

Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
**244691**  
**NOTIFICATION**

**Application for Pesticide - Section I**

1. Company/Product Number 8378-18	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) 25-3-3 PREMIUM LAWN FOOD WITH CRABGRASS CONTROL	PM# 23	OPP ID NO 244691
5. Name and Address of Applicant (Include ZIP Code) KNOX FERTILIZER COMPANY P.O. BOX 248 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. > N/A Product Name > N/A	

**Section - II**

Amendment - Explain below. **As below**  Final printed labels in response to Agency letter dated \_\_\_\_\_

Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application. **NOTIFICATION**

Notification - Explain below.  Other - Explain below.

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

- > 1. Remove the Treflan Standard "watering-in statement". No longer required.
- > 2. Adds revised (abbreviated) WPS Exclusionary Statement as requested.
- > 3. Up-Date the "wetlands" statement in compliance with PRN 93-3 & 8.
- > 4. Sentence added to instruct when to use the lower/higer rates.

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		> <input type="checkbox"/> Metal ---->metal	
				> <input checked="" type="checkbox"/> Plastic ---->plastic	
				> <input type="checkbox"/> Glass ---->glass	
				> <input type="checkbox"/> Paper ---->paper	
				> <input checked="" type="checkbox"/> Other (Specify) ---->other	
* 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 checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 18;20;25;36;40;50#		5. Location of Label Directions <input checked="" type="checkbox"/> On Label -->on label <input type="checkbox"/> On Labeling-accompanying product	
6. Manner in Which Label is Affixed to Product Adhesive <input checked="" 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 H. R. MCLANE, INC. By H. R. McLane;	Title Authorized Agent Knox Fertilizer Co.	Telephone (include area code) 219 772 6275	
<p align="center"><b>Certification</b></p> <p>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.</p>			6. Date Application Received (Stamp)
2. Signature 	3. Title Authorized Agent		
4. Typed Name Roger Henderson, Mgr. Robert C. Shaw, Pres.	5. Date NOV 15 1996		

water for 15 minutes. Call a physician. IF SWALLOWED: Call a physician. IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists. IF INHALED: If breathing difficulties occur, move individual to fresh air and get medical attention.

Directions for use in a manner consistent with its labeling. Not for use on turf grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**WARNING:** Causes eye irritation. Do not get in eyes. Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust or contact with skin or clothing. The granular formulation may cause skin sensitization reaction in certain individuals. Use eye protection and protective clothing such as coveralls, a long-sleeved shirt and chemical resistant gloves when handling this product. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before re-use.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply directly to water. Drift or runoff from treatment areas may be hazardous to aquatic organisms in neighboring aquatic sites. Do not contaminate water when disposing of equipment washwaters.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in original container only. In case of leak or spill, contain material and dispose of wastes. **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 re-use empty bag. Wrap and put in trash.

EPA REG. NO. 8378-18 EPA EST. NO. 8378-IN-1  
(8378-18.PM5 \ Acctd. 04-26-88) prtr date 11-15-96  
TEAM® is a registered Trademark of DowElanco Products, Co.

**WHERE TO APPLY**

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, BAHIA GRASS, CENTIPEDEGRASS, FESCUE VARIETIES, ST. AUGUSTINE GRASS & ZOYSIAGRASS turfgrasses and other ornamental turf. Will not harm most ornamental trees and shrubs when used as directed.

**WEEDS CONTROLLED IN ESTABLISHED TURF**

This product contains a combination of Benfen 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 (Poa Annua) while providing a complete lawn fertilization.

**WHERE, WHEN & HOW 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.

**PRECAUTIONS IN USING THIS PRODUCT**

- DO NOT apply in the spring to Bermuda Grass which has been overseeded with winter grasses (annual rye) since thinning will occur.
- DO NOT do not use on Dichondra, nor to newly sprigged areas of Bermudagrass, St. Augustine Grass or Centipede Grass, nor to Bentgrass or putting greens until these turfs are well established.
- DO NOT apply in spring to Turfgrass planted the previous fall. This product may thin established Annual Bluegrass (Poa Annua) & Fine-Leafed Fescue lawns when used at higher rates than 158 lbs. per acre. (2 lb. A.I. per Acre) Do not overdose.

**RATES FREQUENCY & TIMING OF APPLICATION**

Successful pre-emergence control of the annual grassy weeds as listed requires proper application time. 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:**

Best results will be obtained if treated areas are irrigated with 1/4 to 1/2 inch water soon after application. Any cultural practices that disturb the soil such as verticutting, should be done prior to application of this product. (If chart is used with labeling) Add- (Refer to Application Chart for Timing)

Use the lower rates; (i.e. 1.5 or 2 lbs. A.I. / Acre) when normal weed seed germination is expected; use the higher rates (i.e.: 2 or 3 lbs. A.I. / Acre) for expected heavy weed seed germination.

**"SPRING GERMINATING" ANNUAL GRASSES- CRABGRASS, FOXTAIL, BARNYARDGRASS.**

**A. Northern Cool Season Grasses** - 18 lbs. to treat 6,700 sq.ft. = 1.5 lbs. A.I. /acre; for 5,000 sq.ft. = 2.0 lbs. A.I. /acre. For pre-emergence control, apply 118 TO 157 lbs. per acre, (equal to 1.5 to 2.0 lbs. A. I. /acre) applied in the spring one to two weeks prior to the onset of conditions favorable for annual weedy grass seed germination.

**B. Southern warm season turfgrasses** - 18 lbs. to treat 5,000 sq.ft. = 2.0 lbs. A.I. /acre; for 3,350 sq.ft. = 3.0 lbs. A.I. /acre. For pre-emergence control, apply 157 to 237 lbs. per acre, (equal to 2 to 3 lbs. A. I. /acre). For pre-emergence control apply 176 to 263 lbs. per acre (equal to 2 to 3 lbs. A. I. 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.

**"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 turfgrasses** - 18 lbs. to treat 5,000 sq.ft. = 2.0 lbs. A.I. /acre; For pre-emergence control, apply 157 per acre, (equal to 2 lbs. A. I. /acre) of this product in late spring or early summer one to two weeks prior to the expected germination of goosegrass.

**B. Southern warm season turfgrasses** - 18 lbs. to treat 5,000 sq.ft. = 2.0 lbs. A.I. /acre; for 3,350 sq.ft. = 3.0 lbs. A.I. /acre. For pre-emergence control, apply 157 per acre to 237 lbs./acre (equal to 2 to 3 lbs. A. I. /acre) of this product in late spring or early summer one to two weeks prior to the expected germination of goosegrass.

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. (8378-18.pms11-15-96)

**APPLY TWICE FOR FULL SEASON CONTROL**

In areas of the United States where pre-emergence 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 apart 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 turfgrasses** -18 lbs. to treat 5,000 sq.ft. = 2.0 lbs. A.I. /acre: For pre-emergence control apply 157 lbs. per acre (equal to 2 lbs. A. I. 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.

**B. Southern warm season turfgrasses** -18 lbs. to treat 3,350 sq.ft. = 3.0 lbs. A.I. /acre. For pre-emergence control, apply 237 lbs. per acre, (equal to 3 lbs. A. I. /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.

**TO RESEED TREATED AREAS**

- 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.
  - Delay reseeding - 12 to 16 weeks when applying at rate of 263 lbs./acre equal to 3.0 lbs. of Active Ingredient 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 25%

**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	50# bag per sq.ft.	Northern Lawns		Southern Lawns	
		Crabgrass etc.	Poa Annua	Crabgrass etc.	Poa Annua
SCOTT #35	6,700 *	3	4 1/2	-	-
	5,000 *	4	5 1/2	4	5 1/2
	3,350 *	-	-	5 1/2	6
CYLCONE "B1"	6,700 *	2	3	-	-
	5,000 *	3	4	3	4
	3,350 *	-	-	4	4 1/2

18 lbs. to treat 6,700 sq.ft. = 118 lbs./acre = 1.5 lbs. A.I./acre  
18 lbs. to treat 5,000 sq.ft. = 157 lbs./acre = 2.0 lbs. A.I./acre  
18 lbs. to treat 3,350 sq.ft. = 237 lbs./acre = 3.0 lbs. A.I./acre

**GUARANTEED FERTILIZER ANALYSIS**

Nitrogen - - - - - xx%	Primary Plant Food derived from
Ammoniacal (N)..... xx%	Urea, Sulfur Coated Urea, Muriate
Urea (N) .....xx%	of Potash, Ammoniated Phosphate.
Sulfur Coated Urea.(N)..xx%	
Phosphoric Acid (P2O5) - - - xx%	Potential Acidity 810 lbs.
Soluble Potash - - - - - xx%	Calcium Carbonate per ton.

**"FOR BEST RESULTS APPLY AT THE APPROPRIATE TIME**

APPROPRIATE TIMES TO APPLY THIS PRE-EMERGENT HERBICIDE

JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC.
NORTHERN TURF			1.///////	2.////////	3.//////////						
SOUTHERN TURF											
				4.//////////	5.////////	**6.//////////					

- For Crabgrass, Foxtail, Barnyardgrass in Northern Turf.
  - For Goosegrass - Northern Turf
  - For Poa Annua in Northern Turf.
  - For Crabgrass, Foxtail and Barnyardgrass in Southern Turf.
  - For Goosegrass - Southern Turf.
  - For Poa Annua in Southern Turf.
- \*\*Two applications may be needed during this period to give adequate control  
\*Apply 1 to 2 weeks before weed seed germinate in your locale.

FORMULATED FOR HOME LAWNS, GOLF COURSES, PARKS AND OTHER ORNAMENTAL & RECREATIONAL TURF BY:

**KNOX FERTILIZER COMPANY, INC.**

KNOX, INDIANA 46534