

8378-55

3/27/2003

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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

MAR 27 2003

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

Subject: Shaw's® Fungicide 100 Contains Bayleton
EPA Reg. 8378-55
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:

Under the heading "HOT LINE NUMBER", change "everyday" to "every day"

In the section "Application" change the word "preventive" in the Remarks portion of the table to "preventative" (7 instances).

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

Shaw's® Fungicide 100 Contains Bayleton®

Contains 1.0% Bayleton fungicide - for Systemic Control of Certain Diseases on Turf

Systemic Fungicide Granules - For control of lawn disease on Bluegrass, Fescue, Ryegrass, Bermuda grass, Zoysiagrass, St. Augustinegrass and Bentgrass. For the prevention or cure of Dollar Spot, Copper Spot, Powdery Mildew, Red Thread, Rusts, Brown Patch, Anthracnose, Striped 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.....	1.00%
INERT INGREDIENTS	99.00%
TOTAL	100.00%

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

MAR 27 2003

Bayleton® Turf Fungicide a registered trademark of Bayer Corp.
Shaw's® is a registered trademark of Knox Fertilizer Company, Inc.

EPA Reg. No. 8378-55

EPA Est. No. 8378-IN-1

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

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

8378-55

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.
IN EYES	Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
IF ON SKIN OR CLOTHING	Take off contaminated clothing. Rinse 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 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.	
HOT LINE NUMBER	
You may also contact 1-800-858-7378 from 6:30 am to 4:30 pm Pacific Time, everyday for emergency medical treatment information.	

See side panel for additional Precautionary Statements

PRECAUTIONARY STATEMENTS

Hazards to Humans & 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. Wash thoroughly with soap and water after handling and before eating or smoking. Wash contaminated clothing with soap and hot water before re-use.

ENVIRONMENTAL HAZARDS

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 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

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

PESTICIDE STORAGE: Store this product only in its original container in a dry, cool, secured area.

PESTICIDE DISPOSAL:

IF EMPTY: Do not reuse this bag. Place in trash.

IF PARTLY FILLED: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

SPILL: In case of spill, sweep up and use as per label instructions or dispose of as indicated above.

Application

Bayleton* 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, turf should be maintained in a vigorously growing state through good cultural practices. Apply when the turf is 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 Shaw's Fungicide 100 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 $\frac{1}{4}$ inch of water has been applied to the treated area.

Disease	Recommended Applications - Turfgrass Disease Control		Remarks
	How much to use per 1,000 sq. ft.		
	Preventive	Curative	
Jollar Spot (<i>Sclerotinia homoeocarpa</i>)	1.5 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.
	0.75 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.
	-	3 lbs.	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 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>Puccinia</i> spp.) Brown Patch/Rhizoctonia Blight (<i>Rhizoctonia solani</i>) (Suppression)	1.5 lbs.	3 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 preventive schedule and rate.
Anthracnose (<i>Collectotrichum Graminicola</i>)	3lbs.	-	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.
	1.5lbs.	-	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.
	-	3lbs.	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 preventive schedule and rate.
Stripe Smut (<i>Ustilago striiformis</i>)	Preventive Rate Only/1,000 sq. ft. 3 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)	3 lbs.		Apply 1 st 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)	3 to 6 lbs.		Apply 1 st applications in mid-June or 30 days prior to time this blight becomes evident. Application should be made at the 3 lb. rate on 15 day intervals or at the 6 lb. rate on 30 day intervals.
Zoysia Patch "Large Patch" of Zoysia (<i>Rhizoctonia solani</i>)	3 to 6 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.

Spreader Settings

The following settings are approximate for applying contents of this package at suggested rates of application per 1,000 square feet. Settings are based on an average walking speed. Reduce setting for slower speed, raise setting for higher speed. 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.

Spreader	Width Ft.	Setting to apply per 1000 sq. ft.			
		0.75 lbs	1.5 lbs.	3 lbs.	6 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

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 Direction 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, PO Box 248, Knox, Indiana 46534

Net weight 30 lbs. (13.6 kg.)