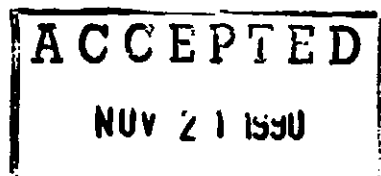


U.S. LABEL

Reason to Issue: To propose use on
Christmas trees. 9/6/90 Draft:
Revise according to EPA comments.

Date of Draft: 9/6/90 (Pre-Reg) (T)
Supersedes Pre-Reg Draft Dated:
7/3/90

EPA Reg. No. 3125-320



3125-320

BAYLETON®
50% Wettable Powder
FUNGICIDE

PM 21
3125-320
10/15/90

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

AMENDMENT

To Previously Registered Labeling

Add the Following:

RECOMMENDED APPLICATIONS

CROP	Disease	Rate of BAYLETON 50% Wettable Powder	REMARKS
Christmas Trees (except Concolor Fir)	Stem & Cone Rusts <u>Cronartium</u> spp. (Fusiform) <u>Peridermium</u> spp. <u>Endocronartium</u> <u>harknessii</u> (Gall) Tip blight <u>Sirococcus</u> <u>strobilinus</u>	8 oz	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 addi- tional applications at 14- to 21-day intervals. Stop when galls become pale to white in color. For tip blight, begin applica- tions to coincide with bud break. Make two additional applications at 14-day intervals.

320-6887.BLD

Base Reg. '6887)

U.S. LABEL

Reason to Issue: To revise the "Tank
Mixes" recommendations.

Date of Draft: 1/12/90 (T)
Supersedes Draft Dated: 11/3/89

EPA Reg. No. 3125-320

BAYLETON®

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

STOP - READ THE LABEL BEFORE USE

KEEP OUT OF THE REACH OF CHILDREN

WARNING

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

AVISO

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.)

NET WEIGHT _____ POUNDS

MOBAY CORPORATION
A Bayer USA INC. COMPANY
AGRICULTURAL CHEMICALS DIVISION
Box 4913, Kansas City, Mo. 64120

Note: Underlined letters in chemical nomenclature should be italicized when printed,
not underlined.

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 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. MOBAY 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 MOBAY 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 is physically compatible with many registered insecticides, miticides, and fungicides. To determine the compatibility of BAYLETON 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 Mobay 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 neoprene 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.

BAYLETON 50% Wettable Powder fungicide

RECOMMENDED APPLICATIONS (Cont'd)

Crop	Disease	Rate of BAYLETON 50% Wettable Powder	Remarks (Also Refer to Directions for Use)
FRUITS (Cont'd)			
Grapes	Powdery mildew	2 to 6 oz/A	<p align="center"><u>GENERAL COMMENTS</u></p> <p>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><u>POWDERY MILDEW:</u> Make the first application pre-bloom and continue applications at 14 to 21 day intervals, or as needed.</p> <p><u>BLACK ROT:</u> <u>Protective Schedule</u> 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><u>Post-infection Schedule</u> 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>
	Black rot	Protective Schedule 2 to 3 oz/A Post-infection 3 to 4 oz/A	
Pineapple (Fresh market only)	Fresh fruit rot (<u>Cerato-cystis paradoxa</u>)	13-1/3 oz.	<p><u>Post-Harvest Treatment:</u> 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.</p>

BAYLETON 50% Wettable Powder fungicide

RECOMMENDED APPLICATIONS (Cont'd)

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Crop	Disease	Rate of BAYLETON 50% Wettable Powder	Remarks (Also Refer to Directions for Use)
<u>SMALL GRAINS</u> (Cont'd)			
Wheat Barley			<p><u>Rusts</u>: In areas having severe rust infection apply 6 to 8 oz. of BAYLETON 50% W.P. per acre.</p> <p><u>Leaf blotch</u>: BAYLETON 50% W.P., applied at first sign of infection, will suppress light to moderate leaf blotch infections. For control of severe leaf blotch infections it is recommended that a registered fungicide with good activity against this disease be tank mixed with BAYLETON.</p> <p><u>Barley scald</u>: Apply 4 to 8 ozs. of BAYLETON 50% W.P. at the first sign of scald symptoms.</p>
<u>GRASSES GROWN FOR SEED</u>			
Bermudagrass	Rusts (Puccinia spp.)	<u>PREVENTATIVE RATE</u>	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.
Perennial Ryegrass		4 to 8 oz per acre	Disease control may be enhanced by the addition of a wetting agent to spray mixtures of BAYLETON 50% W.P.
Bluegrass		<u>CURATIVE RATE</u>	A maximum of 2 lbs. of BAYLETON 50% W.P. may be applied per acre per year.
		8 to 16 oz per acre	<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><u>RUSTS</u></p> <p><u>Preventative Schedule</u></p> <p>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> <p align="right">(Continued)</p>

BAYLETON 50% Wettable Powder fungicide

RECOMMENDED APPLICATIONS (Cont'd)

Crop	Disease	Rate of BAYLETON 50% Wettable Powder	Remarks (Also Refer to Directions for Use) Page
Pine Seed (Nurseries) (Except California)	Fusiform rust (<u>Cronartium quercuum</u>)	20 ounces	Mix specified dosage in 100 gals. 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 ounces	Apply specified dosage to 50 lbs. 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.
Sugar beets	Powdery mildew	BROADCAST 4 to 16 oz/A	<p><u>GENERAL COMMENTS</u></p> <p>Apply the specified dosage per acre in a minimum of 10 gallons of water by ground and 5 gallons of water by air.</p> <p>Under severe disease conditions, use of the higher recommended rate may be necessary.</p> <p>Do not apply more than 16 oz. of BAYLETON 50% Wettable Powder per acre per season.</p> <p><u>BROADCAST APPLICATIONS:</u></p> <p>Apply specified dosage per acre as a broadcast foliar spray when disease symptoms first appear. To maintain control or if reinfection occurs, additional applications may be made at 10 to 14 day intervals.</p> <p>Broadcast applications may be made up to 15 days before harvest.</p> <p><u>BAND APPLICATIONS:</u> Apply specified dosage per acre as a spray directed into the leaf whorl in a 2-inch band by turning a flat fan spray nozzle sideways to achieve a narrow band.</p> <p>Band applications may be made up to 30 days before harvest.</p>
		BAND 8 to 16 oz/A	

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. 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.

CROP	Mancozeb 80 WP RATE	For Improved Control of:	BAYLETON 50% W.P. Rate
Grapes	1 1/2 to 4 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 16 oz/A
Wheat	2 lb/A	Helmintho- sporium leaf spots Septoria leaf spots (leaf blotch) Septoria glume blotch Tan spot Rusts	2 oz/A

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BAYLETON 50% Wettable Powder fungicide

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 Mobay Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Mobay Kansas City Emergency Response Telephone No. is 816-242-2582, or contact Chemtrec at 800-424-9300.

Bayleton is a Reg. TM of Bayer AG, Germany.

Clean Crop is a Reg TM of United Agri Products, Inc.

Dithane M-45 is a Reg. TM of Rohm and Haas Company.

Penncozeb is a Reg. TM of Pennwalt Corporation.