeding results after using this product, the amount of seed used should be increased and equipment designed to place seed in contact with the soil should be employed. To ensure satisfactory results after using this product, the amount of seed used should be increased. When using this product at the higher rate to control annual bluegrass (*Poa annua*) and other annual grasses, reseeding should be delayed 12 to 16 weeks after application.

### APPLICATION

Apply this product evenly over the turf area without skips or misses. A more uniform application can be made by spreading half the required amount of this product over the area and then applying the remaining half at right angles or crosswise. Both drop-type and rotary-type spreaders may be used to apply this product. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. Calibrate applicators prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly.

**SUGGESTED SPREADER SETTINGS**

[**Note:** Registrant/Sub-registrant may insert appropriate spreader setting information based on desired spreaders and specified use rates.]

[NOTE: Above spreader settings are approximate. Check your spreader on 100 sq. ft. and adjust to apply only 3 oz. per 100 sq. ft. Rate of walk, moisture and spreader condition can vary the spreader setting necessary to apply the correct amount.]

**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 HANDLING:** 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.

**LIMITATIONS OF LIABILITY:** To the extent consistent with applicable law, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT LEBANON SEABOARD CORPORATION'S ELECTION, THE REPLACEMENT OF PRODUCT.]

Advertising claims that may be presented on the label

- [Product name is] [A Selective preemergence herbicide for the control of crabgrass and most other annual weed grasses on lawns and golf courses in established:]
  - Bahiagrass
  - Bermudagrass
  - Bluegrass (perennial)
  - Centipedegrass
  - Fescue
  - Ryegrass (perennial)
  - St. Augustinegrass
  - Zoysiagrass

Lebanon Turf Logo

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



Sublabel 2: Homeowner Usage

BENFLURALIN	GROUP	3	HERBICIDE
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GREENSKEEPER BALAN\*

ACTIVE INGREDIENT:	BY WT. %
Benfluralin (N-butyl-N-ethyl-a,a,a-trifluoro- 2,6-dinitro-p-toluidine):.....	0.29%
OTHER INGREDIENTS: .....	99.71%
TOTAL .....	100.00%

Contains 1 pound active ingredient per 40 pound bag.

EPA Reg. No. 961-268  
\*Trademark of Dow AgroSciences LLC.

Benfluralin CAS. No. 1861-40-1  
(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

See back panel for additional Precautionary Statements

READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT. USE ONLY ACCORDING TO LABEL INSTRUCTIONS.

Before buying this product, read the Warranty Section elsewhere on this label.  
If terms are not acceptable, return the unopened container to the place of purchase at once.

MANUFACTURED BY:  
LEBANON SEABOARD CORPORATION  
1600 EAST CUMBERLAND STREET  
LEBANON, PA 17042  
[\[www.lebsea.com\]](http://www.lebsea.com)

[Net weight: XXX LBS. (xxx kg)  
[Treats: X,XXX SQ. FT.]

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS  
CAUTION

Causes moderate eye irritation. Harmful if swallowed. Avoid contact with eyes, skin or clothing. Wear long-sleeved shirt, long pants, socks, shoes, and chemical-resistant gloves.

FIRST AID	
IF IN EYES:	<ul style="list-style-type: none"><li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>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>
IF ON SKIN OR CLOTHING:	<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>
IF SWALLOWED:	<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 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 by 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. You may also contact <b>(888) 208-1368</b> for emergency medical treatment information	

**User Safety Recommendations:**

- 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 clothing immediately after handling this product. Wash the outside of gloves before removing. 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 that will directly expose canals, lakes, streams, ponds, marshes or estuaries to aerial drift. Drift and runoff may be hazardous to aquatic organism in water adjacent to treated areas. 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 lawn will help to prevent run off to water bodies or drainage systems.

**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 spray 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 carefully before applying this product.

**Not for use on plants 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 modification and being grown in ornamental gardens or parks, or on golf courses or lawns and grounds.**

**Application Restrictions:** **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 applications.

**Entry Restrictions:** This product must be watered in as soon as possible after application. **DO NOT** enter or allow other people (or pets) to enter the treated area until dust has settled. Except for those people involved in the watering-in, **DO NOT** enter or allow other people (or pets) to enter the treated areas until the watering-in is complete and the surface is dry.

**PRODUCT INFORMATION**

This product contains a preemergence herbicide which is applied to established turfgrasses for the control of annual bluegrass (*Poa annua*), smooth and hairy crabgrass, goosegrass (silver crabgrass or crowfoot), barnyardgrass (watergrass) and green and yellow foxtail. This product controls these annual weeds by killing their seeds as they germinate. Apply product before these annual weeds begin to germinate since it does not control established weeds.

*[NOTE: Application rates listed can be shown on actual label as lbs. per acre and/or lbs. per 1,000 sq. ft.]*

**PRECAUTIONS & RESTRICTIONS**

Apply this product to the turf prior to the germination of weed grasses since it will not control established weeds. This product may thin established annual bluegrass (*Poa annua*) turfs and fine-leaved fescues at rates above (60 lbs. per acre (1.5 lbs. active ingredient) or 1 1/2 lbs. per 1,000 sq. ft.). **DO NOT** apply this product in the spring to turfgrasses planted in the previous fall. In bermudagrass areas that have been over-seeded with winter grasses, a spring application of this product may thin the over-seeded grasses. Because of varying cultural practices, do not apply this product to newly sprigged areas of bermudagrass, St. Augustinegrass or centipedegrass until these turfs are well established.

**Cool Season Turf:** Maximum of 60 lbs. of product per acre or [1 3/8 or 1.38] lbs. product per 1000 sq. ft. (1.5 lbs. a.i. per acre) per application. Maximum of 2 applications per year. Maximum of 120 lbs. of product per acre or [2 3/4 or 2.75] lbs. of product per 1000 sq. ft. (3 lbs. a.i. per acre) per year.

**Warm Season Turf:** Maximum of 120 lbs. of product per acre or [2 3/4 or 2.75] lbs. of product per 1000 sq. ft. (3 lbs. a.i. per acre) per application. Maximum of 2 applications per year. Maximum of 240 lbs. of product per acre or [5 1/2 or 5.5] lbs. of product per 1000 sq. ft.

(6 lbs. a.i. per acre) per year.

### **APPLICATION DIRECTIONS AND RATES** **Rates, Frequency and Timing of Application**

Successful preemergence control of the annual grass weeds listed on this label requires proper timing of application.

Apply this product approximately 1 to 2 weeks prior to the germination of annual grass weeds. All summer annual grasses **DO NOT** germinate at the same time. If application timing does not coincide with the normal germination period of any of the annual grass weeds listed on this label, weed control results may be erratic or poor. Optimum weed control performance will be obtained if treated areas are irrigated soon after application.

Apply this product to turf before the germination of annual grass weeds. General times of application are discussed below for each type of weed. The precise time of application for a specific area will vary because of climate and individual cultural practices. Consult Experiment Station or Extension Service Weed Specialist for additional information regarding specific weed germination in your area.

Any cultural practices that disturb the soil, such as aerification or verticutting, should be done prior to applying this product.

#### **1. Spring Germinating Summer Annual Grasses- Crabgrasses, Foxtails and Barnyardgrass**

##### **A. Northern (Cool Season) Turfgrasses**

For preemergence control apply [60 lbs. per acre (1.5 lbs. active ingredient) or [1 3/8 or 1.38] lbs. per 1,000 sq. ft.] of this product in the spring,

prior to the onset of conditions favorable for annual weed grass seed germination.

##### **B. Southern (Warm Season) Turfgrasses**

For preemergence control apply [80 to 120 lbs. per acre (2 to 3 lbs. active ingredient) or [1 5/6 or 1.83] to [2 3/4 or 2.75] lbs. per 1,000 sq. ft.] of this product in the late winter or early spring, prior to annual weed grass seed germination.

In areas of the United States where germination of the annual weed grass species continues for extended periods of time, a second application of this product at the specified rate may be made 8 to 10 weeks after initial treatment for continued control.

#### **2. Late Spring, Early Summer Germinating Annual Grasses - Goosegrass**

Although classified as a summer annual grass, goosegrass normally germinates 4 to 6 weeks later than crabgrass, foxtails and other summer annual grass species. Applications of this product should, therefore, be timed accordingly.

##### **A. Northern (Cool Season) Turfgrasses**

For preemergence control, apply [60 lbs. per acre (1.5 lbs. active ingredient) or [1 3/8 or 1.38] lbs. per 1,000 sq. ft.] of this product in the late spring or early summer 1 to 2 weeks prior to the expected germination of goosegrass.

##### **B. Southern (Warm Season) Turfgrasses**

For preemergence control, apply [80 to 120 lbs. per acre (2 to 3 lbs. active ingredient) or [1 5/6 or 1.83] to [2 3/4 or 2.75] lbs. per 1,000 sq. ft.] of this product in the late spring or early summer 1 to 2 weeks prior to the expected germination of goosegrass.

#### **3. Northern and Southern Turfgrasses**

In areas of the United States where preemergence control of both early germinating annual grasses (crabgrass, foxtails, and barnyardgrass) and the later germinating goosegrass is desired, two applications of this product at the specified rate spaced 8 to 10 weeks apart may be made to provide full season control of these annual grass species.

#### **4. Annual bluegrass (*Poa annua*) control**

In areas of heavy infestation of annual bluegrass, its elimination will temporarily result in thin turfgrass areas. Proper fertilization, irrigation and soil incorporated reseeding will encourage existing desirable turfgrasses and newly planted seedling turfgrasses to fill in these thin areas previously occupied by annual bluegrass.

##### **A: Northern (Cool Season) Turfgrasses**

For preemergence control apply [60 lbs. per acre (1.5 lbs. active ingredient) or [1 3/8 or 2.75] lbs. per 1,000 sq. ft.] of this product in late summer to early fall, or in early spring 1 to 2 weeks prior to the expected germination of annual bluegrass.

##### **B. Southern (Warm Season) Turfgrasses**

For preemergence control apply [120 lbs. per acre (3 lbs. active ingredient) or [2 3/4 or 2.75] lbs. per 1,000 sq. ft.] of this product in late summer to early fall 1 to 2 weeks prior to the expected germination of annual bluegrass. In areas of the United States where germination of annual bluegrass continues for extended periods of time, a second application of this product at [120 lbs. per acre or [2 3/4 or 2.75] lbs. per 1,000 sq. ft.] can be made 10 to 12 weeks after the initial treatment.

### **RESEEDING**

Chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks after applying this product. When reseeding, it is necessary that proper cultural practices, such as soil cultivation, irrigation

and fertilization be followed. For satisfactory reseeding results after using this product, the amount of seed used should be increased and equipment designed to place seed in contact with the soil should be employed. To ensure satisfactory results after using this product, the amount of seed used should be increased. When using this product at the higher rate to control annual bluegrass (*Poa annua*) and other annual grasses, reseeding should be delayed 12 to 16 weeks after application.

APPLICATION

Apply this product evenly over the turf area without skips or misses. A more uniform application can be made by spreading half the required amount of this product over the area and then applying the remaining half at right angles or crosswise. Both drop-type and rotary-type spreaders may be used to apply this product. Avoid the use of spreaders which would apply the material in narrow, concentrated bands. Calibrate applicators prior to use according to the manufacturer's directions. Check frequently to be sure equipment is working properly and distributing granules uniformly.

Optional heading: [SUGGESTED] SPREADER SETTINGS]  
[Note: Registrant/Sub-registrant may insert appropriate spreader setting information based on desired spreaders and suggested use rates. as listed above.]

[NOTE: Above spreader settings are approximate. Check your spreader on 100 sq. ft. and adjust to apply only 3 oz. per 100 sq. ft. Rate of walk, moisture and spreader condition can vary the spreader setting necessary to apply the correct amount.]

[

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.

**Pesticide and Container Disposal:** 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

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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