



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

EPA Reg.
Number:
2491-343

Date of Issuance:

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

Term of Issuance:
Conditional

Name of Pesticide Product:
Koos Bayleton 0.78%
Granule Fungicide

Name and Address of Registrant (include ZIP Code):

KOOS, Inc.
4500 13th Court
Kenosha, WI 53140

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

1. Submit and/or cite all data required for registration/reregistration 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 listed below before you release the product for shipment:

a. Add the phrase, "EPA Reg. No. 2491-343".

Signature of Approving Official:

BS/

Date:

b. The "commercial" storage and disposal statements and the grazing restriction make this product subject to the Worker Protection Standard (WPS). In order to exclude this product from WPS, add the following statements:

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes of climatic modification and being grown in interior plantscapes, ornamental gardens or parks, or on golf courses or lawns and grounds.

Note if one or more of the sites in the above sentences is "interior plantscapes, ornamental gardens, parks, golf courses, lawns, or grounds" is not appropriate for your product, it need not be listed.

These statements must be placed 1) on the front panel of the label in association with the product name or 2) near the beginning of the Direction for Use section.

Refer to PR Notice 93-7 paragraph E and PR Notice 93-11 section F and G.

3. Submit one (1) copy of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (7505C)

Enclosure

KODS Bayleton

0.78% GRANULE FUNGICIDE

Contains 0.78% Bayleton® Fungicide - For Systemic Control of Certain Diseases on Turf

Systemic Fungicide Granules
FOR CONTROL OF LAWN DISEASE ON
BLUEGRASS, FESCUE, RYEGRASS, BERMUDA
GRASS, ZOYSIAGRASS, ST. AUGUSTINE GRASS
AND BENTGRASS

FOR THE PREVENTION OR CURE OF DOLLAR SPOT, COPPER SPOT, POWDERY MILDEW, RED THREAD, RUSTS, BROWN PATCH, ANTHRACNOSE, POA ANNUA DECLINE, STRIPED SMUT, FUSARIUM BLIGHT, GRAY SNOW MOLD, PINK SNOW MOLD, FUSARIUM PATCH AND SOUTHERN BLIGHT

ACTIVE INGREDIENT
1-(4-chlorophenyl)-3,3-dimethyl-1H-1,2,4-triazol-1-yl-2-butanone 0.78%
INERT INGREDIENTS 99.22%
Total 100.00%

Contains BAYLETON® Turf Fungicide a Registered Trade Mark of KODS, Inc. 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 water 1 to 2 glasses of water and forcing back of throat with finger. Give water until vomitus is clear. Do not induce vomiting or give anything by mouth to an unconscious or comatose 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 if indicated.

SEE ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 2491- EPA EST. NO. 2491-W-01
NET WEIGHT 15 POUNDS

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. Wear protective clothing, gloves and shoes when handling and before eating or drinking. Wash contaminated clothing with soap and hot water before re-use.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters. Do not use or crop grown for food or forage. Do not apply directly to water. Apply this product only as specified on this label. Do not apply when weather conditions favor drift from target area. Do not use chippings or grass for animal feed.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in original container 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 use empty bag. Wrap and put in trash.

APPLICATION

Bayleton® is absorbed rapidly and works systemically from within the plant. Ranted or damaged turf after application will show rapid systemic uptake. Control will be seen on turf suffering from drought stress. Thatchers 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 Rate prior to appearance of disease under other damage from disease is anticipated. Apply Curative Rate when disease is first observed. NOTE: Apply the specified amount of this product with a standard granular spreader calibrated to deliver the 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 14 inch of water has been applied to the treated area.

WARRANTY: KODS, INC. 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 purpose. Since timing, method of application, weather, soil 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 (Looseleaf blight)	2 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 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.
	-	4 lbs.	CURATIVE RATE: To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.
COPPER SPOT (Looseleaf blight)	2 lbs.	-	PREVENTIVE RATE: Apply at 15 to 30 day intervals. When environmental conditions favor light to moderate disease development, use a larger interval. Protective activity of this product can be greater than 30 days depending on environmental conditions.
POWDERY MILDEW (Etiolate gramineae)	2 lbs.	4 lbs.	CURATIVE RATE: To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.
RED THREAD (Loloma fusiformis)	2 lbs.	4 lbs.	
RUSTS (Rusts spp.)	2 lbs.	4 lbs.	
BROWN PATCH (Rhizoctonia blight)	4 lbs.	-	PREVENTIVE RATE: Apply at 30 day intervals and repeat as necessary for seasonal control. Dependent upon environmental conditions, residual control may be obtained to 45 days.
ANTHRACNOSE (Colletotrichum gramineae)	2 lbs.	-	PREVENTIVE RATE: Apply at 30 day intervals and repeat as necessary for seasonal control. Dependent upon environmental conditions, residual control may be obtained to 30 days.
POA ANNUA DECLINE	-	4 lbs.	CURATIVE RATE: To control existing infections, apply the curative rate. Subsequent applications should be applied on a preventive schedule and rate.

Preventive Rate Only		
STRIPED SMUT (Loloma gramineae)	4 lbs. (Except California)	Make a single application in spring to grass growth stages.
FUSARIUM BLIGHT (Fusarium culmorum)	4 lbs. (California Only)	Apply 1st application in mid-June or 30 days prior to time the blight normally becomes evident. Apply at 30 day intervals. For California Only, apply at 5 lbs. rate on 15 day intervals or at the 8 lb. rate or 30 day intervals.
BROWN PATCH (Rhizoctonia blight)	4 to 8 lbs.	
GRAY SNOW MOLD (Typharia blight)	8 lbs.	Apply in late 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)	4 to 8 lbs.	Apply before conditions favorable for infection occur. Repeat as needed at 30 to 60 day intervals. Do not apply over snow cover or when turf is dormant. Use a high rate of turf with a history of severe yearly disease damage.
SOUTHERN BLIGHT (Sclerotinia blight)	4 to 8 lbs. (Except California)	
GRAY SNOW MOLD (Typharia blight)	10-16 lbs. per 1,000 sq ft.	Apply in late fall before dormancy. Do not apply over snow. Do not apply when turf is dormant. Use the high rate in areas with history of severe & widespread damage.

SPREADER SETTINGS	
Pounds of Product to apply per 1,000 sq ft.	
Spreader	2 4 6 8 10 12 14
Scoti's ROT	1 2 3 4 5 6 7
Lesco Rotary	1 2 3 4 5 6 7

Apply evenly with a properly calibrated turf spreader. Do not spread by hand. Conditions affecting spreader settings include but are not limited to walking speed, unevenness of terrain, obstructions to be spread around, weather and conditions of spreading equipment. Calibrate your spreader before using. Do not apply product 11-85.

KODS, INC.
4500 13th Court - Kenosha, WI 53140 U.S.A.

APPROVED
with COMMENTS
In Full Letter Dated:

2491-343