

PM 21 3125-340

10219

SPECIAL LABELING REQUIRED FOR BAGS CONTAINING  
PVA WATER SOLUBLE PACKETS

YLD19

Base Pre-Reg. (5212)

U.S. LABEL

Reason to Issue: To propose update and  
refining of label; 5/29/85 Draft: to  
specify the formulation for Dithane  
M-45.

Date of Draft: 5/29/85 (Pre-Reg) (S)  
Supersedes Pre-Reg Draft Dated: 2/19/85

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

Only for agricultural use, or for sale to, use, and storage  
by commercial applicators, and other servicepersons

ACTIVE INGREDIENT:

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

INERT INGREDIENTS ..... 50%  
100%

EPA Reg. No. 3125-340

U.S. Patent No. 3,912,752

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

WARNING

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

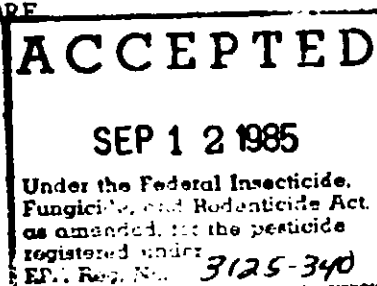
AVISO

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.)

DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY  
CONTAINS EIGHT 8-OUNCE WATER SOLUBLE PACKETS  
TOTAL NET WEIGHT 4 POUNDS

MOBAY CHEMICAL CORPORATION  
AGRICULTURAL CHEMICALS DIVISION  
Box 4913, Kansas City, Mo. 64120



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

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Harmful if swallowed, inhaled, or absorbed through the skin. Causes eye irritation. Do not allow to get in eyes, on skin, or on clothing.

Wash hands, arms and face thoroughly with soap and warm water after use and before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse. Do not contaminate feed or food items. Keep out of reach of children.

STATEMENTS OF PRACTICAL TREATMENT

If swallowed, vomiting should be induced. 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. Professional medical assistance should be secured immediately.

If on skin, wash skin immediately with soap and water.

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.

SYMPTOMS OF POISONING: The compound does not cause any definite symptoms that would be diagnostic. Poisoning is accompanied by hyperactivity followed by sedation.

NOTE TO PHYSICIAN: No specific antidote. Treat symptomatically.

ENVIRONMENTAL HAZARDS

Do not use on other crops grown for food or forage. Do not apply directly to water. 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.

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.

BAYLETON 50% Wettable Powder

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DIRECTIONS FOR USE (Cont'd)

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: 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.

NOTICE TO USER

For worker protection during application, wear a hat, long sleeve shirt, and long legged trousers or overalls. 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.

Consult your State Agricultural Experiment Station or Extension Service Specialist or Mobay 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.

Crop	Disease	Rate of BAYLETON 50% Wettable Powder		Remarks (Also Refer to Directions for Use)
		Oz/A	Oz/100 gal <sup>1</sup>	
FRUITS				
Apples	Cedar-apple rust	2 to 8	1/2 to 2	Make the first application at the green-tip stage and continue applications at 7 to 14 day intervals, or as needed until terminal growth ceases. Use the higher label rate under heavy disease pressure, with extended spray intervals, and/or on highly disease susceptible varieties.
	Powdery mildew			A maximum of 24 ounces of BAYLETON 50% W.P. may be applied per acre per season. BAYLETON 50% W.P. may be applied up to the day of harvest. Do not graze livestock in treated orchards.
Pears	Powdery mildew	2 to 8	1/2 to 2	Make the first application at the budburst stage and continue applications at 7 to 14 day intervals, or as needed. Use the higher label rates under heavy disease pressure, with extended spray intervals, and/or on highly disease susceptible varieties.  A maximum of 24 ozs. of BAYLETON 50% W.P. may be applied per acre per season. BAYLETON 50% W.P. may be applied up to the day of harvest. Do not graze livestock in treated orchards.

<sup>1/</sup> Rates of BAYLETON 50% Wettable Powder are based on a standard of 400 gallons of dilute spray per acre, or the equivalent amount of product per acre in a concentrate spray.

BAYLETON 50% Wettable Powder

RECOMMENDED APPLICATIONS (Cont'd)

Crop	Disease	Rate of BAYLETON 50% Wettable Powder		Remarks (Also Refer to Directions for Use)
		Oz/A.	Oz/100 gal <sup>1</sup>	
<u>NUTS</u>				
Almonds	Blossom blight	24 to 32	6 to 8	Make applications at pink bud and full bloom in aerial or ground equipment. Concentrate sprays may be applied provided the amount of BAYLETON 50% W.P. applied per acre is the same as that which would be applied per acre in a full coverage spray. Do not apply more than 64 ozs. (4 lbs.) of BAYLETON 50% W.P. per acre per crop season. The last application can be made up to full bloom.
<u>SMALL GRAINS</u>				
	Powdery mildew	2 to 6 oz/A		Fields should be observed closely for early disease symptoms when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.
Wheat, Barley	Rusts (stripe, leaf, and stem)  Leaf blotch ( <i>Septoria tritici</i> ) (Except California)  Barley scald (Except California)	4 to 8 oz/A		<p>Apply specified dosage per acre in a minimum of 10 gallons of water per acre by ground equipment or 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.</p> <p>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.</p> <p><u>Powdery mildew:</u> In areas having severe powdery mildew infection apply 4 to 6 oz. of BAYLETON 50% W.P. per acre.</p> <p><u>Rusts:</u> In areas having severe rust infection apply 6 to 8 oz. of BAYLETON 50% W.P. per acre.</p> <p align="right">(Continued)</p>

<sup>1/</sup> Rates of BAYLETON 50% Wettable Powder are based on a standard of 400 gallons of dilute spray per acre, or the equivalent amount of product per acre in a concentrate spray.

BAYLETON 50% Wettable Powder

Crop	Disease	Rate of BAYLETON 50% Wettable Powder	Remarks (Also Refer to Directions for Use)
Grapes	Powdery mildew	2 to 6 oz/A	<p><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>
	Black rot	<p>Protective Schedule</p> <p>2 to 3 oz/A</p> <p>Post- infection</p> <p>3 to 4 oz/A</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>

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BAYLETON 50% Wettable Powder

RECOMMENDED APPLICATIONS (Cont'd)

Crop	Disease	Rate of BAYLETON 50% Wettable Powder	Remarks (Also Refer to Directions for Use)
<u>SMALL GRAINS</u> (Cont'd)  Wheat, Barley			(Continued) <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.  <u>Barley scald:</u> Apply 4 to 8 ozs. of BAYLETON 50% W.P. at the first sign of scald symptoms.
<u>GRASSES GROWN FOR SEED</u>  Bermudagrass (Except California)  Perennial Ryegrass  Bluegrass	Rusts (Puccinia spp.)	<u>PREVENTATIVE RATE</u> (Except California)  4 to 8 oz per acre   <u>CURATIVE RATE</u>  8 to 16 oz per acre	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.  Disease control may be enhanced by the addition of a wetting agent to spray mixtures of BAYLETON 50% W.P.  A maximum of 2 lbs. of BAYLETON 50% W.P. may be applied per acre per year.  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.  <u>RUSTS</u> <u>Preventative Schedule</u> For optimum disease control, apply specified dosage of BAYLETON 50% W.P. as soon as weather conditions are favorable for rust develop- ment. Apply before rust pustules are present, and continue applica- tions at 14 to 21 day intervals depending on disease pressure. (Continued)

BAYLETON 50% Wettable Powder

RECOMMENDED APPLICATIONS (Cont'd)

Crop	Disease	Rate of BAYLETON 50% Wettable Powder	Remarks (Also Refer to Directions for Use)
<u>GRASSES</u> <u>GROWN FOR</u> <u>SEED (Cont'd)</u>  Bermudagrass (Except California)  Perennial Ryegrass  Bluegrass			(Continued) <u>RUSTS</u> <u>Curative Schedule</u> 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 favor- able for disease development use rates of 12 to 16 oz per acre and a shorter interval between applications. Rust control is especially important during the period from early head emergence through last flowering.  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.
	Powdery mildew	2 to 4 oz per acre	<u>POWDERY MILDEW:</u> 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.	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 ozs 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.



BAYLETON 50% Wettable Powder

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RECOMMENDED APPLICATIONS (Cont'd)

Crop	Disease	Rate of BAYLETON 50% Wettable Powder	Remarks (Also Refer to Directions for Use)
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>
		BAND  8 to 16 oz/A	<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>

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BAYLETON 50% Wettable Powder

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BAYLETON 50% Wettable Powder

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RECOMMENDED APPLICATIONS (Cont'd)

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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 ( <u>Erysiphe</u> <u>cichor-</u> <u>acearum</u> )*	2 to 4 oz. per acre	<p>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.</p> <p>*BAYLETON 50% W.P. will not give commercially acceptable control of <u>Sphaerotheca fuliginea</u>.</p>

BAYLETON 50% Wettable Powder

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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 below for Dithane M-45 are for the 80% wettable powder formulation.

CROP	Co-Applied Fungicide and RATE	For Improved Control of:	BAYLETON 50% W.P. Rate
Apples	Dithane <sup>®</sup> M-45 @ 1 to 2 lbs/100 gals.	Bitter rot Black rot Brown rot Fly speck Scab Sooty blotch	1/2 to 2 oz/100 gals.
Barley	Refer to wheat		
Cantaloupe Cucumbers	Refer to melons Refer to melons		
Grapes	Dithane M-45 @ 1 1/2 to 4 lbs/A	Bunch rot Deadarm Downy mildew	2 to 6 oz/A
Melons	Dithane M-45 @ 2 to 3 lbs/A	Alternaria leaf spot Anthracnose Cero-spore leaf spot Downy mildew Gummy stem blight Scab	2 to 4 oz/A
Pears	Refer to apples		
Pumpkins	Refer to melons		
Squash, summer	Refer to melons		
Sugar beets	Dithane M-45 @ 1 1/2 to 2 lbs/A	Cercospora leaf spot	4 to 16 oz/A
Watermelons	Refer to melons		

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# BAYLETON 50% Wettable Powder

CROP	Co-Applied Fungicide and RATE	For Improved Control of:	BAYLETON 50% W.P. Rate
Wheat	Dithane M-45 @ 2 lbs/A	Helmintho- sporium leaf spots Septoria leaf spots (leaf blotch) Septoria glume blotch Tan spot	2 to 8 oz/A

## ROTATIONAL CROPS

Small grains, corn, sorghum, soybeans, beans, peas and cucurbits may be planted 35 days after the last application of BAYLETON, however forage or vines from these crops may not be used for food or feed. Root crops may be planted 120 days after the last application but tops must not be used for food or feed. All crops may be planted 12 months or later after the last application of BAYLETON without any restrictions.

## RE-ENTRY STATEMENTS

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons. Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

(The following may appear on supplemental labeling accompanying the product)

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings should include those statements found under the label heading "Precautionary Statements" and "Re-entry Statements" included on this label. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written warnings must include the following information: WARNING, area treated with BAYLETON 50% Wettable Powder on (date of application). Do not enter without appropriate protective clothing until sprays have dried. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes. If swallowed, vomiting should be induced. (See Precautionary Statements on label).

#### 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.

Dithane is a TM of Rohm and Haas Company.

BAYLETON is a Reg. TM of the Parent Company of Farbenfabriken Bayer GmbH, Leverkusen.

BLD19

Base Reg (5165a)

LABELING FOR 8 OUNCE PVA PACKET

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®  
BAYLETON

50% Wettable Powder

ACTIVE INGREDIENT:

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

EPA Reg. No. 3125-340

WARNING

KEEP OUT OF THE REACH OF CHILDREN

(See Outer Package for Directions and Precautions)

340-7397.YLD

Base Pre-Reg. (7397)

U.S. LABEL

Reason to Issue: To add control of leaf and blume blotch and tan spot to wheat and barley and to revise wheat tank mix recommendations.

Date of Draft: 10/31/91 (Pre-Reg) (T)

EPA Reg. No. 3125-340

**BAYLETON®****50% Wettable Powder****FUNGICIDE**

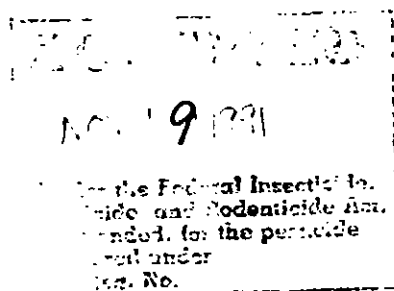
in Water Soluble Packets

**ACTIVE INGREDIENT:**

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

**AMENDMENT**

To Previously Registered Labeling

**RECOMMENDED APPLICATIONS**

Crop	Disease	Rate of BAYLETON 50% Wettable Powder	Remarks
<u>SMALL GRAINS</u>	Powdery mildew	2 to 6 oz/A	Fields should be observed closely for early disease symptoms when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.
Wheat, Barley	Rusts (stripe, leaf, and stem)  Speckled leaf blotch ( <u>Septoria tritici</u> )  Leaf and glume blotch ( <u>Septoria nodorum</u> )  Tan spot ( <u>Pyrenophora tritici-repentis</u> )  Barley scald	4 to 8 oz/A	Apply specified dosage per acre in a minimum of 10 gallons of water per acre by ground equipment or 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.  <u>Powdery mildew:</u> In areas having severe powdery mildew infection apply 4 to 6 oz of BAYLETON 50% W.P. per acre.

## RECOMMENDED APPLICATIONS (Continued)

Crop	Disease	Rate of BAYLETON 50% Wettable Powder	Remarks
SMALL GRAINS (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 and glume blotch, speckled leaf blotch, and tan spot:</u> 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. 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.</p> <p><u>Barley scald:</u> Apply 4 to 8 oz of BAYLETON 50% W.P. at the first sign of scald symptoms.</p>

## 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. Only tank mixes with Dithane M-45 can be used in California.

CROP	Rate of 80% Wettable Powder Formulations of Mancozeb	For Improved Control of:	BAYLETON 50% W.P. Rate
Wheat	2 lb/A	Helminthosporium leaf spots Speckled leaf blotch Leaf and glume blotch Tan spot Rusts	2 oz/A



U.S. LABEL

Reason to Issue: To propose use on tall and fine fescue, orchard grass, bentgrass, and crested wheatgrass grown for seed.

Date of Draft: 10/31/91 (Pre-Reg) (T)

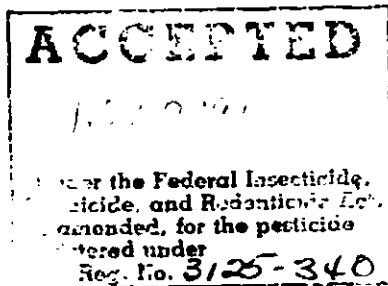
EPA Reg. No. 3125-340

BAYLETON®

50% Wettable Powder

FUNGICIDE

In Water Soluble Packets



## ACTIVE INGREDIENT:

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

## AMENDMENT

To Previously Registered Labeling

Revise as Follows:

**BEST AVAILABLE COPY**

## RECOMMENDED APPLICATIONS

Crop	Disease	Rate of BAYLETON 50% Wettable Powder	REMARKS
<u>GRASSES GROWN FOR SEED</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.
Bermudagrass	Rusts (Puccinia spp.)	<u>PREVENTATIVE RATE</u>	
Perennial Ryegrass		4 to 8 oz/A	
Bluegrass			Disease control may be enhanced by the addition of a wetting agent to spray mixtures of BAYLETON 50% W.P.
Tall Fescue		<u>CURATIVE RATE</u>	
Fine Fescue		8 to 16 oz/A	A maximum of 2 lb of BAYLETON 50% W.P. may be applied per acre per year.
Orchard Grass			
Bentgrass			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.
Crested Wheatgrass			

## RECOMMENDED APPLICATIONS (Cont'd)

Crop	Disease	Rate of BAYLETON 50% Wettable Powder	REMARKS
GRASSES GROWN FOR SEED (Cont'd)			<p><u>RUSTS</u>  <u>Preventative Schedule</u>            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><u>Curative Schedule</u>            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 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>
Bermudagrass			
Perennial Ryegrass			
Bluegrass			
Tall Fescue			
Fine Fescue			
Orchard Grass			
Bentgrass			
Crested Wheatgrass			
	powdery mildew	2 to 4 oz/A	<p><u>POWDERY MILDEW:</u> 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>