

432-1336

4/11/2011

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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:

432-1336

Date of Issuance:

APR 1 1 2011

NOTICE OF PESTICIDE:

XX Registration
XX Reregistration
(under FIFRA, as amended)

Terms of Issuance:
Unconditional

Name of Pesticide Product:
Bayleton® 1% Granular Turf and Sod Production

Name and Address of Registrant (include ZIP Code):

Richard M. Gorrell
Bayer Environmental Science
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 April 7, 2011. 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:

Date:

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

APR 1 1 2011

2097

Bayleton® 1% Granular Turf and Sod Production Fungicide

For control of certain diseases in turfgrass and sod farms.

ACTIVE INGREDIENT:

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

OTHER INGREDIENTS: 99%

..... 100%

EPA Reg. No. 432-1336

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 1-800-331-2867

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 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.
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.

In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577. Have the 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, inhaled, or absorbed through the skin. Causes moderate eye irritation. Avoid breathing vapor, or dust. Avoid contact with skin, eyes or clothing.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils. If you want more options, follow the instructions for Category C on an EPA chemical-resistance category selection chart.

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

- Long-sleeved shirt and long pants.
 - Shoes plus socks, and
 - Chemical-resistant gloves, such as neoprene, butyl rubber, barrier laminate or nitrile rubber when loading.
- See engineering controls for additional requirements.

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.
 Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

User Safety Recommendations:

Users should:

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should 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 apply when weather conditions favor drift from treated areas. 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.

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, or pets 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.

Harvesting or transplanting turfgrass grown on sodfarms is prohibited for 17 days following application.

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

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not enter or allow others to enter the treated area (except for those involved in watering-in) until watering-in is complete and the surface is dry.

GOLF COURSE* AND SODFARM TURFGRASS**

APPLICATION: BAYLETON® 1% Granular Turf and Sod Production Fungicide is absorbed rapidly and works systemically from within the plant. Rainfall or sprinkler irrigation soon after application will assure rapid systemic uptake. Control will be less effective on turf suffering from drought stress. Therefore, in order to achieve maximum control, plants should be maintained in a vigorously growing state through good cultural practices.

Apply when the turf is fully established and actively growing. Applications must be made at prescribed intervals to maintain disease control.

Do not use on crops grown for food or forage.

Harvesting or transplanting turfgrass grown on sodfarms is prohibited for 17 days following application.

Restrictions

Maximum single application rate is 2.7 lbs ai/A.

Maximum annual application rate is 5.4 lbs ai/A.

Minimum retreatment interval is 14 days.

***Application to golf courses, including tees, green s, fairways, and roughs, is permitted only if the turfgrass is 2.5 inches or less in height.

RESIDENTIAL LAWNS

Use on Residential Lawns is limited to home lawns and turf sites associated with apartment buildings, day-care centers, playgrounds, playfields and recreational parks.

Restrictions

The maximum single application rate is 2.0 lb ai/A.

Maximum annual application rate is 5.4 lbs ai/A.

Minimum retreatment interval is 14 days.

DO NOT APPLY THIS PRODUCT IN A WAY THAT WILL CONTACT ANY PERSON OR PET, EITHER DIRECTLY OR THROUGH DRIFT. KEEP PEOPLE AND PETS OUT OF THE AREA DURING APPLICATION.

DO NOT APPLY BY AERIAL APPLICATION.

PRESCRIBED APPLICATIONS TURF GRASS DISEASE CONTROL

DISEASE	LB OF BAYLETON® 1% Granular Turf and Sod Production Fungicide PER 1,000 SQ FT		REMARKS
Dollar Spot (<i>Sclerotinia homoeocarpa</i>)	Preventative 1.5	Curative ----	PREVENTATIVE RATE: Apply prescribed rate on 30-day intervals. Protective activity of BAYLETON® 1% Granular Turf and Sod Production Fungicide may extend for as long as 60 days dependent upon environmental conditions.
	0.75	----	PREVENTATIVE RATE: Apply prescribed rate on 14-day intervals. Protective activity of BAYLETON® 1% Granular Turf and Sod Production Fungicide may extend for as long as 30 days dependent upon environmental conditions.
	----	3	CURATIVE RATE: To control existing infections, apply the curative rate. Re-application should be no closer than 14-days. When infections have been controlled, refer to the preventative rate schedule for rates and timing.
Brown Patch/Rhizoctonia Blight (<i>Rhizoctonia solani</i>) (Suppression) Copper Spot (<i>Gloeocercospora sorghi</i>) Corticium Red Thread (<i>Laetisara fuciformis</i>) Powdery Mildew (<i>Erysiphe graminis</i>) Rusts (<i>Puccinia spp</i>)	1.5	3	PREVENTATIVE RATE: Apply at 15 to 30-day intervals. When environmental conditions favor light to moderate disease development, use a longer interval. Protective activity of BAYLETON® 1% Granular Turf and Sod Production Fungicide can be greater than 30 days depending on environmental conditions. CURATIVE RATE: To control existing infections, apply the curative rate. Re-application should be no closer than 14-days. When infections have been controlled, refer to the preventative rate schedule for rates and timing.
Anthracnose (<i>Colletotrichum graminicola</i>)	3	----	PREVENTATIVE RATE: Apply at 30-day intervals and repeat as necessary for seasonal control. Dependent upon environmental conditions, residual control may be extended to 45 days.
	1.5	----	PREVENTATIVE RATE: Apply at 21-day intervals and repeat as necessary for seasonal control. Dependent upon environmental conditions, residual control may be extended to 30 days.
	----	3	CURATIVE RATE: To control existing infections, apply the curative rate. Re-application should be no closer than 14-days. When infections have been controlled, refer to the preventative rate schedule for rates and timing.

DISEASE	LB OF BAYLETON® 1% Granular Turf and Sod Production Fungicide PER 1,000 SQ FT	REMARKS
Stripe Smut (<i>Ustilago striiformis</i>)	Preventative Rates Only 3	Make a single application in spring as grass growth begins.
Fusarium Blight (<i>Fusarium culmorum</i>) (<i>Fusarium poae</i>) Summer Patch (<i>Magnaporthe poae</i>) (Except California)	3	Apply first application in mid-June or 30 days prior to time this blight normally becomes evident. Applications should be made on 30-day intervals.
Fusarium Blight (<i>Fusarium culmorum</i>) (<i>Fusarium poae</i>) Summer Patch (<i>Magnaporthe poae</i>) (California only)	3 to 6 (For Residential lawns* do not exceed 4.6 lbs of product/1,000 sq ft.)	Apply first application in mid-June or 30 days prior to time this blight normally becomes evident. Applications should be made at the 3 lb rate on 15 day intervals or at the 6 lb rate on 30-day intervals.
Zoysia patch, Large patch of zoysia (<i>Rhizoctonia solani</i>)	3 to 6 (For Residential lawns* do not exceed 4.6 lbs of product/1,000 sq ft.)	Make first application in early fall (mid-September to mid-October) prior to development of disease symptoms. A second application in early spring may be necessary in areas where disease pressure is known to be heavy.
Gray Snow Mold/Typhula Blight (<i>Typhula incarnata</i>) (Except California)	6 (Do not use on Residential lawns.)	Apply in the fall, 30 days prior to turf dormancy. If turf breaks dormancy during winter months a second application should be made. Do not apply over snow cover, or when turf is dormant.
Pink Snow Mold/Fusarium Patch (<i>Microdochium nivalis</i>) Southern Blight (<i>Sclerotium rolfsii</i>) (Except California)	3 to 6 (For Residential lawns* do not exceed 4.6 lbs of product/1,000 sq ft.)	Apply before conditions favorable for infection occur. Re-application should be made as needed at a 60- to 90- day interval. Do not apply over snow cover, or when turf is dormant. Use higher rate in areas with a history of severe disease damage.

NOTE: Apply the specified amount of BAYLETON® 1% Granular Turf and Sod Production Fungicide with a standard granular applicator accurately calibrated to uniformly apply prescribed amount of product per 1,000 sq ft. Mow the turf area and then apply product when turf is dry. After application and before the next mowing, water-in the product using a minimum of 0.25 inch of water or equivalent rainfall. For residential lawns, the applicator must notify the property manager of the watering-in requirement. **Do not allow reentry into treated residential turf areas until watering-in has been completed, and the turf is dry.**

Do not use clippings for animal feed.

*Residential lawns including home lawns and turf sites associated with apartment buildings, day-care centers, playgrounds, playfields recreational parks and elementary, middle, and high schools.

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. Material that cannot be used as directed should be disposed of as directed below. In spill or leak incidents, keep unauthorized people away. For Medical and Transportation Emergencies Only Call 24 hours a Day 1-800-334-7577. For Product Use Information Call 1-800-331-2867.

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

Container Handling: Non-refillable container. Do not reuse or refill this container. Offer for recycling, if available. 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.

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IMPORTANT: READ BEFORE USE

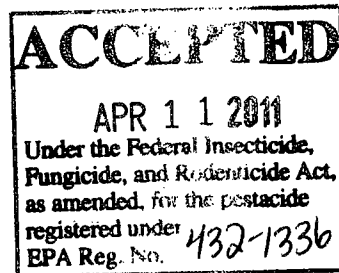
Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

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 LP. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE LP 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 LP 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 LP'S ELECTION, THE REPLACEMENT OF PRODUCT.



PRODUCED FOR



Bayer Environmental Science

A Division of Bayer CropScience LP
2 T. W. Alexander Drive
Research Triangle Park, NC 27709

Bayleton 1% Granular Turf and Sod Production Fungicide (PENDING) 04/01/11