

8378-35

07/28/2008

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

8378-35

Date of Issuance:

JUL 28 2008

Term of Issuance:

Name of Pesticide Product:

Balan 2.5 G

NOTICE OF PESTICIDE:

Registration
[X] 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 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 section 4(6)(2)(C) provided you agree in writing to:

- 1. Per the acute toxicity review, the Hazards to Humans and Domestic Animals must be revised to read:
"CAUTION
Harmful if swallowed. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. Avoid breathing dust."
2. Per the acute toxicity review, the text "chemical-resistant gloves made of any waterproof material" must be added to the PPE section.
3. Per the RED, User Safety Requirements 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."

Signature of Approving Official:

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

Handwritten signature of Joanne I. Miller

Date:

JUL 28 2008

4. Per the RED, the Environmental Hazards text must be revised to read:

“For occupational uses:

This pesticide is toxic to fish and aquatic invertebrates. 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. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.”

“For Homeowner use:

Do not apply directly to water, Do not contaminate water when disposing of equipment washwaters or rinsate.”

5. The storage and disposal section must also be revised to include storage and disposal for the occupational uses and should follow the format as specified below. Insert appropriate text for pesticide storage and container disposal and refer to the label review manual and PR Notice 2007-4 for guidance.

“Storage and Disposal for Occupational Products

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

Pesticide Storage: XXX

Pesticide Disposal: Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container Disposal: XXXX.”

6. Per the RED, the text “This product must be watered in as soon as possible after application” must be added to the label and any conflicting text must be removed.
7. Under Limitations of Remedies, add the statement “To the extent consistent with application law” to the beginning of the first statement, “The exclusive remedy for losses...” and the beginning of the second statement “Seller shall not be liable...”

Submit one copy of the revised final printed label for the record before you release the product for shipment. 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.

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

Enclosure

SHAW'S® Balan® 2.5

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

8378-35

A selective pre-emergence herbicide for the control of crabgrass and most other annual weed grasses on established Home Lawns, Golf Courses, Ornamental and Recreational Bluegrass-Ryegrass-Fescue-Bahiagrass-Bermudagrass-Centipede Grass-St. Augustine Grass-Zoysia Grass

To control Crabgrass, Foxtail, Goosegrass, Watergrass and Annual Bluegrass (Poa Annua)

FOR NORTHERN AND SOUTHERN LAWNS; 20 POUNDS COVERS UP TO 15,000 SQ. FT.

ACTIVE INGREDIENT:

N-BUTYL-N-ETHYL-alpha, alpha, alpha-TRIFLUORO-2,6-DINITRO-p-TOUIDINE	2.5%
INERT INGREDIENTS	97.5%
	Total 100.0%

KEEP OUT OF REACH OF CHILDREN
CAUTION

EPA Reg. No. 8378-35

EPA Est. No. 8378-IN-1

BALAN® is a Reg. Trademark of Dow AgroSciences LLC
Shaw's is a registered trademark of Knox Fertilizer Company, Inc.

FIRST AID

If swallowed: Call 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 do so by the 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 15-20 minutes. Remove contact lenses, if present, after the first 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 the 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 for emergency medical treatment advice.

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.

Personal Protective Equipment (PPE)

Wear long sleeved shirt and long pants and socks plus shoes.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using the 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. Do not contaminate water when disposing of equipment washwaters or rinsate.

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.

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 empty 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.

GENERAL PRECAUTIONS AND RESTRICTIONS

Apply this product 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 pound per acre (15 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 Centipedegrass until they are well established. 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 allow people or pets to enter the treated area until dusts have settled. If watering is required after the application - except for those people involved in the watering-in - do not enter or allow other people (or pets) to enter the treated areas until the watering-in is complete and the surface is dry. Do not apply more than 60 lb of product per acre per application for use on cool season turfgrasses or 120 lb of product per acre per application for use on warm season turfgrasses. Make no more than 2 applications per year for a total of no more than 120 lb of product per acre per year on cool season turfgrasses and 240 lb of product per acre per year on warm season turfgrasses.

WEEDS CONTROLLED

This product is a pre-emergence 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 this product 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 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 the 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, foxtails and other summer annual grasses, therefore applications should be timed accordingly as follows:

A. Northern (Cool Season) Turfgrasses

Apply 60 pounds per acre in the late spring or early summer 1 to 2 weeks prior to the expected germination of goosegrass.

B. Southern (Warm Season) Turfgrasses

Apply 80 to 120 pounds per acre in the late spring or early summer 1 to 2 weeks prior to the 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: BAHIA GRASS, BERMUDA GRASS, CENTIPEDE GRASS, 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 the later germinating grasses is desired, two applications 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 turfgrasses and newly planted seedling turfgrasses to fill in these thin areas previously occupied by the "Poa".

A. Northern (Cool Season) Turfgrasses

Apply 60 pounds per acre in late summer or early fall and again in late winter or spring 1 to 2 weeks prior to germination of "Poa".

B. Southern (Warm Season) Turfgrasses

Apply 120 pounds per acre in the late summer or early fall one to two weeks prior to the expected germination of annual bluegrass. In southern areas of the United States where germination of annual bluegrass continues for extended periods of time, a second application at 120 pounds per acre can be made 10 to 12 weeks after the first application.

AMOUNTS FOR SMALLER AREAS

60 Pounds/Acre Rate =	1.5 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 splashboard 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 swatch. Observe the yellow granules to "fit" each swatch together. When using tractor mounted application equipment apply in early morning when wind is calm and wheel marks are easy to follow. See diagram's below.

SPREADER SETTINGS

SETTING FOR APPLICATION PER ACRE

SPREADER MAKE	60 LBS.	80 LBS.	120 LBS.
CYCLONE	XX	XX	XX
SCOTT ROTARY	XX	XX	XX
DROP SPREADERS GANDY 10A 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 spreader; 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.

TERMS AND CONDITIONS OF USE

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

WARRANTY DISCLAIMER

Seller warrants that this product conforms to the chemical description on the labels and is reasonably fit for the purposes stated on the labels when used in strict accordance with the directions, subject to the inherent risks set forth below. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF

MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

INHERENT RISKS

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, manner of application or other factors, all of which are beyond the control of the Seller. All such risks shall be assumed by buyer.

LIMITATION OF REMEDIES

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

1. Refund of purchase price paid by buyer or user for product bought, or
2. Replacement of amount or product used.

Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller promptly notifies of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

The terms of this Warranty Disclaimer and Inherent Risks of Use above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Seller or the Seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.

Distributed By:
Knox Fertilizer Company, Inc.
PO Box 248
Knox, Indiana 46534

Net Weight 40 lbs. (18.18 kg.)