

8378-35

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

SEP 6 2002

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Roger L Henderson
Knox Fertilizer Company
P.O. Box 248
Knox, IN 46534

Dear Mr. Henderson:

Subject: Revised Labeling
Balan 2.5 G
EPA Registration No. 8378-35
Your Submission Dated August 14, 2002

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- Delete the duplicate "See side/back panel....Statements". Please note that this referral statement is not required if all precautionary text appears on one panel on front of the bag. If precautionary statements are on the side/back panel, the referral statement must placed so it is in close proximity to the Signal Word CAUTION.


2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

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

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If you have any questions concerning this letter, please contact Mr. James Stone at 703-305-7391.

Sincerely yours,


Joanne I. Miller
Product Manager (23)
Herbicide Branch
Registration Division (7505C)

Enclosure

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.

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 - 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 an 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 call 1-800-858-7378 for emergency medical treatment advice. See side panel for additional Precautionary Statements

See Side/Back Panel for Additional Precautionary Statements

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust and contact with skin or eyes. Wash thoroughly after handling and before eating or smoking. Do not contaminate feed or foodstuffs.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its label. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE AND DISPOSAL

STORAGE: Store this product in its original container in a dry, cool, secured area. Do not contaminate water, foodstuffs, feed, or seed by storage or disposal.

PRODUCT DISPOSAL: As a responsible environmental practice, where possible, it is recommended that all of the contents of the bag be used, carefully following label directions and precautions.

IF EMPTY: Do not reuse bag. Place bag in trash or offer for recycling if available.

IF PARTLY FILLED: Call your local waste agency or 1-800 CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

SPILL: In case of spill, sweep up and dispose of material according to PRODUCT DISPOSAL directions listed above.

PRECAUTIONS IN APPLYING

Apply BALAN 2.5G to the turf prior to germination of weed grasses since it will not control established weeds. It may also thin established Annual Bluegrass (Poa annua) and fine leaf fescues at rates above 60 pounds per acre (1.5 lbs. A.I.). Do not apply in the spring to turf grass planted the previous fall. In Bermudagrass areas that have been overseeded with winter grasses, spring application may thin the overseeded grasses. Because of varying cultural practices do not apply to putting greens. Do not apply to Dichondra. Do not apply to newly sprigged areas of Bermudagrass, St. Augustinegrass or Centipede grass until they are well established.

WEEDS CONTROLLED

This product is a preemergence herbicide which is applied to established turfgrasses for the control of undesirable Annual Bluegrass (Poa annua), Smooth and Hairy Crabgrass, Goosegrass (Silver crabgrass and Crowfoot), Barnyardgrass (Watergrass), and Green and Yellow Foxtail. It controls these annual weeds by killing their seeds as they germinate.

WHEN AND HOW TO APPLY

Successful preemergence control of annual grass weeds listed on this label depends on proper timing of the application. Apply BALAN 2.5G one to two weeks prior to the germination of annual grass weed seeds. All summer annual grasses do not germinate at the same time. For this reason if the application does not coincide with the normal germination, weed control may be erratic. Control results will be enhanced by irrigation (or rainfall) which may be applied soon after application. Any cultural practices which disturb the soil surface, such as aeration or verticutting, should be performed prior to application.

1. SPRING GERMINATING SUMMER ANNUAL GRASSES, CRABGRASS, FOXTAILS AND BARNYARDGRASS

A. Northern (Cool Season) Turfgrasses

Apply 60 to 80 pounds per acre in the spring one to two weeks prior to the onset of conditions favorable for annual weed grass germination.

B. Southern (warm season) Turfgrasses

Apply 80 to 120 pounds per acre in late winter or early spring one to two weeks prior to weed seed germination.

In areas of the U. S. where germination of the annual weed grasses continues for extended periods of time, a second application at the recommended rate may be made 8 to 10 weeks after the first application.

2. LATE SPRING, EARLY SUMMER GERMINATING ANNUAL GRASSES - GOOSEGRASS

Although classified as a summer annual grass, goosegrass normally germinates 4 to 6 weeks later than crabgrass, foxtail and other summer annual grasses, therefore applications should be timed accordingly as follows:

A. Northern (Cool Season) Turfgrasses

Apply 80 pounds per acre in the late spring or early summer one to two weeks prior to the expected germination of Goosegrass.

B. Southern (warm season) Turfgrasses

Apply 80 to 120 pounds per acre in late spring or early summer one to two weeks prior to expected germination of Goosegrass.

NOTE: BALAN will not harm most nearby established ornamental trees and shrubs. When this product is applied as directed the following established turfgrasses are tolerant: BAHIAGRASS, BERMUDAGRASS, CENTIPEDEGRASS, FESCUE VARIETIES, PERENNIAL KENTUCKY BLUEGRASS VARIETIES, PERENNIAL RYEGRASS VARIETIES, ST. AUGUSTINE GRASS VARIETIES and ZOYSIA GRASS.

3. NORTHERN AND SOUTHERN TURFGRASSES

In areas of the U. S. where pre-emergence control of both early germinating annual grasses and later germinating grasses is desired, two application at the recommended rate spaced 8 to 10 weeks apart may be made to provide season long control of these annual grass species.

4. CONTROL OF POA ANNUA (Annual Bluegrass)

In areas of heavy infestation of "poa" its elimination will temporarily result in thin turfgrass areas. Proper fertilization, irrigation and soil incorporated reseeding will encourage existing desirable turfgrass and newly planted seedling turfgrasses to fill in these thin areas previously occupied by the "poa".

A. Northern (cool season) Turfgrasses

Apply 80 pounds per acre in the late summer or early fall and again in late winter or early spring one to two weeks prior to germination of "poa".

B. Southern (warm season) Turfgrasses

Apply 120 pounds per acre in late summer or early fall one to two weeks prior expected germination of annual bluegrass.

In southern areas of the U. S. where germination of the annual blue grass continues for extended periods of time, a second application at 120 lbs. per acre can be made 10 to 12 weeks after the first application.

AMOUNTS FOR SMALLER AREAS

60 Pounds/Acre Rate	=	1 1/2 Pounds	per 1,100 Sq.Ft.
80 Pounds/Acre Rate	=	2 Pounds	per 1,100 Sq.Ft.
120 Pounds/Acre Rate	=	3 Pounds	per 1,100 Sq.Ft.

RESEEDING TREATED AREAS

Chemicals that effectively control annual weed seeds may also affect new desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks after applying this product. Employ proper cultural practices to encourage the germination of desirable grass seeds and seedlings; also increase the amount of grass seed per 1,000 sq. ft. When using this product at the highest rate reseeding should be delayed 12 to 16 weeks.

HOW TO APPLY

A splash board under drop type spreaders may give more even distribution. To minimize skipped areas utilize some type of marker on your spreader to make sure that each "pass" is next to the last applied swath. Observe the yellow granules to "fit" each swath together. When using tractor-mounted application equipment apply in early morning when wind is calm and wheel marks are easy to follow. See diagrams below.

SPREADER SETTINGS

Spreader Make	Setting for application per Acre.		
	60 lbs.	80 lbs.	120 lbs.
CYCLONE B-1, 33, 96	xx-x	xx-xx	x
SCOTT ROTARY R-8	X	X-X	XXX
DROP SPREADERS	XX	XX	XX
GANDY 1CA SERIES (6;8;10;11;12;20;30)	XX	XX	XX

Since no two spreaders are alike these settings are provided as starting points in calibrating your spreader. It is important that you do so for the performance of this product is based on the exact recommended amount per acre of turf. If less is applied, poor control will result. Do not over apply.

APPLICATION EQUIPMENT

Apply this product evenly over the area without skips or misses. For small areas a more uniform application may be made by spreading half the amount over the areas and then applying the remaining half at right angles. Make sure your spreader is properly calibrated; check frequently to make sure equipment is distributing the granules precisely. Treat small areas with hand spreaders; while tractor mounted equipment is best suited for large areas; apply in the early morning when wheel marks will guide your applications. Yellow granules serve as a marker to avoid overlapping. Ask your dealer for various types of marking equipment.

NOTICE: Buyer assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label. (8378-35-amd.08-14-02-firstaid&wpe-weedands.)

NET WEIGHT 20; [40] POUNDS

Knox Fertilizer Company Inc.

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