

264-737

3/9/2011

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number: 264-737

Date of Issuance: MAR 09 2011

NOTICE OF PESTICIDE:

XX Registration
XX Reregistration
(under FIFRA, as amended)

Terms of Issuance: Unconditional

Name of Pesticide Product: Bayleton® 50% Dry Flowable Fungicide

Attention: Mel Tolliver
Bayer CropScience LP
P.O. Box 12014, 2 T.W. Alexander Drive
Research Triangle Park, NC 27709

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

EPA received a label amendment request submitted by email on March 9, 2010. EPA grants this request under the authority of section 3(c)(5) of the Federal Insecticide, Fungicide and Rodenticide Act, as amended. With this accepted labeling, all requirements set forth in the Reregistration Eligibility Decision for triadimefon have been satisfied. Therefore, EPA reregisters the product listed above. This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.

Submit one (1) copy of final printed labeling. Amended labeling will supersede all previously accepted labels. A copy of your label stamped "Accepted" is enclosed for your records. Products shipped after 12 months from the date of this Notice or the next printing of your label, whichever occurs first, must bear the new revised label.

If you have any questions or comments regarding this letter, please contact Heather Garvie at (703) 308-0034 or via e-mail at garvie.heather@epa.gov.

Signature of Approving Official:

Tony Kish (handwritten signature)

Tony Kish
Product Manager (Team 22)
Fungicide Branch
Registration Division

Date:

MAR 09 2011

GROUP **3** FUNGICIDE

Bayleton® 50% Dry Flowable Fungicide

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

EPA Reg. No. 264 -737

EPA Est. No. _____

STOP - Read the label before use.
Keep out of reach of children.
CAUTION

For MEDICAL And TRANSPORTATION Emergencies ONLY Call 24 Hours A Day 1-800-334-7577
 For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)

FIRST AID

IF SWALLOWED	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.	
Note To Physician: No specific antidote. Treat symptomatically. Symptoms of poisoning: The compound does not cause any definite symptoms that would be diagnostic. Poisoning is accompanied by hyperactivity followed by sedation.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Harmful if absorbed through the skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove and wash contaminated clothing before reuse. Wear long sleeved shirt and long pants, shoes, socks, and chemical resistant gloves (such as neoprene, butyl rubber, barrier laminate or nitrile rubber; EPA Chemical Resistance Category A).

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are neoprene, butyl rubber, barrier laminate or nitrile rubber. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Mixer, loaders, applicators, flaggers, and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves such as neoprene, butyl rubber, barrier laminate or nitrile rubber when mixing/loading, or when applying using hand held equipment or hand held nozzles.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering controls statements: When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS. Pilots must use an enclosed cockpit in a manner that is consistent with the WPS for Agricultural Pesticides [40 CFR 170.240(d)(6)]. Pilots must wear the PPE required on this label for applicators.

PHYSICAL OR CHEMICAL HAZARDS

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Do not make applications when weather conditions favor drift from target area. Drift and runoff from treated areas may be hazardous to organisms in neighboring areas.

This product may contaminate water through runoff. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product.

This chemical has properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

PHYSICAL OR CHEMICAL HAZARDS

This product is incompatible with other chemicals that are characterized as strong oxidizing agents. Do not expose this product to these chemicals.

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
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

MIXING: Add the recommended amount of BAYLETON 50% Dry Flowable Fungicide 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% Dry Flowable Fungicide should be thoroughly dispersed prior to the addition of other materials.

COMPATIBILITY: BAYLETON 50% Dry Flowable Fungicide is physically compatible with many registered insecticides, miticides, and fungicides. To determine the compatibility of BAYLETON 50% Dry Flowable 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 Bayer CropScience representative.

SPRAY DRIFT REQUIREMENTS

- (1) For ground boom and aerial applications, use only medium or coarser spray nozzles according to ASABE (S572) definition for standard nozzles. Aerial applicators must consider flight speed and nozzle orientation in determining droplet size.
- (2) Make aerial or ground applications when the wind velocity is 3 to 10 mph. Do not apply when the wind speed is greater than 10 mph. For all non-aerial applications, wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.
- (3) Do not make aerial or ground applications into temperature inversions.
- (4) For ground boom applications, apply using a nozzle height of no more than 4 feet above the ground or crop canopy.
- (5) For airblast applications, turn off outward pointing nozzles at row ends and when spraying the outer two rows. To minimize spray loss over the top in tree applications, spray must be directed into the canopy.
- (6) For aerial applications, do not release spray at a height greater than 10 feet above the ground or plant canopy.
- (7) For aerial applications, the outermost nozzles must not exceed 60% of the wingspan or 80% of the rotor blade diameter.
- (8) When applications are made with a cross-wind, the swath will be displaced downwind. The applicator must compensate for this displacement at the downwind edge of the application area by adjusting the path of the aircraft upwind.

RECOMMENDED APPLICATIONS

BAYLETON 50% Dry Flowable Fungicide 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.*

Do not use on other crops grown for food or forage.

Consult your State Agricultural Experiment Station or Extension Service Specialist or Bayer CropScience 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.

RECOMMENDED APPLICATIONS		
CROP	DISEASE	RATE OF BAYLETON 50% Dry Flowable Fungicide
Pineapple	Pineapple butt rot <i>Ceratocystis paradoxa</i>	2-2/3 to 9 oz
	Pre-Plant Seed Piece Material Treatment: Apply specified dosage in 100 gallons of water as a planting material dip. Immerse material to allow for thorough wetting. Use higher label rates under heavy disease pressure. Do not use green forage or green fodder for animal feed. Cannery waste may be fed.	
	Fresh fruit rot <i>Ceratocystis paradoxa</i>	2-2/3 to 9 oz
	Post-Harvest Fruit Treatment: Apply specified dosage in 100 gallons of water or wax water after harvest. Fruit should be dipped or sprayed for thorough coverage and allowed to drain. Limit dipping time to not more than 3 minutes. Fruit discarded from fresh fruit packing operation may be used for processing. Cannery waste may be fed.	
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% Dry Flowable Fungicide may be applied per acre per season. A spreader-sticker is needed to help adhere spray solution to the pine trees. Do not apply BAYLETON 50% Dry Flowable Fungicide on recent grafted scions until one year after grafting.	
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% Dry Flowable Fungicide. Thoroughly air dry all seed before applying any additional treatment or before planting. A spreader sticker may be needed to help adhere BAYLETON 50% Dry Flowable Fungicide to the pine seed. Do not use treated seed for food or feed purposes.	
	Fusiform rust (<i>Cronartium quercuum</i>)	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.	
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> Lophodermium Needlecast (<i>Lophodermium pinestri</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% Dry Flowable Fungicide 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. For Lophodermium needlecast, begin applications to coincide with spore release, normally beginning in mid-July and ending in mid-October. Make applications at 21-day intervals. Extend interval to 28 days if spore release is light or dry weather is expected.	

ROTATIONAL CROPS

Corn, sorghum, soybeans, beans and peas may be planted 35 days after the last application of BAYLETON 50% Dry Flowable Fungicide, 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 50% Dry Flowable Fungicide without any restrictions.

STORAGE AND DISPOSAL

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

Pesticide Storage: 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 below. In spill or leak incidents, keep unauthorized people away. You may contact the Bayer CropScience Emergency Response Team for decontamination procedures or any other assistance that may be necessary. The Bayer CropScience Emergency Response Telephone No. is 1-800-334-7577 or contact Chemtrec at 1-800-424-9300.

Pesticide Disposal: To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program.

Container Handling: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or 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.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

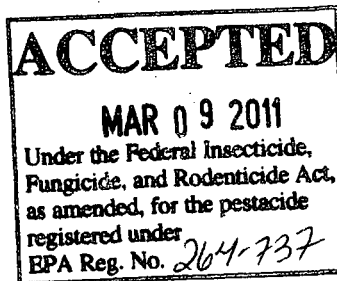
By using this product, user or buyer accepts the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

Net Weight: ___ Pounds



PRODUCED FOR



Bayer CropScience

2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709
1-866-99BAYER (1-866-992-2937)

Bayleton 50% Dry Flowable (PENDING) 03/20/09, Resubmitted 12/13/2010, Resubmitted 03/09/2011