

Reg # 3125 - 320

PM-22

File  
198

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

OCT 22 1993

Melvin K Tolliver  
MILES INC  
AGRICULTURE DIVISION  
8400 HAWTHORN RD BOX 4913  
KANSAS CITY MO 64120

Subject: Label Amendment Submission of 06/24/93  
to Comply with WPS Labeling Requirements  
EPA Reg Nr. 3125-320  
BAYLETON 50% WETTABLE POWDER

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is accepted subject to the comments listed below.

Based on your certification, the Agency has accepted only those changes to your labeling which are necessary to comply with PR Notices 93-7 and 93-11, which reflect the WPS labeling requirements of 40 CFR part 156, subpart K. Any other labeling changes submitted in connection with this amendment application and not directly related to compliance with PR Notice 93-7 or 93-11 have neither been reviewed nor accepted by the Agency. If you wish to make any such changes, you must submit a separate amendment application proposing them. If your product registration is currently suspended, acceptance of this labeling amendment does not affect the suspension in any way.

A copy of your proposed labeling stamped, "Accepted with comments", is attached. Make any required changes described below and send three copies of final labeling as soon as it is available to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (H-7504C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, DC 20460-0001

MILES INC  
EPA Reg. Number: 3125-320  
BAYLETON 50% WETTABLE POWDER  
Application date: 06/24/93  
Original Submission

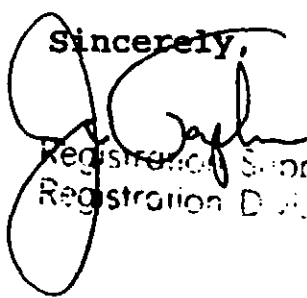
Hand or courier deliveries of final labels may be made to:

Document Processing Desk (FIN-LABEL)  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Please correct the typographical errors circled on the draft before printing final labeling.

In your final labeling, the "Agricultural Use Requirements" text must be contained in a clearly separate box. This box may be set apart by a line, by another graphical device, by a different color background, or in any other way that clearly distinguishes it from surrounding text.

Sincerely,



Registration Support Branch  
Registration Division

398

# BAYLETON 50% Wettable Powder

320-7874.YLD

U.S. LABEL

Base Pre-Reg (7874)

Reason to Issue: To revise in accordance with  
Worker Protection Standard PR Notice 93-7.

Date of Draft: 06/15/93(Pre-Reg)(T)

## BAYLETON<sup>®</sup> 50% Wettable Powder Fungicide

FOR CONTROL OF SPECIFIED DISEASES ON CERTAIN FIELD,  
FRUIT AND VEGETABLE CROPS

ACTIVE INGREDIENT:	
1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone .....	50%
INERT INGREDIENTS .....	
	50%
	100%

U.S. Patent No. 3,912,752  
EPA Reg. No. 3125-320  
EPA Est. 3125-MO-1

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

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF THE REACH OF CHILDREN

### CAUTION

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



ACCEPTED  
with COMMENTS  
in EPA Letter Dated

OCT 22 1993  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
3125-320

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only persons whose hands may be in the area during application should be wearing gloves. For more information, consult the Worker Protection Standard.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with the label directions. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only persons whose hands may be in the area during application should be wearing gloves. For more information, consult the Worker Protection Standard. This product is a restricted use pesticide. It is a violation of Federal law to use this product in a way that will contact workers or other persons, either directly or through drift. Only persons whose hands may be in the area during application should be wearing gloves. For more information, consult the Worker Protection Standard. This product is a restricted use pesticide. It is a violation of Federal law to use this product in a way that will contact workers or other persons, either directly or through drift. Only persons whose hands may be in the area during application should be wearing gloves. For more information, consult the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Chemical-resistant headgear for overhead exposure

**IMPORTANT:** Read these entire Directions and Conditions of Sale before using BAYLETON 50% Wettable Powder 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.

**MIXING:** Add the recommended amount of BAYLETON 50% Wettable Powder into the spray tank while filling with water to the desired level. Operate the agitator while mixing. If other materials are added to the spray tank, the BAYLETON 50% Wettable Powder should be thoroughly dispersed prior to the addition of other materials.

**COMPATIBILITY:** BAYLETON fungicide is physically compatible with many registered insecticides, miticides, and fungicides. To determine the compatibility of BAYLETON fungicide with other products, the following procedure should be followed: Pour the recommended proportions of the products into a suitable container of water, mix thoroughly and allow to stand at least five (5) minutes. If the combination remains mixed or can be re-mixed readily, the mixture is considered physically compatible. For further information contact your local Miles representative.

**NOTE TO USER:** For worker protection during mixing, loading, and during application, wear a hat, long-sleeve shirt, and long-legged trousers or overalls. In addition, during mixing and loading, wear rubber or nitrile gloves and a dust mask. Protective clothing should be laundered separately following application.

## RECOMMENDED APPLICATIONS

BAYLETON 50% Wettable Powder may be applied in a minimum of 20 gallons of spray solution per acre by ground or in a minimum of 5 gallons of spray solution per acre by aircraft spray equipment except as noted under "Remarks" for each crop. Check equipment calibration frequently. Complete coverage and uniform application are essential for the most effective results, especially when lower spray volumes are applied. If necessary, increase the spray volume per acre for complete crop coverage.

Do not apply this product through any type of irrigation system.

Consult your State Agricultural Experiment Station or Extension Service Specialist or Miles representative for guidance on the selection of specific dosage rates and timing of applications appropriate for your specific crop and disease. State regulations may contain additional restrictions or requirements. Check the Remarks and restrictions sections of this label for additional directions.

**BEST AVAILABLE COPY**

RECOMMENDED APPLICATIONS (Continued)			
CROP	DISEASE	RATE OF BAYLETON 50% Wettable Powder	REMARKS (Also Refer to Directions for Use)
Pineapple (Fresh market only)	Fresh fruit rot <i>Ceratocystis paradoxa</i>	13-1/3 oz	Post-Harvest Treatment: Apply specified dosage in 100 gallons of water to fruit after harvest. Fruit should be dipped or sprayed for thorough coverage and allowed to drain. Limit dipping time to not more than 3 minutes.
Raspberries (California Only)	Powdery mildew	4 oz/A	Apply specified dosage per acre in not less than 20 gallons of water using ground equipment. Make the first application when disease symptoms first appear and additional applications at 4- to 6-week intervals thereafter as needed. A maximum of 7 total applications may be made in one year with not more than 2 applications within the same 30-day period. Do not harvest within 1 day of application.
SMALL GRAINS Wheat, Barley	Powdery mildew	2 to 6 oz/A	Field should be observed closely for early disease symptoms when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.  Apply specified dosage per acre in a minimum of 10 gallons of water per acre by ground equipment or a minimum of 5 gallons of water per acre by air when disease symptoms first appear on leaves or stems. Additional applications should be made if new disease symptoms appear.  The total amount of BAYLETON 50% W.P. should not exceed 16 oz per acre per crop season and the last application should not be made within 21 days of harvest.  Powdery mildew: In areas having severe powdery mildew infection apply 4 to 6 oz of BAYLETON 50% W.P. per acre.
	Rusts (stripe, leaf, and stem) Speckled leaf blotch ( <i>Septoria tritici</i> ) Leaf and glume blotch ( <i>Septoria nodorum</i> ) Tan spot ( <i>Pyrenophora tritici-repentis</i> ) Barley scald	4 to 8 oz/A	Rusts: In areas having severe rust infection apply 6 to 8 oz of BAYLETON 50% W.P. per acre.  Leaf and glume blotch, speckled leaf blotch, and tan spot: BAYLETON 50% W.P., applied at 4 to 8 oz per acre at first sign of infection, will control light to moderate leaf and glume blotch, speckled leaf blotch, and tan spot infections. Applications for the control of glume blotch should be timed to coincide with early head emergence. Applications made prior to head emergence will not provide sufficient residual activity to control glume blotch. For control of severe infections, it is recommended that a registered fungicide with good activity against these diseases be tank-mixed with BAYLETON. Refer to the Tank Mixes section of this product label.  Barley scald: Apply 4 to 8 oz of BAYLETON 50% W.P. at the first sign of scald symptoms.

RECOMMENDED APPLICATIONS (Continued)			
CROP	DISEASE	RATE OF BAYLETON 50% Wettable Powder	REMARKS (Also refer to Directions for Use)
<b>GRASSES GROWN FOR SEED (Continued)</b>  Bermudagrass  Perennial Ryegrass  Bluegrass  Tall Fescue  Fine Fescue  Orchard Grass  Bentgrass  Crested Wheatgrass	Powdery mildew	2 to 4 oz/A	<b>POWDERY MILDEW:</b> One or two applications at the 2 to 4 oz rate applied at the first signs of disease and when new powdery mildew symptoms reappear are generally sufficient for disease control. In cases where severe mildew infections are present, use the higher rate.
Pine (Seedlings) (Except California)	Pine Rust (Fusiform rust)	4 to 16 oz/A	Begin application prior to infection period and repeat as necessary at 2- to 3-week intervals depending upon disease pressure. Use lower rates in areas of low disease incidence and higher rates in areas of severe disease incidence. A maximum of 64 oz of BAYLETON 50% W.P. may be applied per acre per season. A spreader-sticker is needed to help adhere spray solution to the pine trees.
Pine Seed (Nurseries) (Except California)	Fusiform rust ( <i>Cronartium quercuum</i> )	20 oz	Mix specified dosage in 100 gallons of water. Cover seeds with the mixture and soak them, at room temperature (75°F), for 24 hours, stirring occasionally. Seed stratification, if necessary, should be completed before treatment with BAYLETON 50% Wettable Powder. Thoroughly air dry all seed before applying any additional treatment or before planting. A spreader sticker may be needed to help adhere BAYLETON to the pine seed. Do not use treated seed for food or feed purposes.
		2 oz	Apply specified dosage to 50 lb of thoroughly wetted pine seeds in a commercial treater or other suitable tumbler apparatus. Allow to mix for at least 10 minutes before applying bird repellent or other seed dressing materials. Thoroughly air dry seed before sowing. Do not use treated seed for food or feed purposes.

RECOMMENDED APPLICATIONS (Continued)			
CROP	DISEASE	RATE OF BAYLETON 50% Wettable Powder	REMARKS
Cucurbits (Balsam pear (bitter melon), Chinese waxgourd (Chinese preserving melon), citron melon, cucumber, gherkin, gourds, edible melons including hybrids (including cantaloupe, casaba, crenshaw, honeydew melons, honey balls, mango melon, muskmelon, Persian melon), pumpkin squash, summer squash, winter watermelon, including hybrids)	Powdery mildew ( <i>Erysiphe            cichoracearum</i> ) <sup>*</sup>	2 to 4 oz/A	Apply specified dosage per acre in a minimum of 10 gallons of water by ground and 5 gallons of water by air as a foliar spray when disease symptoms first appear. Repeat at 14-day intervals to maintain control if new disease symptoms appear. Under severe disease conditions use the 4 oz rate. Applications may be made up to day of harvest. A maximum of 16 oz of BAYLETON 50% W.P. may be applied per acre per season.  <sup>*</sup> BAYLETON 50% W.P. will not give commercially acceptable control of <i>Sphaerotheca fuliginea</i> .
Christmas Trees (Except Concolor Fir)	Stem & Cone Rusts <i>Cronartium</i> spp. (Fusiform) <i>Peridermium</i> spp. <i>Endocronartium            harknessii</i> (Gall)  Tip blight <i>Sirococcus            strobilinus</i>	8 oz/A	Apply specified dosage per acre or per 100 gallons of water as a full coverage, dilute spray as needed. Full coverage of the trees is essential for maximum control. Use of nonionic spray adjuvant is recommended. Time applications appropriately for the specific disease being controlled. A maximum of 64 oz of BAYLETON 50% W.P. may be applied per acre per season.  For rusts, begin applications when the needles break through the fascicle sheath. Make additional applications at 14- to 21-day intervals. Stop when galls become pale to white in color.  For tip blight, begin applications to coincide with bud break. Make two additional applications at 14-day intervals.

## STORAGE AND DISPOSAL

**Pesticide Disposal:** Do not contaminate water, food or feed by storage or disposal.

Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** 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. Dispose of pesticide 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.

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Crop Protection Products  
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