

8378-54

12/19/2011

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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:  
8378-54

Date of Issuance:  
  
DEC 19 2011

NOTICE OF PESTICIDE:  
XX Registration  
XX Reregistration  
(under FIFRA, as amended)

Terms of Issuance:  
**Unconditional**

Name of Pesticide Product:  
**Gro-Fine® Bayleton® Fungicide**

**Knox Fertilizer Company, Inc.**  
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 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 December 8, 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 and Tolerance Reassessment for Triadimenol** 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](mailto:garvie.heather@epa.gov).

Signature of Approving Official:

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

Date:

DEC 19 2011

20111208, Proposed Label

<b>ACCEPTED</b>
DEC 19 2011
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 8378-54

## Gro-Fine® Bayleton® Fungicide

Contains 0.5% Bayleton® Fungicide - For Systemic Control of Certain Diseases on Turf on Golf Courses and Sod Farms

FOR CONTROL OF LAWN DISEASE ON BLUEGRASS, FESCUE, RYEGRASS, BERMUDAGRASS, ZOYSIAGRASS, ST. AUGUSTINEGRASS 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:**

Triadimefon [1-(4-chlorophenoxy)-3,3-dimethyl-1-(1H-1,2,4-triazol-1-yl)-2-butanone] . . . . .	0.50%
OTHER INGREDIENTS . . . . .	99.50%
TOTAL	100.00%

EPA Reg. NO. 8378-54

EPA Est. No. 8378-IN-1

Bayleton® is a registered trademark of Bayer Corp.  
Gro-Fine® is a registered trademark of Knox Fertilizer Co., Inc.

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### FIRST AID

**IF SWALLOWED** - 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

**IF IN EYES** - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**IF ON SKIN OR CLOTHING** - 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** - Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice.

Have this product container or label with you when calling a poison control center or doctor, or when going for treatment. You may also contact 1-800-858-7378 from 6:30 am to 4:30 pm Pacific Time, every day for emergency medical treatment information.

**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.

See additional Precautionary Statements on this label.

**PRECAUTIONARY STATEMENTS**

**Hazard to Humans and Domestic Animals**

**CAUTION:** Harmful if swallowed, inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or dust.

**Personal Protective Equipment (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, or 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 barrier laminate, butyl rubber, nitrile rubber, or neoprene rubber when loading.

**User Safety 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 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 high 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.

**PHYSICAL OR CHEMICAL HAZARDS**

The product is incompatible with other chemicals that are characterized as oxidizing agents. Do not expose this product to these types of 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, 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. Do not use on turfgrass sites other than golf course turf and sod farms. Use on turfgrass is prohibited on all other residential and commercial sites.

#### 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 sod farms 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 of this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40CFR part 170). The WPS applies when this product is used to produce agricultural plants, on farms, forests, or nurseries. Do not enter or allow others to enter the treated area until dusts have settled.

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store product in original bag in a dry, cool, secured area. In case of spill, sweep up and use as per label instructions or dispose of as indicated below.

**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.

**General Precautions and 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. Do not use on crops grown for food or forage. Application to golf courses, including tees, green, fairways, and roughs is permitted only if the turfgrass is 2.5 inches or less in height. Harvesting or transplanting turfgrass grown on sod farms is prohibited for 17 days following application.

Maximum application rate is 12 lbs. of product per 1,000 sq. ft. which is equivalent to 2.6 lb of active ingredient per acre. Maximum annual application rate is 24 lbs. of product per 1,000 sq. ft. which is equivalent to 5.2 lb of active ingredient per acre. Minimum retreatment interval is 14 days.

**Application**

Bayleton® is absorbed rapidly and works systemically from within the plant. Rainfall or sprinkler irrigation soon after application will assure rapid system 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 Preventative 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 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. **Do not use clippings for animal feed.**

Recommended Applications-Turfgrass Disease Control			
Disease	How much to use per 1,000 sq. ft.		Remarks
	Preventative	Curative	
Dollar Spot ( <i>Sclerotinia homoeocarpa</i> )	3 lbs.	-	PREVENTATIVE 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 lbs.	-	PREVENTATIVE 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 lbs.	CURATIVE RATE: To control existing infections, apply the curative rate. Re-application should be no closer than 14 days. When infections have been controlled, subsequent applications should be applied on a preventative schedule and rate.
Copper Spot ( <i>Gloeocercospora sorghi</i> ) Powdery Mildew ( <i>Epispiphe graminis</i> ) Corticium Red Thread ( <i>Laetisara fuciformis</i> ) Rusts ( <i>Puccini</i> spp.) Brown Patch/ <i>Rhizoctonia</i> Blight <i>Rhizoctonia</i> ( <i>solani</i> ) (suppression)	3 lbs.	6 lbs.	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 this product 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, subsequent applications should be applied on a preventative schedule and rate.

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Anthracnose (Collectotrichum Graminicola)	6 lbs.	-	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.
	3 lbs.	-	PREVENTATIVE 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 lbs.	CURATIVE RATE: To control existing infections, apply the curative rate. Re-application should be no closer than 14 days. When infections have been controlled, subsequent applications should be applied on a preventative schedule and rate.
Stripe Smut	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 1 <sup>st</sup> 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 1 <sup>st</sup> applications in mid-June or 30 days prior to time this blight becomes evident. Application should be made at the 6 lb. rate on the 15 day intervals or at the 12 lb. rate on the 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.

**Spreader Settings**

The following settings are approximate for applying contents of this package at suggested rates of application per 1,000 sq. ft. Settings are based on an average walking speed. Reduce setting for slower speed, raise setting for higher speed. If you have reason to believe that your spreader is not calibrated correctly, test apply by placing the amount for 250 sq. ft. into your spreader and apply to your premeasured 250 sq. ft.

Spreader	Width Ft.	Setting to apply per 1000 sq. ft.			
		1.5 lbs.	3 lbs.	6 lbs.	12 lbs.
Lesco high wheel	7	Xx	xx	xx	xx
Earthway 2400-SS	7	Xx	xx	xx	xx
Scotts R-8A	7	Xx	xx	xx	xx
Spyker 24-22	7	Xx	xx	xx	xx
Prizelawn CBR-II	7	xx	xx	xx	xx



**LIMITED WARRANTY**

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with the label instructions, warnings or cautions, or to use the product under abnormal conditions such as drought, excessive rainfall, include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law. The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.

Distributed by: Knox Fertilizer Company, Inc. P.O. Box 248 Knox, IN 46534

**NET WEIGHT 10 lbs. (4.5 kg.)**

**Batch No.**