

John S. Thornton
Mobay Corporation
P.O. Box 4913
Kansas City, MO 64120

Dear Mr. Thornton:

Subject: Revised Labeling - Reduced Application Rates
Bayleton 50% Wettable Powder in Water
Soluble Bags
EPA Registration No. 3125-340 ✓
Your Submission Dated November 18, 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 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,



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

Enclosure

Tacket

SPECIAL LABELING REQUIRED FOR BAGS CONTAINING PVA WATER SOLUBLE PACKETS

340-8357.YLD

U. S. LABEL

Base Pre-Reg (8357)

Reason to Issue: To reduce rates on wheat,
grasses grown for seed and sugar beets, and
revise remarks on pine (seedlings).
10/20/94 Draft: Revise per internal comments.

Date of Draft: 10/20/94 (Pre-Reg)(T)
Supersedes Pre-Reg Draft Dated: 05/10/94

ACCEPTED
with COMMENTS
In EPA Letter Dated:

DEC 15 1994

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

3125-340

BAYLETON®

50% Wettable Powder

FUNGICIDE

IN WATER SOLUBLE PACKETS

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. 3125-340
EPA Est. 3125-MO-1

DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY
CONTAINS FOUR 8-OUNCE WATER SOLUBLE PACKETS
Total Net Weight: 2 Pounds

KEEP WATER SOLUBLE PACKETS IN THIS CONTAINER AND STORE
IN A COOL DRY PLACE BUT NOT BELOW FREEZING (32°F)

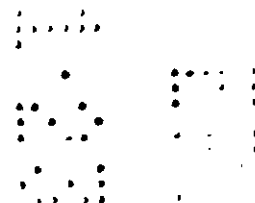
STOP - READ THE LABEL BEFORE USE

KEEP OUT OF THE REACH OF CHILDREN

CAUTION

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

MILES 



Redline text has not previously been registered. ~~Struckout~~ text is being deleted.

BAYLETON 50% WP Fungicide WSP

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 protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by 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 early entry to 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: The enclosed packets are **water soluble**. Do not allow packets to become wet prior to mixing spray solution. Do not handle with wet hands. Reseal outer bag to protect remaining packets.

Ground Application Equipment: The order of mixing is important and should be followed.

1. The spray tank should be filled 1/4 to 1/3 full of water.
2. While recirculating and with the agitator running, add the required number of PVA packets, as determined under "Recommended Applications," into the spray tank as you continue filling the tank to the desired level of water. One packet contains 8 ounces of wettable powder. If it is determined, under "Recommended Applications," that 2 pounds of BAYLETON 50% Wettable Powder should be added to the spray tank, add four 8-ounce packets. The PVA packets should be completely dissolved in 5 to 10 minutes. If an adjuvant is needed, add prior to addition of PVA packets to the spray tank.
3. The addition of other pesticides should be after the PVA packets are completely dissolved, but prior to completion of filling the tank.
4. As with any pesticide, maintain adequate agitation prior to and during spraying.

Aerial Application Equipment: It is important to pre-mix the PVA packets and water before loading into the aerial spray tank. The mixing process should be made according to the same directions for ground application equipment.

CAUTION: Do not use PVA packets in a tank-mix with products that contain Boron or release free chlorine. The resultant reaction of PVA and boron or free chlorine is a plastic which is not soluble in water or solvents such as diesel oils, kerosene, gasoline or alcohol.

Do not attempt to use the PVA packets directly in diesel oils or summer spray type oils as in ULV or LV uses. PVA packets are water soluble not oil soluble.

RECOMMENDED APPLICATIONS			
CROP	DISEASE	Rate of BAYLETON 50% Wettable Powder	REMARKS
Grapes	Powdery Mildew	2 to 6 oz/A	<p>GENERAL COMMENTS: Use the higher label rates under heavy disease pressure, with extended spray intervals, and/or on highly disease susceptible varieties.</p> <p>Fields should be observed closely for early disease symptoms when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.</p> <p>A maximum of 18 ounces of BAYLETON 50% W.P. may be applied per acre per crop season. BAYLETON 50% W.P. may be applied up to 14 days before harvest.</p> <p>POWDERY MILDEW: Make the first application pre-bloom and continue applications at 14- to 21-day intervals, or as needed.</p>
	Black rot	<p>Protective Schedule 2 to 3 oz/A</p> <p>Post-infection 3 to 4 oz/A</p>	<p>BLACK ROT Protective Schedule: Make the first application at 10-inch green shoot and continue applications at 7- to 14- day intervals through 5° Brix stage or until veraison (berry coloring) is complete. Under severe disease conditions and/or on highly susceptible varieties, make applications at 7-day intervals.</p> <p>Post-infection Schedule: During bloom apply within 72 hours after the beginning of an infection period. Do not make spray applications any closer than 7-day intervals. After bloom, continue applications at rates of 2 to 3 ounces of BAYLETON 50% W.P. at 7- to 14-day intervals, or as needed to maintain control.</p>
Raspberries (California Only)	Powdery mildew	4 oz	<p>Apply specified dosage per acre in not less than 20 gallons of water using ground equipment. Make 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 no more than 2 applications within the same 30-day period. Do not harvest within 1 day of application.</p>

RECOMMENDED APPLICATIONS (Continued)

Crop	Disease	Rate of BAYLETON 50% Wettable Powder	Remarks (Also refer to Directions for Use)
GRASSES GROWN FOR SEED (Idaho, Oregon, and Washington Only) Bermudagrass Perennial Ryegrass Bluegrass Tall Fescue Fine Fescue Orchard Grass Bentgrass Crested Wheatgrass	Rusts (Puccinia spp.)	PREVENTIVE RATE 4 to 8 oz per acre CURATIVE RATE 8 to 16 oz per acre	<p>Apply the specified dosage in 20 gallons of water or more per acre with ground sprayers, or in 7 or more gallons of water per acre with aircraft. Thorough coverage is important for optimum disease control.</p> <p>Disease control may be enhanced by the addition of a wetting agent to spray mixtures of BAYLETON 50% W.P.</p> <p>A maximum of 2 1/2 lbs. of BAYLETON 50% W.P. may be applied per acre per year.</p> <p>The last application may be made up to 5 days before harvest. Chaff and straw from treated area may be used for feed purposes; however, do not forage or cut green crop or use seed for feed purposes. Regrowth may be grazed 11 weeks after last application.</p> <p>RUSTS Preventive Schedule: For optimum disease control, apply specified dosage of BAYLETON 50% W.P. as soon as weather conditions are favorable for rust development. Apply before rust pustules are present, and continue applications at 14-to 21-day intervals depending on disease pressure.</p>
	Powdery mildew	2 to 4 oz per acre	<p>Curative Schedule: Apply the specified dosage if rust pustules are already present. A second application 14-to 21 days later may be necessary. On highly susceptible grass varieties and/or under prolonged conditions favorable for disease development use rates of 12 to 16 oz per acre and a the shorter interval between applications. Rust control is especially important during the period from early head emergence through last flowering.</p> <p>Disease control may not be adequate and yield loss may occur if rust infection is allowed to reach 5 percent or greater before treating. BAYLETON 50% W.P. will prevent young, developing pustules from producing spores. However, pustules and other symptoms caused by the rust fungus prior to the application of BAYLETON 50% W.P. will remain visible.</p> <p>POWDERY MILDEW: 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.</p>

RECOMMENDED APPLICATIONS (Continued)

CROP	DISEASE	Rate OF BAYLETON 50% Wettable Powder	REMARKS (Also refer to Directions for Use)
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>)*	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. *BAYLETON 50% W.P. will not give commercially acceptable control of <i>Sphaerotheca fuliginea</i> .

TANK MIXES

The following tank mix recommendations are made for the improved control of specific diseases. Before mixing BAYLETON 50% Wettable Powder with any other fungicide, read and carefully observe the precautionary statements, directions for use, and other information appearing on the EPA registered product labels.

CROP	Rate of 50% Wettable Powder and 50% Dry Flowable Formulations of Benlate*	For Improved Control of:	BAYLETON 50% W.P. Rate
Wheat	4 oz/A	Speckled Leaf blotch Leaf and glume blotch Leaf rust Tan spot	2 oz/A
CROP	Rate of 80% Wettable Powder* Formulations of Mancozeb	For Improved Control of:	BAYLETON 50% W.P. Rate
Grapes	East of Rockies: 1 1/2 to 4 lb/A West of Rockies: 1 1/2 to 2 1/2 lb/A	Bunch rot Dead arm Downy mildew	2 to 6 oz/A
Sugar beets	1 1/2 to 2 lb/A	Cercospora leaf spot	4 to 8 oz/A
Wheat	2 lb/A	Helminthosporium leaf spots Speckled leaf blotch Leaf and glume blotch Tan spot Rusts	2 oz/A

* The rates given are for the following 80% wettable powder formulations of mancozeb: Dithane M-45*, Penncozeb*, Clean Crop, Mancozeb 80 WP and Mancozeb Fungicide by Riverside/Terra Corp. Only tank mixes with Dithane M-45 can be used in California.

LABELING FOR 8 OUNCE PVA PACKET

BAYLETON

50% Wettable Powder

Fungicide

ACTIVE INGREDIENT:

1-(4-Chlorophenoxy)-3,3-dimethyl-1-(1*H*-1,2,4-triazol-1-yl)-2-butanone 50%

EPA Reg. No. 3125-340

KEEP OUT OF THE REACH OF CHILDREN

CAUTION

(See Outer Package for Directions and Precautions)