

8378-64

8-30-2002

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0080



United States Environmental Protection Agency Washington, DC 20460

<input checked="" type="checkbox"/> Registration
<input type="checkbox"/> Amendment
<input type="checkbox"/> Other

OPP Identifier Number 281556

Application for Pesticide - Section I NOTIFICATION

1. Company/Product Number 8378-64	2. EPA Product Manager Dr. James Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) SHAW'S TUPERSAN 470 GRANULES	PM# PM-25	OPP ID #281556
5. Name and Address of Applicant (Include ZIP Code) KNOX FERTILIZER CO. 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

<input type="checkbox"/> Amendment - Explain below.	<input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated JAN 8, 2002
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below. NOTIFICATION	<input type="checkbox"/> 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 label copy in compliance with PR NOTICE 2001-1 AND PR NOPTICE 2001-6 AS HI-LITED ON THE LABEL.
- > With this Notification we submit a FINAL LABEL for the file.

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 checked="" type="checkbox"/> Paper -----> 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 checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 10#; 20#; 40#; 50# 1,000# 2,000#		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 Litho/Printed		<input checked="" type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled				

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 Agent 305 661 1706 Knox Fert. Co.	Telephone No. (Include Area Code) 574 772 6275
2. Signature <i>H.R. McLane</i>		3. Title Authorized Agent
4. Typed Name ROGER L. HENDERSON, VICE PRESIDENT		5. Date 08-25-02
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 of both under applicable law.		6. Date Application • Received • (Stamped)

SHAW'S TUPERSAN® 470 GRANULES

Label copy 1 of 2

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EPA Reg. No. 8378-64 EPA Est. No. 8378-IN-1

Contains TUPERSAN®

PRE-EMERGENCE HERBICIDE GRANULES

MAY BE USED ON newly SEEDED LAWNS.

PARKS, and GOLF COURSE grasses AS LISTED.

ACTIVE INGREDIENT:

Siduron* 4.7%
 OTHER INGREDIENTS 95.3%
 *CAS [1982-49-6] Total 100.0%

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

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

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.

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 turfgrass being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For personal hygiene when applying this product, wear clothing such as Long sleeved shirt, long pants, and shoes plus socks.

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 this bag. Place 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)

Net Weight (20; 10; 20; 40; 50) Pounds
KNOX FERTILIZER COMPANY
 P.O. BOX 248 KNOX IN 46534

NOTIFICATION

AUG 30 2002



Crabgrass

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, Zoysia-grass, 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 DICHON-DRA LAWNS. This product will not control POA ANNUA. (annual bluegrass), and it will not control established, growing, weeds. See section "KNOW YOUR TYPE OF SOIL".

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 to 3 lbs. of this product per 1,000 sq.ft.

For a split application Apply the first application as the final operation after seeding in the spring and 2 weeks prior to weed seed germination. Apply 3 to 6 lbs. a.i. per acre equal to 1.5 lbs. to 3 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 to 1.5 lbs. per 1,000 sq.ft. Follow good cultural practices of keeping the area moist to help grass seed germinate and to activate the pre-emergent herbicide.

See the section on Application Schedule and RAINFALL or IRRIGATION on this label.

FOR ESTABLISHED LAWNS, PARKS, GOLF COURSES

make a single application to established turf or to turfgrass which has received fall seeding. Apply in the spring prior to the expected germination of annual weed seed grasses. Apply; 8 to 12 lbs. of a.i. per acre equal to 4 lbs. to 5.9 lbs. of this product per 1,000 sq.ft.

Spring application 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. Follow the watering in procedure after application. **IMPORTANT:** See section on Know Your Type of Soil.

APPLICATION TIMING CHART ////////////////

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

1. Northern Lawns
 _____ 1.////////// (Last of March to middle of May)

2. Southern Lawns
 2.////////// (Mid February to middle of May)

1. Northern lawns: For Crabgrass, Foxtail, & other listed Grassy Weeds.
 2. Southern lawns: Weeds germinate earlier in the Southern States. Apply earlier (as above) 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. **OTHER WISE DO NOT APPLY.**

SPREADER SETTINGS for the POUND RATE'S PER 1,000 SQ. FT.					
SPREADER MAKE	1 lbs.	1.50 lbs.	3 lbs.	4 lbs.	5.9 lbs.
SCOTT "DROP TYPE"	Xx	Xx	Xx	Xx	Xx
CYCLONE B-1	XX	XX	XX	XX	XX

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 and ALL ORNAMENTAL AND RECREATIONAL TURFGRASS.

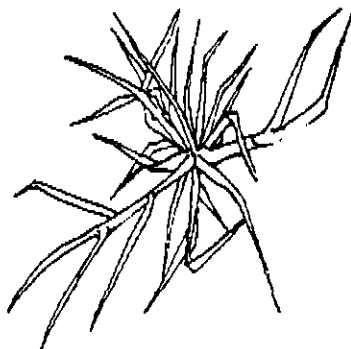
NOT FOR USE ON Bermudagrass or Dichondra lawns.

RESEEDING THE TREATED AREAS.

This product may be applied to the soil at the same time as sowing the listed varieties of grass seeds or the listed varieties of grass seed may be sown after the product has been applied. When used as directed on listed the turfgrasses this product will not affect the germination of those desirable grass seeds.

WEEDS CONTROLLED WITH THIS PRODUCT Annual Weed Grasses such as:

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



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

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.

KNOW YOUR TYPE OF SOIL: CLAY? SANDY? ORGANIC? DIFFERENT TYPES OF SOIL MAY REQUIRE AN ADJUSTED RATE Soil adsorption of this herbicide increases with higher organic matter or higher clay contents. Soils with high organic matter levels require higher dosage rates than soils with low organic matter and also soil textures with high clay content require higher usage rates than soil textures with low clay content for equal performance.

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. Preemergent applications of this product can be made after sowing seed and before the emergence of grass seedlings. Water is required to activate the herbicide following these applications. Either Rainfall or irrigation (1/2 inch) must be provided within three days to optimize the weed control. See the Split application for newly seeded lawns in TABLE #1.

TABLE #1 APPLICATIONS RATES FOR LAWNS, GOLF COURSES, PARKS, AND ORNAMENTAL TURFGRASSES Tolerant Turfgrass Species

Bentgrass (Creeping), Bentgrass Colonial), Fescue; (Tall and Turf Type), Kentucky Bluegrass, Perennial Ryegrass, Mixtures of Kentucky Bluegrass, Perennial Ryegrass and Fescues.....

when to apply	Application Schedule	Pounds of product to apply / 1,000 sq. ft. equal to pounds of a. i. per Acre
For use in the spring at the time of sowing seed, use these rates and methods	A Single application	1 # to 3 # of product per 1,000 sq. ft. equal to 2 # to 5 # a.i. per Acre
	A Split application Apply second application four weeks after the first one.	1.5 # to 3 # product per 1,000 sq. ft. equal to 3 # to 6 # a.i. per Acre Use the following rates for second application in 4 weeks 1 # to 1.5 # product per 1,000 sq. ft. equal to 2 # to 3 # a.i. per Acre
Fall Seeding and Established lawns	Apply a Single application	4 # to 5.9 # product per 1,000 sq. ft. equal to 8 # to 12 # a.i. per Acre

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H. R. McLane, Inc.

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Phone 305 661 1706 - Fax 305 661 3036 - E-Mail <hrmclane@bellsouth.net>
Chemical Consultants in EPA Regulatory Affairs
FIFRA Licensing & Registrations - Since 1956

AUG 15, 2002

Dr. James A. Tompkins PM-25
Document Processing Desk (NOTIF)
Office Of Pesticide Programs (7505C)
Environmental Protection Agency
Ariel Rios Building
1200 Pennsylvania Ave. N.W.
Washington D. C. 20460

OPP ID No. 281556

Registrant: KNOX FERTILIZER COMPANY, INC.- EPA EST. NO. 8378.
P.O. BOX 248 - KNOX, IND 46534
-----> Subject: NOTIFICATION with FINAL LABEL AND Certified Revised
Copy for First Aid and Storage & Disposal.
Product: "SHAW'S TUPERSAN 470 GRANULES
EPA File Sym: 8378-64_

Dear Dr. Tompkins:

Enclosed you will find the following information to process this NOTIFICATION for final label and revised First Aid and Storage & Disposal Statements.

1. We have added the words "OR CLOTHING" to the First Aid section: "IF ON SKIN" to read; "IF ON SKIN OR CLOTHING", to copy with PR NOTICE 2001-1. Hi-Lited on the label.

2. We have revised the Storage & Disposal Section to comply with PR NOTICE #2001-6 as hi-lited on the label.

-----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.

Sincerely
H. R. McLane, INC.

H. R. McLane, Authorized Agent for
Robert C. Shaw, President; KNOX FERTILIZER CO., INC.

HRM/nb/ENCL: as above. cc/RCS/KFCI