

8378-63

8-30-2002

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060



United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other

OPP Identifier Number 281555

Application for Pesticide - Section I

NOTIFICATION

1. Company/Product Number 8378-63
2. EPA Product Manager James A. Tompkins
3. Proposed Classification None Restricted
4. Company/Product (Name) SHAW'S STARTER FERTILIZER WITH PM-25 CRABGRASS CONTROL 350 TURPESAN
5. Name and Address of Applicant KNOX FERTILIZER COMPANY
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. Resubmission in response to Agency letter dated. Notification - Explain below. Final printed labels in response to Agency letter dated. "Me Too" Application. Other - Explain below. AUG 30 2002

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

> This is a NOTIFICATION TO ADD COPY IN CONFORMANCE TO PR NOTICE 2001-1 AND 2001-6. AS HI-LITED ON THE ONE COPY OF THE ENCLOSED 2 LABELS.

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container, 3. Location of Net Contents Information, 4. Size(s) Retail Container, 5. Location of Label Directions, 6. Manner in Which Label is Affixed to Product

Section - IV

1. Contact Point Name H. R. MCLANE, INC. Title Agent 305 661 1706 Telephone No. 219 772 6275
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.
2. Signature Roger L. Henderson 3. Title Authorized Agent
4. Typed Name ROGER L. HENDERSON; VICE PR4ESIDENT 5. Date 08-15-02
6. Date Application Received (Stamped)

EPA
2/5

(s3B



H. R. McLane, Inc.

7210 Red Road, Suite 206 - Miami, Florida 33143-5321 U.S.A.
Phone 305 661 1706 - Fax 305 661 3036 - E-Mail <hrmclane@bellsouth.net>
Chemical Consultants in EPA Regulatory Affairs
FIFRA Licensing & Registratlons - Since 1956

AUG 15, 2002
OPP ID NO 281555

DR. JIM TOMPKINS PM-25
DOCUMENT PROCESSING DESK (NOTIF)
OFFICE OF PESTICIDE PROGRAMS (7505C)
ENVIRONMENTAL PROTECTION AGENCY
1200 PENNSYLVANIA AVE. N.W.
WASHINGTON DC 30460-0001

NOTIFICATION ADD A NAME: OPP ID NO 281555
Registrant: KNOX FERTILIZER COMPANY, INC. - EPA EST. NO. 8378.
P.O. BOX 248 - KNOX, IN 46534

Product: "SHAW'S STARTER FERTILIZER WITH CRABGRASS CONTROL
350 TURPERSAN".
EPA Req. No.: 8378-63

SUBJECT: NOTIFICATION FOR THE FOLOWING:

1. Add copy to the basic registered label to conform to PR NOTICES 2001-1; by adding "OR CLOTHING to the FIRST AID section in "IF ON SKIN: TO read: "IF ON SKIN OR CLOTHING".
2. Add copy in conformance to PR NOTICE 2001-6 as hi-lited. which is Storage Disposal copy.

Dear Dr. Tompkins:

This is a NOTIFICATION to add PR NOTICE conforming copy as listed above.

Please place this information as a permanent portion of the file for the product. Thank you.

continued on page of 2.

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DR. JIM TOMPKINS PM-25 NOTIFICATION EPA Reg. No. 8378-63

-----CERTIFICATION FOR NOTIFICATION-----

"This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 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 wilfully make any false statement to EPA, I further understand that if this notification is not consistent with the terms of PR Notice 98-10 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,"

If possible Please stamp ACCEPTED on one copy of this basic label and return for our further use. Thank you.

NOTIFICATION

AUG 30 2002

Sincerely H. R. MCLANE, INC.



H. R. McLane, Authorized Agent for
Roger L. Henderson; Vice Pres. KNOX FERTILIZER CO.
HRM/nb/PH.D; ENCL:as above. cc/RLH/KFCI

SHAW'S STARTER FERTILIZER with CRABGRASS CONTROL 350 TUPERSAN®

Label copy 1 of 2 ^{4/5}

EPA Reg. No. 8378-63 EPA Est. No. 8378-IN-1
Contains TUPERSAN® the "seed safe" PRE-
EMERGENCE HERBICIDE with with Starter fertilizer.



Crabgrass

NOTIFICATION NOTIFICATION

AUG 30 2002

NOTIFICATION

MAY BE USED ON SEEDED LAWNS AS LISTED.

Greens & Thickens The Lawn

ACTIVE INGREDIENT:

Siduron* 3.5%
OTHER INGREDIENTS 96.5%
*CAS [1982-49-6] Total 100.0%

Tupersan® is a Reg. T.M. of the Gowan Company
U.S. Patent No. 3,309,192

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Net Weight 17; 34; 50 Pounds

WHERE TO USE

For use on newly seeded or established plantings of the following grasses: Kentucky Bluegrass - Fescues, (tall and turf types), Redtop, Perennial Ryegrass, Zoysiagrass, Smooth Brome, Orchardgrass, Reed Canarygrass, and Certain Bentgrass strains as follows; Penncross, Seaside, Highland, Astoria, Nimisila, C1, C7, and C-19. Do not use on OTHER Bentgrass since INJURY MAY OCCUR!

Do not use on BERMUDAGRASS OR DICHONDRA LAWNS. This product will not control POA ANNUA. (annual bluegrass), and it will not control established, growing, weeds.

**HOW MUCH, WHERE, and WHEN TO USE
FOR NEWLY SEEDED LAWNS, PARKS, GOLF COURSES**

For a single application Apply as the final operation after seeding in the spring and 2 weeks prior to weed seed germination. apply 2 to 6 lbs. a.i. per acre equal to 1.3 to 3.9 lbs. of this product per 1,000 sq.ft.
For a split application Apply first as the final operation after seeding in the spring and 2 weeks prior to weed seed germination. First apply 3 to 6 lbs. a.i. per acre equal to 1.97 to 3.9 lbs. per 1,000 sq.ft. For the second (or split) application follow in 4 weeks with an application of 2 to 3 lbs. a.i. per acre equal to 1.3 to 1.97 lbs. per 1,000 sq.ft. . . Follow good cultural practices of keeping area moist to help grass seed germinate and to activate the pre-emergent herbicide. See section on Application Schedual and RAINFALL or IRRIGATION on this label.

FOR ESTABLISHED LAWNS, PARKS, GOLF COURSES

make a single application in the spring established turf or on turgrass with fall plantings prior to the expected germination of annual weed seed grasses. Apply 8 to 12 lbs. of a.i. per acre equal to 5.25 lbs. to 7.9 lbs. of this product per 1,000 sq.ft. The spring appoication timing will vary from early February in the South to March in the north. Follow the application with a thorough watering (1/4 to 1/2 inch) to activate the herbicide.

HOW TO APPLY

To insure best weed control and proper fertilization the lawn should be free of leaves, grass clippings or thatch which might interfere with the pre-emergence action of the herbicide. Complete all cultural practices such as aerification before application. Apply with a properly calibrated Fertilizer Spreader. If it does not rain within 3 days after application, irrigate the area thoroughly with 1/4 to 1/2 inch of water to get desired results.

APPLICATION CHART

NECESSARY TIMES TO APPLY FOR ANNUAL WEED SEED CONTROL
JAN. FEB. MAR. APR. MAY JUNE JULY AUG. SEPT. OCT. NOV. DEC.

1. Northern Lawns

1.//

2. Southern Lawns

2.//

1. Northern lawns: For Crabgrass, Foxtail, & other listed Grassy Weeds.
2. Southern lawns: Weeds germinate earlier in the Southern States. Apply earlier For Crabgrass, Foxtail, & other listed Weeds.

SPREADER SETTINGS

Apply this product with drop or rotary-type spreaders designed to accurately apply granular herbicides. Before application, check the spreader calibration according to the equipment manufacturer's manual. Make sure that the spreader delivers the exact application rate chosen from the recommendations in Table #1 on this label. Do not apply otherwise.

SPREADER SETTINGS for the	POUND RATES PER 1,000 SQ.FT.				
SPREADER MAKE	1.3 lbs.	1.97 lbs.	3.9 lbs.	5.25 lbs.	7.9 lbs.
SCOTT "DROP TYPE" Xx	Xx	Xx	Xx	Xx	Xx
CYCLONE B-1	XX	XX	XX	XX	XX

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 OR CLOTHING - 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.

See additional Precautionary Statements on this label.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. May irritate eyes, nose, throat and skin. Avoid breathing dust. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling and before eating or smoking. Do not contaminate feed or foodstuffs. Do not use on turf to be used for feed or food purposes.

Personal Protective Equipment (PPE)

All applicators must wear :

- Long sleeved shirt and long pants.
- Shoes plus socks.

ENVIRONMENTAL HAZARDS

Do not contaminate water by cleaning of equipment or disposal of wastes. This product is toxic to fish. Do not apply to any body of water. Do not apply where run-off is likely to occur. Do not apply when weather favors drift from treated areas.

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 plants being grown for sale or other commercial use, 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. 08-15-02

KNOX FERTILIZER COMPANY
P.O. BOX 248 KNOX IN 46534

SHAW'S STARTER FERTILIZER with CRABGRASS CONTROL 350 TUPERSAN!

Label copy 2 of 2 ^{5/5}

When used as Directed this product Will Not Harm Your Desirable Lawn Grass Seeds as listed on this product label ... Yet Kills Annual Weed Grasses Such As Smooth and Hairy Crabgrass - - Foxtail Weed Grasses - and Barnyardgrass (Watergrass) .

FOR USE ON HOME LAWNS, GOLF COURSES, PARKS, ROADSIDES, ATHLETIC FIELDS ALL ORNAMENTAL AND RECREATIONAL TURFGRASS Contains a premium Lawn Food. This Herbicide is Not For Use on Bermudagrass or Dichondra lawns.

RESEEDING THE TREATED AREAS.

This product may be applied to the soil at the same time as sowing grass seed. When used as directed on listed turf-grasses this product will not effect the germination of those desirable seedling grasses.

WEEDS CONTROLLED WITH THIS PRODUCT Annual Weed Grasses such as:

- Crabgrass (smooth, large, hairy),**
- Foxtail (green, yellow and giant),**
- Downy Bromegrass,**
- Barnyardgrass**
- Orchardgrass.**
- "watergrass"**

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N) - - - - - variable%
 Nitrate Nitrogen variable%
 Ammoniacal Nitrogen variable%
 Water Soluble Nitrogen variable%
 (and/or Urea Nitrogen)
 Water Insoluble Nitrogen variable%
 Available Phosphoric Acid (P₂O₅) - - - variable%
 Soluble Potash (K₂O) - - - - - variable%
 Chlorine not more than variable%
 Derived from Sulfate of Ammonia, Ammonium Phosphate, Muriate of Potash, Sulphate-Potash-Magnesium. Potential Acidity: Equivalent to ___ lbs. of Calcium Carbonate / ton.
Statement of Secondary Plant Foods
 Total Magnesium as Mg - 1.20%; Iron as Fe - 1.00%; Water Soluble Magnesium Mg - 1.20%; Zinc as Zn - 0.05% Manganese as Mn - 0.50%; Boron as B 0.02% Copper as Cu - 0.02%; Molybdenum as Mo - 0.002% Derived from: Manganese Sulphate, Iron Oxide, Manganese Oxide, Copper Oxide, Zinc Oxide, Borax, Sodium Molybdate. 08-15-02.

CONDITIONS OF SALE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened container at once. By using this product, user and buyer accept the following Conditions, Disclaimer of Warranties and Limitations of Liability.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However it is impossible eliminate all risks associated with the use of this product. Injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Knox Fertilizer Co. Inc.

All such risks shall be assumed by the user or buyer. **Disclaimer of Warranties:** There are no warranties express or implied, of merchantability or of fitness for a particular purpose or otherwise, which extend beyond the statements made on this label. No agent of Knox Fertilizer Co. Inc. is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. Knox Fertilizer Co. Inc. disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product.

LIMITATION OF WARRANTIES: The exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract warranty, tort, negligence, , strict liability or otherwise , shall not exceed the purchase price, or at Knox Fertilizer Co. Inc. option , the replacement of the product.

APPLICATION SCHEDULE and RAIN FALL or IRRIGATION

This product may be applied to the turf before emergence of weeds and will control susceptible weed seedlings for an extended period. At seeding, preemergent applications of this product can be made after planting and before the emergence of grass seedlings. Soil adsorption of this herbicide increases with higher organic matter and higher clay contents. Soils with high organic matter levels require higher dosage rates than soils with low organic matter for equal performance. Also soil textures with high clay content require higher dosage rates than soil textures with low clay content for equal performance. Water is required to activate the herbicide following pre-emergent applications to the soil. Rainfall or irrigation (1/2 to 1 inch) must be provided within three days to optimize the weed control. See sequential application method & rates.

APPLICATIONS RATES			
GOLF COURSES, LAWNS, PARKS, AND ORNAMENTAL TURF			
Turfgrasses Species	Application Schedule	Golf courses lbs. of product per 1,000 sq.ft. = lbs. a.i. / Acre	Lawns-Parks-Ornamental turf lbs. of product per 1,000 sq.ft. = lbs. a.i. / Acre
Cool Season Grasses Bentgrass (Creeping) Bentgrass (Colonial) Fescue, (Tall and Turf) Kentucky Bluegrass Perennial Ryegrass Mixtures of Kentucky Bluegrass, Perennial Ryegrass and Fescues			
At Seeding	Single	1.3# to 3.9# prod. = 2# to 6# a.i./A	1.3# to 3.9# prod. = 2# to 6# a.i./A
	Sequential application apply second application 4 weeks after first app	1.97# to 3.9# prod. = 3# to 6# a.i./A plus the following second application rates in 4 weeks 1.3# to 1.97# prod. = 2# to 3# a.i./A	1.37# to 3.9# prod. = 3# to 6# a.i./A = 1.3# to 1.97# prod. = 2# to 3# a.i./A
Fall Plantings Established Turf	Single	5.25# to 7.9# prod. = 8# to 12# a.i./A	5.25# to 7.9# prod. = 8# to 12# a.i./A

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