

8378-54

3/27/2003

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

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Robert F. Bischoff  
Agent  
TotalTurf Consulting LLC  
P.O. Box 7928  
Hilton Head Island, SC 29938

MAR 27 2003

Subject: Gro-Fine Bayleton® Fungicide  
EPA Reg. 8378-54  
Your Amendment dated Feb. 20, 2003

Dear Mr. Bischoff:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable provided the following changes are made:

In the section "STORAGE AND DISPOSAL", change the subheading "PRODUCT DISPOSAL" to "PESTICIDE DISPOSAL".

In the section "Recommended Applications / Dollar Spot / Curative / Curative Rate, change the word "preventive" (last line on page 2) to "preventative".

A stamped copy of the label is enclosed for your records. Please submit one (1) copy of the final printed label before you release the product for shipment.

If you have any questions, please call Robert Westin at (703) 305-5721.

Sincerely,

A handwritten signature in black ink, appearing to read "Dennis McNeilly".

Dennis McNeilly  
Acting Product Manager (22)  
Fungicide Branch  
Registration Division (7505C)

Enclosure

# Gro-Fine Bayleton® Fungicide

Contains 0.5% Bayleton® Fungicide - For Systemic Control of Certain Diseases on Turf  
FOR CONTROL OF LAWN DISEASE ON BLUEGRASS, FESCUE, RYEGRASS, BERMUDAGRASS,  
ZOYSIAGRASS, ST. AUGUSTINEGRASS AND BENTGRASS.

For the prevention or cure of Dollar Spot, Copper Spot, Powdery Mildew, Red Thread, Rusts, Brown Patch, Anthracnose, Stripe Smut, Fusarium Blight, Summer Patch and Zoysia Patch.

**ACTIVE INGREDIENT:**

1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone .....	0.50%
INERT INGREDIENTS .....	99.50%
TOTAL	100.00%

EPA Reg. NO. 8378-54

EPA Est. No. 8378-IN-1

Bayleton® Turf Fungicide is a registered trademark of Bayer Corp.  
Gro-Fine\* is a registered trademark of Knox Fertilizer Co., Inc.

## KEEP OUT OF REACH OF CHILDREN CAUTION

### FIRST AID

**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 by mouth to an unconscious person.

**IF IN EYES** - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING** - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 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 ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. Have this product container or label with you when calling a poison control center or doctor, or when going for treatment.

Inserted: 9

See additional Precautionary Statements on this label.

### PRECAUTIONARY STATEMENTS

Hazard to Humans and Domestic Animals

**CAUTION:** Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing vapor, dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Wash contaminated clothing with soap and hot water before re-use.

Inserted: if

**ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
MAR 27 2003**

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

8378-54

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to intertidal areas below the mean high water mark. Do not contaminate water by disposal or equipment washwaters. Apply this product only as specified on this label. 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. Do not make applications when weather conditions favor drift from target areas.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes. Do not use on crops grown for food or forage.

**STORAGE AND DISPOSAL**

**STORAGE:** Store product in original bag in a dry, cool secured area. Do not contaminate water, foodstuffs, feed, or seed by storage and disposal. **PRODUCT DISPOSAL:** As a responsible environmental practice where possible, it is recommended that all the contents of the bag be used carefully following label directions and precautions. **IF EMPTY:** Do not re-use empty bag. Place bag in trash or offer for recycling if available. **IF PARTLY FILLED:** Call your local waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain. **SPELL:** In case of spill, sweep up and dispose of material according to **PRODUCT DISPOSAL** directions listed above.

**Inserted: 9**  
Do not contaminate water, food, or feed by storage or disposal.  
**Formatted: Normal**  
**Inserted: PESTICIDE**

**APPLICATION**

Bayleton® is absorbed rapidly and works systemically from within the plant. Rainfall or sprinkler irrigation soon after application will assure rapid system uptake. Control will be less effective on turf suffering from drought stress. Therefore in order to achieve maximum control, turf should be maintained in a vigorously growing state through good cultural practices. Apply when the turf is fully established and actively growing. Apply Preventative Rates prior to appearance of disease and/or when damage from disease is anticipated. Apply Curative Rate when disease is first observed. Note: Apply the specified amount of Gro-Fine Fungicide with a standard granular applicator 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 ¼ inch of water has been applied to the treated area.

**Inserted:** use as per label instructions or dispose of as indicated above.

Recommended Applications-Turfgrass Disease Control			
Disease	How much to use per 1,000 sq. ft.		Remarks
	Preventative	Curative	
Dollar Spot (Sclerotinia homoeocarpa)	3 lbs.	-	PREVENTATIVE RATE: Apply recommended rate on 30-day intervals. Protective activity of product may extend for as long as 60 days dependent upon environmental conditions.
	1.5 lbs.	-	PREVENTATIVE RATE: Apply recommended rate on 14-day intervals. Protective activity of product may extend for as long as 30 days dependent upon environmental conditions.
	-	6 lbs.	CURATIVE RATE: To control existing infections, apply the curative rate. (*Observe sentences below with asterisk under Curative Rate).

**Inserted:** Re-application should be no closer than 14 days. When infections have been controlled, subsequent applications should be applied on a preventive schedule and rate.

Copper Spot ( <i>Gloeocercospora sorghi</i> ) Powdery Mildew ( <i>Erysiphe graminis</i> ) Corticium Red Thread ( <i>Laetisaria fuciformis</i> ) Rusts ( <i>Puccini</i> spp.) Brown Patch/Rhizoctonia Blight Rhizoctonia ( <i>solani</i> ) (suppression)	3 lbs.	6 lbs.	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 this product 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, subsequent applications should be applied on a preventative schedule and rate.
Anthracnose ( <i>Collectotrichum Graminicola</i> )	6 lbs.	-	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 lbs.	-	PREVENTATIVE RATE: Apply at 30-day intervals and repeat as necessary for seasonal control. Dependent upon environmental conditions, residual control may be extended to 30 days.
	-	6 lbs.	CURATIVE RATE: To control existing infections, apply the curative rate. (*Observe sentences above with asterisk under Curative Rate).
Preventative Rate Only 1,000-sq-ft. Stripe Smut	6 lbs.	-	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> ) (Except California)	6 lbs.	-	Apply 1 <sup>st</sup> applications in mid-June or 30 days prior to time this blight normally becomes evident. Application should be made on 30 day intervals.
Fusarium Blight ( <i>Fusarium culmorum</i> ) ( <i>Fusarium poae</i> ) Summer Patch ( <i>Magnaporthe poae</i> ) (California only)	6 to 12 lbs.	-	Apply 1 <sup>st</sup> applications in mid-June or 30 days prior to time this blight becomes evident. Application should be made at the 6 lb. rate on the 15 day intervals or at the 12 lb. rate on the 30 day intervals.
Zoysia Patch "Large Patch" of Zoysia ( <i>Rhizoctonia solani</i> )	6 to 12 lbs.	-	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.

**Inserted:** Re-application should be no closer than 14 days. When infections have been controlled, subsequent applications should be applied on a preventative schedule and rate.

**Spreader Settings**

The following settings are approximate for applying contents of this package at a suggested rate of 4 pounds per 1,000 sq. ft. Settings are based on an average walking speed. Reduce setting for slower speed, raise setting for higher speed. Check your spreader on 250 sq. ft. and adjust to apply at the rate of 1 pound per 250 square feet.

Spreader	Width	Setting to apply			
		1.5 lbs.	3 lbs.	6 lbs.	12 lbs.
Lesco high wheel	7	Xx	xx	xx	xx
Earthway 2400-SS	7	Xx	xx	xx	xx
Scotts R-8A	7	Xx	xx	xx	xx
Spyker 24-22	7	Xx	xx	xx	xx
Prizelawn CBR-II	7	xx	xx	xx	xx

Inserted: s

Inserted: application

Inserted: If you have reason to believe that your spreader is not calibrated correctly, test apply by placing the amount for 250 sq. ft. into your spreader and apply to your premeasured 250 sq. ft.

Inserted: per 1000 sq. ft.

Inserted: Ft.

**LIMITED WARRANTY**

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use. THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with the label instructions, warnings or cautions, or to use the product under abnormal conditions such as drought, excessive rainfall, include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law. The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

Distributed by: Knox Fertilizer Company, Inc. P.O. Box 248 Knox, IN 46534

NET WEIGHT 10 lbs. (4.5 kg.)