



8378-17

2/28/2003

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0080, Approval expires 2-28-95



United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☐ Amendment
☒ Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 8378-17	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Shaw's XX-XX-XX Turf Food With Crabgrass Control	PM# 23	
5. Name and Address of Applicant (Include ZIP Code) Knox Fertilizer Company P. O. Box Knox, IN 46534 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. <u>NA</u> Product Name <u>NA</u>	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION FEB 28 2003
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of label change relative to PR Notice 2001-6. This notification is consistent with the guidance in PR Notice 2001-6 and the requirements of EPA's regulations at 40 CFR 156.10 and 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the guidance of PR Notice 2001-6 and the requirements of 40 CFR 156.10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

Section - III

1. Material This Product Will Be Packaged In:

Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____
* Certification must be submitted		If "Yes" Unit Packaging wgt. _____ No. per container _____	If "Yes" Package wgt. _____ No. per container _____

3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container	4. Size(s) Retail Container _____	5. Location of Label Directions <input type="checkbox"/> _____
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled <input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

Name Robert F. Bischoff	Title Agent, TotalTurf Consulting LLC	Telephone No. (Include Area Code) (317) 873-0222
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Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received
(Stamped)

2. Signature <i>Robert F. Bischoff</i>	3. Title Agent, TotalTurf Consulting LLC	6. Date Application Received (Stamped)
4. Typed Name Robert F. Bischoff	5. Date February 20, 2003	

NOTIFICATION
FEB 28 2003**Shaw's® XX-XX-XX Turf Food
with Crabgrass Control****Preemergence Crabgrass Control plus Fertilizer****ACTIVE INGREDIENTS:**

Benefin; N-butyl-N-ethyl-alpha,alpha,alpha,trifluoro-2,6-dinitro-p-toluidine	0.76%
Trifluralin; Alpha,alpha,alpha,trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine	0.38%
OTHER INGREDIENTS:	98.86%
TOTAL	100.00%

EPA Reg. No. 8378-17

EPA EST. No. 8378-IN-1

NET WEIGHT 40 LBS. covers 6,600 to 13,300 sq. ft.

GUARANTEED FERTILIZER ANALYSIS

Nitrogen-----XX%

Ammonical (N)-----XX%

Urea (N)-----XX%

Sulfur Coated Urea (N)--XX%

Phosphoric Acid (P₂O₅)-----XX%Soluble Potash (K₂O)-----XX%

Primary Plant Food derived from Urea, Sulfur Coated Urea, Muriate of Potash, Ammoniated Phosphate.

Potential Acidity XX lbs. Calcium Carbonate per ton.

KEEP OUT OF REACH OF CHILDREN**WARNING****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: 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.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center, or doctor, or when going for treatment.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Harmful if absorbed through the skin. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged, or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment

Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, and protective eyewear. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety recommendations

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. Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to freshwater marine and estuarine fish and aquatic invertebrates, including shrimp, and oysters. 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 apply in a manner which will directly expose canals, lakes, streams, ponds, marshes, or estuaries to aerial drift. 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 labeling. Do not apply this product in a way that will contact workers or other persons either directly, or through drift. Only protected handlers may be in the area during application. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Entry Restrictions

Do not enter or allow others to enter the treated area until dusts have settled. If soil incorporation is required after the application, do not enter or allow others to enter the treated area (except those persons involved in the incorporation) until the incorporation is complete. If the incorporation is accomplished by watering-in, do not enter or allow others to enter the treated area until the surface is dry after the watering-in.

WHERE TO APPLY FOR CRABGRASS CONTROL

When applied according to these directions this product can be used safely on the following turfgrass varieties: Perennial Bluegrass varieties, Perennial Rye grass varieties, Bermudagrass, Bahiagrass, Centipedegrass, Fescue varieties, St. Augustinegrass and Zoysia Grass growing in home lawns, golf courses, parks and all other commercial, recreational and ornamental turfgrass areas. Will not harm most common ornamental trees and shrubs when used as directed.

OTHER WEEDS CONTROLLED

This product contains a combination of Benefin and Trifluralin pre-emergence Herbicides plus a Lawn Food. It should be applied to established turf for the control of Crabgrass (Smooth and Hairy).

Goosegrass (Silver Crab or Crowfoot), Barnyardgrass (Watergrass), Foxtail (Green and Yellow), and Annual Bluegrass.

WHEN TO APPLY

Apply to turf prior to germination of weed seeds since established weeds will not be controlled. Apply only to healthy established turf grass lawns.

WHEN AND HOW TO TIME THE APPLICATION

Successful pre-emergence control of the annual grassy weeds as listed requires proper application timing. It must be applied 1 to 2 weeks prior to the germination of the weed seeds. All summer annual weeds do not germinate at the same time. For this reason application timing must coincide with the normal germination period of any one of the annual grassy weeds. If not, poor and erratic weed control will result due to improper application.

WATER THE LAWN AFTER APPLICATION

It is not necessary but optimum weed control performance will be obtained if treated areas are irrigated with $\frac{1}{4}$ to $\frac{1}{2}$ inch water (or equivalent rain occurs) soon after application. Any cultural practices that disturb the soil such as verticutting, should be done prior to application of this product.

IMPORTANT PRECAUTIONS IN USING THIS PRODUCT

1. DO NOT apply in the spring to Bermuda grass which has been overseeded with winter grasses (annual rye) since thinning will occur.
2. DO NOT use on Dichondra, nor to newly sprigged areas of Bermuda grass, St. Augustine grass or Centipede grass, nor to Bentgrass or putting greens until these turfs are well established.
3. DO NOT apply in spring to turfgrass planted the previous fall. This product may thin established Annual Bluegrass (*Poa Annua*) and Fine-Leafed Fescue lawns when used at higher rates than 176 lbs. per acre (2.0 lb. A.I. per Acre). Do not overdose.

"SPRING GERMINATING"

ANNUAL GRASSES: CRABGRASS, FOXTAIL, BARNYARDGRASS

- A. Northern Cool Season Grasses - For preemergence control, apply 132 to 176 lbs. per acre, (equal to 1.5 to 2 lbs. active ingredient/acre) applied in the spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination. One 40 lb. bag will cover 10,000 to 13,300 sq. ft. Use for 10,000 sq. ft. when turf is completely overrun with weeds. Use for 13,300 sq. ft. when weeds are sparse and the turf is in a yearly lawn maintenance program.
- B. Southern Warm Season Turf grass - For preemergence control apply 176 to 263 lbs. per acre (equal to 2 to 3 lbs. active ingredient per acre), in the late winter or early spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination. One 40 lb. bag will cover 6,660 to 10,000 sq. ft. Use for 6,660 sq. ft. where turf is completely overrun by weeds. Use for 10,000 sq. ft. when weeds are sparse or the turf is in a yearly crabgrass control program.

"LATE SPRING-EARLY SUMMER GERMINATING"

ANNUAL GOOSEGRASS (SILVER CRAB)

Although classified as a summer annual grass, Goosegrass normally germinates 4 to 6 weeks later than the crabgrass, foxtails and other summer annual grass species. Applications of this product should therefore, be timed accordingly.

- A. Northern Cool Season Turf grasses - For preemergence control apply 176 lbs./acre (equal to 2 lbs. active ingredient per acre) of this product in late spring or early summer one to two weeks prior to the expected germination period of Goosegrass. Use 40 lbs. to cover 10,000 sq. ft.

- B. Southern Warm Season Turf grasses - For preemergence control, apply 176 to 263 lbs. per acre (equal to 2 to 3 lbs. active ingredient per acre) of this product in late spring or early summer one to two weeks, prior to the expected germination of Goosegrass. Use one 40 lb. bag to cover for 6,660 to 10,000 sq. ft. Use for 6,660 sq. ft. where turf is completely overrun by weeds. Use for 10,000 sq. ft. where weeds are sparse and the area is in a yearly lawn maintenance program.

APPLY TWICE FOR FULL SEASON CONTROL IN NORTHERN AND SOUTHERN TURFGRASSES

In areas of the United States where preemergence control of both early germinating annual grasses (Crabgrass, Foxtail, and Barnyardgrass) and the later germinating Goosegrass is desired, two application of this product at the recommended rate, spaced 8 to 10 weeks, may be made to provide full season control of these annual grass species.

POA ANNUA (ANNUAL BLUEGRASS) CONTROL

In areas of heavy infestation of Annual Bluegrass, its elimination will leave areas of thin turf. Employ proper cultural practices to establish a new turf.

- A. Northern Cool Season Turf Grasses - For preemergence control apply 176 lbs. per acre (equal to 2 lbs. active ingredient per acre) of this product per acre in late summer or early fall and again in late winter or spring one to two weeks prior to expected germination of annual bluegrass. One 40 lb. bag will treat 10,000 sq. ft. of turf grass.
- B. Southern Warm Season Turf Grasses - For preemergence control apply 263 lbs. per acre (equal to 3 lbs. active ingredient per acre) of this product per acre in the later summer or early fall one to two weeks prior to expected germination of poa annua. One 40 lb. bag will treat and feed 6,660 sq. ft. of turfgrass. In southern areas where germination continues for extended periods of time a second application at 263 lbs. per acre can be made 10 to 12 weeks after the initial treatment.

RESEEDING TREATED AREAS

1. Delay reseeding - 6 weeks when applying at the rate of 132 or 176 lbs./acre equal to 1.5 to 2.0 lbs. active ingredient/acre, or when using one 40 lb. bag to cover 10,000 to 13,300 sq. ft.
2. Delay reseeding - 12 to 16 weeks when applying at rate of 263 lbs./acre equal to 3 lbs. of a.i. per acre or when using one 40 lb. bag to cover 6,660 sq. ft. of turfgrass. When reseeding increase the amount of seed put down by 10-15%.

SPREADER SETTINGS

The following spreader settings are for use with new equipment. Your spreader may need recalibrating since proper application is based on equipment condition with regard to age and use, your walking speed and the unevenness of the terrain. Poor weed control will result from uneven or improper application.

Spreader	40# bag per sq. ft.	Northern Lawns Crabgrass etc. Poa Annua	Southern Lawns Crabgrass etc. Poa Annua
Scott #35	13,330	XX	XX
	10,000	XX	XX
	6,660	XX	XX
Cyclone B1	13,330	XX	XX
	10,000	XX	XX
	6,660	XX	XX

40 lbs. to treat 13,330 sq. ft. = 132 lbs./acre = 1.50 lbs. A.I./acre

40 lbs. to treat 10,000 sq. ft. = 176 lbs./acre = 2.00 lbs. A.I./acre

40 lbs. to treat 6,660 sq. ft. = 263 lbs./acre = 3.00 lbs. A.I./acre

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STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. STORAGE: Store in original, closed container only. PRODUCT DISPOSAL: IF EMPTY: Do not reuse this bag. Place in trash or offer for recycling if available. IF PARTLY FILLED: Call your solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE: Buyer and user assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.

KNOX FERTILIZER COMPANY, INC.

P.O. BOX 248

KNOX, IN 46534

NET WEIGHT 40 LBS. (18.18 kg.)

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KNOX FERTILIZER COMPANY

P.O. BOX 248 KNOX, INDIANA 46534
PHONE (219) 772-6275 / FAX (219) 772-5878

November 11, 2002

Document Processing Desk
Office of Pesticide Programs (7504C)
U.S. Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

Attention: EPA Pesticide Product Managers

Re: Knox Fertilizer Inc. products except those containing Dimension®
(EPA Reg. No. 8378-48; 8378-49; 8378-50; 8378-51; 8378-53)

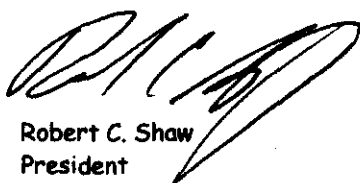
This letter authorizes Dr. Raymond B. Cooper and Mr. Robert F. Bischoff of TotalTurf Consulting, LLC, PO Box 7928, Hilton Head Island, SC 29938, to act on our behalf as agents in regard to the regulatory activities involving the registration of Knox Fertilizer Inc. products except those containing Dimension® under 40 CFR 152.50. Please provide TotalTurf Consulting, LLC with access to our files and information regarding their status and data requirements.

This letter terminates the relationship with H.R. McClane, at 7210 Red Road, Suite 206, Miami Florida, as our agent.

This authorization shall remain in effect until such time as we notify EPA, in writing, of cancellation.

Thank you in advance for your cooperation. Should you have any questions, please call.

Sincerely,



Robert C. Shaw
President

cc: TotalTurf Consulting, LLC
PO Box 7928
Hilton Head Island, SC 29938

H.R. McClane
7210 Red Road, Suite 206
Miami, FL 33143-5321



Shaw's