



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:

8378-54

Date of Issuance:

SEP 6 1997

Term of Issuance:

Conditional

Name of Pesticide Product:

GRO-FINE® Bayleton® Fungicide

NOTICE OF PESTICIDE:

XX Registration  
\_\_\_\_ Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Knox Fertilizer Company  
P.O. Box 248  
Knox, IN 46534

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 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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 8378-54".
  - b. Under STORAGE AND DISPOSAL, HOUSEHOLD section, delete the second sentence and replace with "Securely wrap the original container in several layers of newspaper and put in trash."
  - c. In the applications chart under REMARKS for CURATIVE RATE for all diseases, delete the second sentence and add "Re-application should be no closer than 14 days. When infections have been controlled, subsequent applications should be applied on a preventive schedule and rate."  
(continued on page 2)

Signature of Approving Official:

15/

Product Manager (22), Fungicide Branch,  
Registration Division (7505C)

Date:

SEP 6 1997

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3. Submit one copy of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



# GRO-FINE® Bayleton® FUNGICIDE

Contains 0.5% Bayleton® Fungicide - For Systemic Control of Certain Diseases on Turf  
**Systemic Fungicide Granules**

**FOR CONTROL OF LAWN DISEASE ON BLUEGRASS, FESCUE, RYEGRASS, BERMUDA GRASS, ZOYSIA-GRASS, ST. AUGUSTINE GRASS AND BENTGRASS.**

**FOR THE PREVENTION OR CURE OF DOLLAR SPOT, COPPER SPOT, POWDERY MILDEW, RED THREAD, RUSTS, BROWN PATCH, ANTHRACNOSE, STRIPE SMUT, FUSARIUM BLIGHT, SUMMER PATCH AND ZOYSIA PATCH.**

**ACTIVE INGREDIENT:**  
1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone - - - - - 0.5%

**INERT INGREDIENTS:** - - - - - 99.5%

Total 100.0%

Contains BAYLETON® Turf Fungicide a Registered Trade Mark of Bayer Corp.

## KEEP OUT OF REACH OF CHILDREN CAUTION

**STATEMENTS OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Give water until vomitus is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. **IF IN EYES:** Flush eyes with plenty of water. Get medical attention. **IF ON SKIN:** Remove contaminated clothing and wash affected area with soap and water. Get medical attention. Wash clothing before re-use. **IF INHALED:** Remove victim to fresh air. Administer artificial respiration preferably mouth-to-mouth if indicated. Call a physician.

### SEE ADDITIONAL PRECAUTIONARY STATEMENTS 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. Wash thoroughly with soap and water after handling and before eating or smoking. Wash contaminated clothing with soap and hot water before re-use.

### ENVIRONMENTAL HAZARDS

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 disposal of equipment washwaters. Apply this product only as specified on this label. 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. Do not make applications when weather conditions favor drift from target areas.

### DIRECTIONS FOR USE

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.

## STORAGE AND DISPOSAL

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

**STORAGE:** Store product in original bag in a cool, dry, locked place out of reach of children.

**PESTICIDE 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.

**HOUSEHOLD:** Do not re-use empty bag. Wrap and put in trash.

## APPLICATION

Bayleton® 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, turf should be maintained in a vigorously growing state through good cultural practices. Apply when the turf is fully established and actively growing. Apply Preventive Rates prior to appearance of disease and/or when damage from disease is anticipated. Apply Curative Rate when disease is first observed. **NOTE:** Apply the specified amount of Gro-Fine Bayleton Fungicide with a standard granular applicator 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 1/4 Inch of water has been applied to the treated area.

**WARRANTY:** SHAW'S warrants that this product conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, it is reasonably fit for its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixture with other chemicals, & other factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not foreseeable. The user assumes all risks of use.

Recommended Applications - Turfgrass Disease Control				
DISEASE	HOW MUCH TO USE PER 1,000 SQ.FT.		REMARKS	
	Preventive	Curative		
Dollar Spot (Sclerotinia homoeocarpa)	3 lbs.	—	PREVENTIVE RATE: Apply recommended rate on 30 day intervals. Protective activity of product may extend for as long as 60 days dependent upon environmental conditions.	
	1.5 lb.	—	PREVENTIVE RATE: Apply recommended rate on 14 day intervals. Protective activity of product may extend for as long as 30 days dependent upon environmental conditions.	
	—	6 lb.	CURATIVE RATE: To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.	
Copper Spot (Gloeosporium sorghi) Powdery Mildew (Erysiphe graminis) Coriticum Red Thread (Laetisaria aciformis) Rusts (Puccinia spp.) Brownpatch Rhizoctonia Blight (Rhizoctonia solani) (suppression) Anthracnose (Colletotrichum graminicola)	3 lbs.	6 lb.	PREVENTIVE RATE: Apply at 15 to 30 day intervals. When environmental conditions favor light to moderate disease development, use a longer interval. Protective activity of this product can be greater than 30 days depending on environmental conditions.	
	CURATIVE RATE: To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.			
	6 lbs.	—	PREVENTIVE 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.	
	3 lbs.	—	PREVENTIVE RATE: Apply at 30 day intervals and repeat as necessary for seasonal control. Dependent upon environmental conditions residual control may be extended to 30 days.	
	—	6 lb.	CURATIVE RATE: To control existing infections, apply the curative rate. Subsequent applications should be applied on preventive schedule and rate.	
	Preventive Rate Only/1,000 sq.ft.			
	Stripe Smut (Ustilago striiformis)	6 lbs.	—	Make a single application in spring as grass growth begins.
	Fusarium Blight (Fusarium culmorum) (Fusarium poae) Summer Patch (Magnaporthe poae) (Except California)	6 lbs.	—	Apply 1st applications in mid-June or 30 days prior to time this blight normally becomes evident. Application should be made on 30 day intervals.
	Fusarium Blight (Fusarium culmorum) (Fusarium poae) Summer Patch (Magnaporthe poae) (California Only)	6 to 12 lbs.	—	Apply 1st applications in mid-June or 30 days prior to time this blight normally becomes evident. Application should be made at the 6 lb. rate on 15 day intervals or at the 12 lb. rate on 30 day intervals.
	Zoysia Patch "Large Patch" of Zoysia (Rhizoctonia solani)	6 to 12 lbs.	—	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.

## SHAW'S ROTARY SPREADER SETTINGS

Product/1000 Sq.Ft.	Effective Spreader width	Approx. Setting
3 lbs.	6 Feet	D 1/4"
6 lbs.	6 Feet	F 1/2"
12 lbs.	6 Feet	G 1/2"

Spreader settings are only approximate. Age and condition of spreader may cause wide variations. Calibrate your spreader by placing 3 lbs to cover 500 sq.ft. (5' x 80') and apply by using setting "F". If spreader contains granules at end of test, open setting by 1/2 to 3/4. If granules have run-out before the end of the test, close or reduce the setting by 1/2 to 3/4. Repeat test if needed. Refer to spreader Manufacturer's Operational Manual: (83-bay5%, pm500-16-97)

EPA REG. NO. 8378-LU EPA EST NO. 8378-IN-1

NET WEIGHT 10 LBS. (4.5 kg.)

**KNOX FERTILIZER COMPANY, INC.**  
P.O. Box 248 - Knox, IN 46534 - U.S.A.

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ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
**SEP** 6 1997

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

8378-54