

Jul 29 1994

John S. Thornton  
Miles Inc.  
P.O. Box 4913  
Kansas City, MO 64120

Dear Mr. Thornton:

Subject: Revised Labeling  
Bayleton 0.5% Granular  
EPA Registration No. 3125-364  
Your Submission Dated July 14, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. Update the Environmental Hazards Statement to include the statement "Do not contaminate water by disposal of equipment washwaters".

b. Add a Groundwater Advisory Statement. See our letter dated May 12, 1994.

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

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

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

Enclosure

**BAYLETON 0.5%**

364-8169.YLD

U.S. LABEL-(S)

Base Pre-Reg. (8169)

236

**Reason to Issue:** To update disease names and add claim for control of zoysia patch.

Date of Draft: 06/08/94(Pre-Reg)(T)

*Jacket*

# BAYLETON® 0.5%

## Granular Turf Fungicide

For Control of Certain Diseases on Turf.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

**ACTIVE INGREDIENT:**

1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone ..... 0.5%

**INERT INGREDIENTS:** ..... 99.5%  
100.0%

EPA Reg. No. 3125-364  
EPA Est. 3125-MO-1

Net Weight: \_\_\_\_ Pounds

**STOP - Read the Label Before Use  
KEEP OUT OF REACH OF CHILDREN**

## CAUTION

See Rear Panel for Statements of Practical Treatment and Other Precautionary Statements

**PRECAUCION AL USUARIO:** Si usted no puede leer o entender inglés no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

**(TO THE USER:** If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

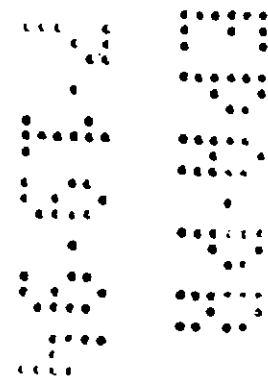
ACCEPTED  
with COMMENTS  
In EPA Letter Dated:  
JUL 29 1994

**MILES** 

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

3125-364

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Unregistered label text is highlighted by redlining.  
Text to be deleted is indicated by ~~strikeout~~.

## 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

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.

In case of poisoning, notify Miles, Inc., Agriculture Division, Kansas City, Missouri. Telephone (816) 242-2000; nights or weekends - (816) 242-2582.

### ENVIRONMENTAL HAZARDS

~~Do not use on crops grown for feed 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. Apply this product only as specified on this label.

Do not make applications when weather conditions favor drift from target area.

*Granulicide*

### 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 Conditions of Sale before using BAYLETON 0.5% Granular turf fungicide.

**CONDITIONS OF SALE:** THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE THE DIRECTIONS FOR CORRECT USE OF THIS PRODUCT. THIS PRODUCT HAS BEEN TESTED FOR A RANGE OF WEATHER CONDITIONS SIMILAR TO THOSE WEATHER CONDITIONS THAT ARE ORDINARY AND CUSTOMARY IN THE GEOGRAPHIC AREA WHERE THE

PRODUCT IS USED. INSUFFICIENT CONTROL OF PESTS AND/OR INJURY TO THE CROP TO WHICH THE PRODUCT IS APPLIED MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL WEATHER, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS. IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO OTHER CROPS, ANIMALS, MAN, OR THE ENVIRONMENT. MILES OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL WEATHER, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF MILES AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

**APPLICATION:** 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 TURF GRASS DISEASE CONTROL			
DISEASE	Lb of BAYLETON 0.5% Granular Per 1000 Sq Ft		REMARKS
	Preventive	Curative	
Dollar Spot ( <i>Sclerotinia homoeocarpa</i> )	3	-	PREVENTIVE 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	-	PREVENTIVE 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 preventive rate schedule for rates and timing.
Copper Spot ( <i>Gloeocercospora sorghi</i> ) Powdery Mildew ( <i>Erysiphe graminis</i> ) Cortium Red Thread ( <i>Laetisaria fuciformis</i> ) Rusts ( <i>Puccinia</i> spp.) Brown Patch/ Rhizoctonia Blight ( <i>Rhizoctonia solani</i> ) (Suppression)	3	6	PREVENTIVE 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 preventive rate schedule for rates and timing.
Anthracnose ( <i>Colletotrichum graminicola</i> ) Pee-Anue-Decline	6	-	PREVENTIVE 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	-	PREVENTIVE 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 preventive rate schedule for rates and timing.

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## RECOMMENDED APPLICATIONS

DISEASE	Lb of BAYLETON 0.5% Granular Per 1000 Sq Ft*	REMARKS
Stripe Smut ( <i>Ustilago striiformis</i> )	Preventive Rates Only 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> ) (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> ) (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.
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>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/Typhula Blight ( <i>Typhula incarnata</i> ) Pink Snow Mold/Fusarium Patch ( <i>Microdochium nivale</i> ) (California only)	Single Application 15 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 BAYLETON 0.5% Granular 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.

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## STORAGE AND DISPOSAL

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

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

**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.

**Container Disposal (Except Household):** 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.

Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides, fertilizers, 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 above. In spill or leak incidents, keep unauthorized people away. You may contact the Miles Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Miles Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

Miles Inc.  
Specialty Products  
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