

PM 22

961-353

10/26/99

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OCT 26 1999

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Henry E. Rohland
Lebanon Seaboard Corporation
1600 East Cumberland Street
Lebanon, Pennsylvania 17042

Dear Mr. Rohland:

Subject: Label revision to update Lebanon's label to be consistent with Bayer Corporation
EPA Registration 961-354 Lebanon Bayleton 1.0% G Turf Fungicide
EPA Registration 961-353 Lebanon Bayleton .05% G Turf Fungicide ✓
Your applications dated August 25, 1999

The amendments referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended are acceptable provided that in the INGREDIENT STATEMENT you change the name Bayleton to Triadimefon. We recommend adding the Chemical Abstracts Service (CAS) number 43121-43-3 as a sub-statement (footnote) to the Ingredient Statement and should not in any way detract from the ingredient statement.

Common names established by the American National Standards Institute (ANSI) are acceptable. Trademark or proprietary names may not be used in the ingredient statement unless such names have been accepted as a common name by the Agency under the authority of FIFRA Section 25(c)(6).

Submit one (1) copy of your final printed labelings before you release the product for shipment.

Stamped copies of the labeling are enclosed for your records.

Sincerely yours,



Cynthia Giles-Parker
Product Manager 22
Fungicide Branch
Registration Division (7505C)

Enclosure:

NET WEIGHT: 15 LBS. (6.81 kg)
TREATS: 5,000 SQ. FT. PREVENTATIVE
2,500 SQ. FT. CURATIVE

3 9 5

LEBANON BAYLETON® 0.5%G TURF FUNGICIDE

For control of certain diseases on turf.

ACTIVE INGREDIENT:

Bayleton 1-(4-Chlorophenyl)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone 0.5%

INERT INGREDIENTS: 99.5%

TOTAL 100.0%

Bayleton® is a Reg. TM of Bayer AG.

EPA Reg. No. 961-353

(L) (D)

EPA Est. 961-PA-01:961-IL-01

Superscript used is first letter of lot number.

STOP - Read The Label Before Use
KEEP OUT OF REACH OF CHILDREN
CAUTION

See Back Panel for Statements of Practical Treatment First Aid and Additional Precautionary Statements

MANUFACTURED BY:
LEBANON SEABOARD CORPORATION
1600 EAST CUMBERLAND STREET
LEBANON, PA 17042
www.lebsea.com

ACCEPTED
with COMMENTS
In EPA Letter Dated:

OCT 26 1999

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.**

961-353

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

Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing vapor or dust. Avoid contact with skin, eyes or clothing. Do not contaminate feed or food. Keep out of reach of children.

Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse.

STATEMENTS OF PRACTICAL TREATMENT FIRST AID

IF SWALLOWED: Administer water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 10 to 20 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Never give anything by mouth to an unconscious person. Get medical attention immediately.

IF ON SKIN: Wash skin immediately with soap and warm water. If irritation occurs, get medical attention.

IF EYES ARE CONTAMINATED: Wash with plenty of water for at least 15 minutes. Get medical attention.

IF INHALED: Remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

TO PHYSICIAN: No specific antidote is available. Treat symptomatically.

ENVIRONMENTAL HAZARDS

Do not use on crops grown for food or forage. 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 by cleaning of equipment or disposal of wastes. disposal of equipment washwaters. Apply this product only as specified on this label. Do not make applications when weather conditions favor drift from target area.

Groundwater Advisory: This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

DIRECTIONS FOR USE

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

IMPORTANT: Read these entire Directions and Warranty before using this product.

NOT FOR USE ON TURF BEING GROWN FOR SALE OR OTHER COMMERCIAL USE AS SOD, OR FOR COMMERCIAL SEED PRODUCTION OR FOR RESEARCH PURPOSES.

APPLICATION

This product Bayleton fungicide is absorbed rapidly and works systemically from within the plant. Rainfall or sprinkler irrigation soon after application will assure rapid systemic uptake. Control will be less effective on turf suffering from drought stress. Therefore, in order to achieve maximum control, plants should be maintained in a vigorously growing state through good cultural practices.

Apply when the turf is fully established and actively growing. Applications should be applied at recommended intervals to maintain disease control.

Do not use on crops grown for food or forage.

**RECOMMENDED APPLICATIONS
TURFGRASS DISEASE CONTROL**

DISEASE	POUNDS OF PRODUCT PER 1,000 SQ. FT.		REMARKS
	PREVENTATIVE	CURATIVE	
Dollar Spot (<i>Sclerotinia homoeocarpa</i>)	3	—	PREVENTATIVE RATE: Apply recommended rate on 30-day intervals. Protective activity of BAYLETON fungicide may extend for as long as 60 days dependent upon environmental conditions.
	1.5	—	PREVENTATIVE RATE: Apply recommended rate on 14-day intervals. Protective activity of BAYLETON fungicide may extend for as long as 30 days dependent upon environmental conditions.
	—	6	CURATIVE RATE: To control existing infections, apply the curative rate. Re-application should be no closer than 14 days. When infections have been controlled, refer to the preventative rate schedule for rates and timing.
Copper Spot (<i>Gloeocercospora sorghii</i>) Powdery Mildew (<i>Erysiphe graminis</i>) Cortium Red Thread (<i>Laetisaria fuciformis</i>) Rusts (<i>Puccinia spp.</i>) Brown Patch/Rhizoctonia Blight (<i>Rhizoctonia solani</i>) (Suppression)	3	6	PREVENTATIVE RATE: Apply at 15- to 30-day intervals. When environmental conditions favor light to moderate disease development, use a longer interval. Protective activity of BAYLETON fungicide can be greater than 30 days depending on environmental conditions. CURATIVE RATE: To control existing infections, apply the curative rate. Re-application should be no closer than 14 days. When infections have been controlled, refer to the preventative rate schedule for rates and timing.
Anthracnose (<i>Colletotrichum graminicola</i>) Pea-Annuas Decline	6	—	PREVENTATIVE RATE: Apply at 30-day intervals and repeat as necessary for seasonal control. Dependent upon environmental conditions, residual control may be extended to 45 days.
	3	—	PREVENTATIVE RATE: Apply at 21-day intervals and repeat as necessary for seasonal control. Dependent upon environmental conditions, residual control may be extended to 30 days.
	—	6	CURATIVE RATE: To control existing infections, apply the curative rate. Re-application should be no closer than 14 days. When infections have been controlled, refer to the preventative rate schedule for rates and timing.

	PREVENTATIVE RATES C	
Stripe Smut (<i>Ustilago striiformis</i>)	6	Make a single application in spring as grass growth begins.
Fusarium Blight (<i>Fusarium culmorum</i>) (<i>Fusarium poae</i>) Summer Patch (<i>Magnaporthe poae</i>) (<i>Phialophora gramineola</i>) (Except California)	6	Apply first application in mid-June or 30 days prior to time this blight normally becomes evident. Applications should be made on 30-day intervals.
Fusarium Blight (<i>Fusarium culmorum</i>) (<i>Fusarium poae</i>) Summer Patch (<i>Magnaporthe poae</i>) (<i>Phialophora gramineola</i>) (California only)	6 to 12	Apply first application in mid-June or 30 days prior to time this blight normally becomes evident. Applications should be made at the 6 lb. rate on 15-day intervals or at the 12 lb. rate on 30-day intervals.
Zoysia patch, Large patch of zoysia (<i>Rhizoctonia solani</i>)	6 to 12	Make first application in early fall (mid-September to mid-October) prior to development of disease symptoms. A second application in early spring may be necessary in areas where disease pressure is known to be heavy.
Gray Snow Mold/Typhula Blight (<i>Typhula incarnata</i>) (Except California)	12	Apply in the fall, 30 days prior to turf dormancy. If turf breaks dormancy during winter months a second application should be made. Do not apply over snow cover, or when turf is dormant.
Pink Snow Mold/Fusarium Patch (<i>Fusarium nivale</i>) (<i>Microdochium nivale</i>) Southern Blight (<i>Sclerotium rolfsii</i>) (Except California)	6 to 12	Apply before conditions favorable for infection occur. Re-application should be made as needed at a 60- to 90-day interval. Do not apply over snow cover, or when turf is dormant. Use higher rate in areas with a history of severe disease damage.
Gray Snow Mold (<i>Typhula incarnata</i>) Pink Snow Mold (<i>Fusarium nivale</i>) California Only	Single Application 16 to 24	Apply in late Fall before first snow cover. Do not apply over snow cover. Use the high rate in areas with a history of severe snowmold damage.

NOTE: Apply the specified amount of this product with a standard granular applicator accurately calibrated to uniformly apply recommended amount of product per 1,000 sq. ft. Make application when turf is dry and following the mowing operation. Do not mow until a minimum of .25 inch of water has been applied to treated area. Do not use clippings for animal feed.

SPREADER SETTINGS

Approximate spreader settings for applying this product at the rate of 3 lbs. per 1,000 sq. ft. To apply 6 lbs. per 1,000 sq. ft., repeat the 3 lbs. application over the area to be treated at right angles. (The 12 lbs. rate would require four applications at the 3 lbs. spreader setting.)

Scott Drop Type Spreader 6 1/2	Ortho Drop Type Spreader 7	Cyclone Rotary Spreader 5	Scott Rotary Spreader N
Prize Lawn Spreader 3	Greenview Show 'N Tell 8	Ortho Rotary Spreader 6	Greenview Jet-Spred® 5

These spreader settings are starting points for equipment calibration. As spreader age and condition, and terrain roughness have an effect on delivery rates, individual spreaders should be calibrated to determine the correct setting.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Keep in original container in a cool, dry area, away from extreme heat and direct sunlight. Do not store near food, feed, seeds or other pesticides. Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area.

Handle and open container in a manner as to prevent spillage. If the container is leaking or material spilled for any reason or cause, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Material that cannot be used as directed should be disposed of as directed below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer Kansas City Emergency Response Telephone No. is 800-414-0244, or contact Chemtrec at 800-424-9300.

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

HOUSEHOLD: Do not reuse empty container. Securely wrap original container in several layers of newspaper and discard in trash put in trash collection.

CONTAINER DISPOSAL (Except Household): Do not reuse bag. Discard bag in trash. Do not use container in connection with food, feed, or drinking water. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

WARRANTY

The Manufacturer warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to Manufacturer, and Buyer assumes the risk of any such use.