

9198-112

09-07-2010

1/11



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7504P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

9198-112

Date of Issuance:

SEP 07 2010

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

The Andersons 0.5% Bayleton Fungicide

Name and Address of Registrant (include ZIP Code):

The Anderson Lawn Fertilizer Division, Inc.
P.O. Box 119
Maumee, OH 43537

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.

This product is reregistered in accordance with FIFRA provided that you:

- 1) Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.

Signature of Approving Official:

Tony Kish
Product Manager 22
Fungicide Branch
Registration Division (7504P)

Date:

SEP 07 2010

2) The text “Do not apply this product to lawns or other turfgrass” appearing on Page 3 of the label conflicts with the directions for use on turfgrass, the only site listed on the label. This statement must be removed.

3) Revise the first sentence of the “IF SWALLOWED” statements in the first aid section to read:

“Call a poison control center or doctor *immediately* for treatment advice.”

4) Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:

“CAUTION

Harmful if swallowed. Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.”

To the label add the following PPE.

“Personal Protective Equipment (PPE)” “Some materials that are chemical-resistant to this product are (registrant inserts correct chemical-resistant material). If you want more options, follow the instructions for category [registrant inserts A,B,C,D,E,F,G,or H] Aon an EPA chemical-resistance category selection chart.” “Loaders, applicators, and other handlers must wear: Long-sleeved shirt and long pants, Shoes plus socks, and Chemical resistant gloves, such as (registrant insert correct chemical-resistant materials) when loading.”

5) Per the RED, the following User Safety Requirements text must be added to the label:

“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.”

6) Per the RED, the following User Safety Recommendations must be added to the label and be placed in a box:

“User Safety Recommendations

User should wash hands before, eating, drinking, chewing gum, using tobacco, or using the toilet.

User should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

EPA Reg. 9198-112

Page 3

Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.”

7) The Environmental Hazard text must be revised to read:

“Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing or 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.”

8) To the Directions for Use, add “Use on turfgrass is limited to golf course turf only. Use on turfgrass is prohibited on all other residential and commercial sites. Maximum single application rate is 2.7 lbs. ai/A (this is equal to 12.4 lbs. of product per 1000 sq. ft.). Maximum annual application rate is 5.4 lbs. ai/A (this is equal to 24.8 lbs. of product per 1000 sq. ft.). Minimum retreatment interval is 14 days.” The rate of 15-24 exceeds the allowable rate.

Add “Application to golf courses, including tees, greens, fairways, and roughs, is permitted only if the turfgrass is 2.5 inches or less in height.”

9) Place the First Aid section in a box. Throughout the label change “recommended rate” to “allowable rate”.

10) To the Directions for Use add “Do not enter or allow others to enter until dusts have settled.”

Delete all references to commercial use and homeowners products. This label must be structured as a commercial use label since the only use allowed is for golf courses.

11) Update the Container Disposal language to comply with PR Notice 2007-4.

12) To the Warranty section, add “to the extent consistent with applicable law” in front of “manufacturer makes no other express”.

4
11

EPA Reg. 9198-112

Page 4

13) Delete on page 1 "for the best lawn in town". On page 3, change "Application should be applied at recommended intervals" to "Application must be applied at directed intervals".

A stamped copy of the label is enclosed for your records. You must submit one copy of the final printed label before you release the product for shipment. Products shipped after 12 months from the date of this letter or the next round of printing must bear the new revised label. If these EPA conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA. Your release for shipment of the product constitutes acceptance of these EPA Reg. conditions. This label supersedes all other previously accepted labels. If you have any questions please call Erik Kraft at 703-308-9358 or email at Kraft.Erik@epa.gov.

Enclosure: Product Chemistry Review
 Acute Toxicology Review

5
11

(FRONT PANEL)

THE ANDERSONS 0.5% BAYLETON® FUNGICIDE

Optional Marketing Claims:

- FOR CONTROL OF CERTAIN DISEASES ON TURF
- Prevents most common turf diseases that damage or destroy bluegrass, ryegrass, fescue and bentgrass lawns
- Controls most existing fungus infections when used at the curative rate
- {Product Name} is absorbed rapidly and systemically by the roots of the plants for control of disease
- For the best lawn in town
- Ready-to-use granules for systemic control of lawn diseases
- Controls: dollar spot, brown patch, powdery mildew, red thread and many others
- Controls certain turf diseases including Dollar Spot, Stripe Smut, and Brown Patch
- Contains Bayleton for systemic control

ACTIVE INGREDIENT:

Triadimefon F	0.5%
OTHER INGREDIENTS	99.5%
	TOTAL 100.0%

TCAS No. 43121-43-3

Bayleton® is a Registered Trademark of Bayer Crop Science

KEEP OUT OF REACH OF CHILDREN
CAUTION
SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

Net Wt. ___ lbs.
 Treats up to _____ sq. ft.

Possible treatment coverage:
 Treats up to 3,000 sq. ft.

EPA Reg. No. 9198-112
 EPA Est. 9198-OH-1M, 9198-OH-2B, 9198-AL-001A
 Underlined letter is first letter used in run code on bag

ACCEPTED
with COMMENTS
In EPA Letter Dated:

SEP 07 2010
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act
 as amended, for the pesticide
 registered under EPA Reg. No.

9198-112



6
11

(BACK PANEL)

THE ANDERSONS 0.5% BAYLETON® FUNGICIDE

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. Do not contaminate feed or food. Keep out of reach of children. Wash thoroughly with soap and warm water after handling. Wash contaminated clothing with soap and hot water before reuse.

FIRST AID

- If swallowed Call a poison control center or doctor for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to by a poison control center or doctor. Do not give anything by mouth to an unconscious person.
- If on skin or clothing Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.
- If in eyes Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contacts, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.
- If inhaled 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 treatment advice.

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-757-8951 for emergency medical treatment information.

NOTE TO PHYSICIAN: No specific antidote is available. Treat symptomatically.

ENVIRONMENTAL HAZARDS

For homeowner Products:

Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters 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 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.

For commercial products:

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by disposing of equipment washings. Apply this product only as specified on this label. Do not make applications when weather conditions favor drift from target area.

Ground Water Advisory

This chemical demonstrates the 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.

2
11

(BACK PANEL)

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Do not use on crops grown for food or forage.

Do not apply this product to lawns or other turfgrass.

APPLICATION RESTRICTIONS

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.

APPLICATION

BAYLETON® fungicide is absorbed rapidly and works systematically 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. Application should be applied at recommended intervals to maintain disease control.

APPLICATION RATES FOR TURF GRASS DISEASE CONTROL:

Disease	Lbs. of Product Per 1,000 sq.ft.		Remarks
	Preventative	Curative	
Dollar Spot	3	-	Preventative Rate: Apply recommended rate on 30 day intervals. Protective activity of Bayleton fungicide may extend for as long as 60 days of dependent environmental conditions.
	1.5	-	Preventative Rate: Apply recommended rate on 14 day intervals. Protective activity of Bayleton fungicide may extend for as long as 30 days dependent upon environmental conditions.
	-	6	Curative Rate: To control existing infections, apply the curative rate. Reapplication should be no closer than 14 days. When infections have been controlled, refer to the Preventative rate schedule for rates and timing.
Copper Spot Powder Mildew Red Thread (Laetisara fuciformis) Rusts Brown Patch (Rhizoctonia solani) (suppression)	3	6	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 fungicide can be greater than 30 days depending on environmental conditions. Curative Rate: To control existing infections, apply the curative rate. Reapplications should not be closer than 14 days. When infections have been controlled, refer to the Preventative rate schedule for rates and timing.
Anthraxnose Poa Annua Decline	6	-	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.

8
11

(BACK PANEL)

	3	-	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.
	-	6	Curative Rate: To control existing infections, apply the curative rate. Reapplication should be no closer than 14 days. When infections have been controlled, refer to the Preventative rate schedule for rates and timing.

Disease	Lbs. of Product Per 1,000 sq.ft.		Remarks
	Preventative Rates Only		
Stripe Smut	6		Make a single application in spring as grass growth begins.
Fusarium Blight (Fusarium culmorum) (Fusarium poae) Summer patch (Phialophora graminicola) (Except California)	6		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 (Fusarium culmorum) (Fusarium poae) Summer patch (Phialophora graminicola) (California only)	6 to 12		Apply first application in mid-June or 30 days prior to time this blight normally becomes evident. Applications should be made at the 6 lb. rate on 15 day intervals or at the 12 lb. rate on 30 day intervals.
Gray Snow Mold (Typhula incarnata) (Except California)	12		Apply in 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 (Fusarium nivale) Southern Blight (Sclerotium rolfsii) (Except California)	6 to 12		Apply before conditions favorable for infection occur. Reapplication 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.
Gray Snow Mold (Typhula incarnata) Pink Snow Mold (Fusarium nivale) (California only)	Single Application	15 to 24	Apply in late fall before first snow cover. Do not apply over snow cover. Use the high rate in areas with a history of severe snowmold damage.

Note*: Apply the specified amount of The Andersons 0.5% Bayleton® Fungicide with a standard granular applicator accurately calibrated to uniformly apply recommended amount of product per 1,000 sq. ft. Make application when turf is dry and following the mowing operation. Do not mow until a minimum of 0.25 inch of water has been applied to treated area. Do not use clippings for animal feed.

9
11

(BACK PANEL)

SUGGESTED SPREADER SETTINGS (available on final printed label)

Directions for homeowner products:

It is important to follow the directions as indicated so that injury will not occur to your lawn. Spreader settings are approximate. Differences may occur due to condition of spreader, speed at which applied, and roughness of area treated. Be sure to check spreader at the beginning of the application; adjust spreader if necessary. Close spreader when filling, turning or stopping. **DO NOT HAND SPREAD.**

Broadcast Spreaders: For best results, apply in a circular path starting on the outside and working toward the center. A little overlap of wheels will ensure complete coverage. (directional diagram)

Drop Spreaders: First, apply 2 border strips along the edge of each end of the lawn. Then apply product along the length of the lawn, shutting off the spreader before turning as you reach the edge of the border strips. (directional diagram)

To determine how much you need, multiply the length of your lawn by its width. This equals your total square footage. Deduct any non-lawn areas (house, gardens, etc.) One bag covers X,XXX sq. ft.

Optional:

_____ Length (Property Diagram)
 x _____ Width
 = _____ Total Sq. Ft.
 - _____ Non-lawn areas
 = _____ Total sq. ft. coverage you need

Directions for commercial products:

Suggested Spreader Settings							
These suggested spreader settings are not intended to replace calibration. Please calibrate your spreader before applying product.							
XX lb. treats XX,XXX sq. ft. at the 1.5 lb./1,000 sq.ft. rate XX lb. treats XX,XXX sq. ft. at the 3.0 lb./1,000 sq.ft. rate XX lb. treats XX,XXX sq. ft. at the 6.0 lb./1,000 sq.ft. rate XX lb. treats XX,XXX sq. ft. at the 12.0 lb./1,000 sq.ft. rate							
SPREADER	GROUND OR PTO SPEAD	WIDTH OF COVERAGE	SPREADER SETTINGS				
			lbs./1,000 sq. ft.				
			1.5	3.0	6.0	12.0	15.0
The Andersons Rotaries AccuPro/SR-2000 (cone X)	X mph	XX ft/	X	X	X	X	X
Scotts Rotaries** R-8, R-8A (cone X)	X mph	XX ft	X	X	X	X	X
Lely Models WTR, WFT, HR 1250 (PTO at 450 rpm)	X mph	XX ft	X	X	X	X	X

Note to EPA: actual spreader models may vary depending on market demand and availability

STORAGE AND DISPOSAL

For homeowner products:

STORAGE: Do not contaminate water, food, or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies.

10
11

(BACK PANEL)

DISPOSAL:

If empty: Do not reuse this container. Place in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

For commercial products

Do not contaminate water, food or feed by storage and disposal. **PESTICIDE STORAGE:** Keep container closed and away from food, feedstuffs, and domestic water supplies. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal Law and may contaminate groundwater. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance. **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 or local authorities, by burning. If burned, stay out of smoke.

IMPORTANT: READ BEFORE USE:

Read the entire Directions for Use and the Warranty Disclaimer and Limitation 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 Warranty Disclaimer and Limitation of Liability:

WARRANTY DISCLAIMER and LIMITATION of LIABILITY:

Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions. Manufacturer makes NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Where permissible, it is Manufacturer's intent to LIMIT ANY LIABILITY FOR SPECIAL, CONSEQUENTIAL OR INCIDENTAL ECONOMIC DAMAGES to refund of purchase price or replacement of product, at Buyer's choice. Manufacturer DISCLAIMS ANY LIABILITY FOR COMPENSATORY OR OTHER DAMAGES ARISING OUT OF ANY USE CONTRARY TO LABEL DIRECTIONS. Use contrary to label directions is not permitted.

LEGAL RIGHTS:

THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS; YOU MAY HAVE OTHER RIGHTS THAT VARY FROM STATE/JURISDICTION TO STATE/JURISDICTION. (RVamd052203)

Attention: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Optional (subregistrant) marketing information:

Frank's Quality Guarantee: Frank's takes pride in offering only the highest quality. Every Frank's product is formulated by our experts to help you enjoy a beautiful lawn. You'll feel confident that you made the 'quality' choice when you choose Frank's.

11
11

(BACK PANEL)

Manufactured by:
The Andersons Lawn Fertilizer Division
d/b/a Free Flow Fertilizer
P.O. Box 119
Maumee, OH 43537

Date Printed:	05/01/09
Date Approved:	9/77/03
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