

8378-64

04-09-2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Mr. Robert F. Bischoff
Agent for Knox Fertilizer Company, Inc
C/O Total Turf Consulting LLC
26 A. A Cooper Rd
Meigs, GA 31765

APR 9 2010

Subject: Label Notification(s) for Pesticide Registration Notice 2007-1

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-1 dated March 23, 2010 for:

EPA Registration 8378-64 Shaw's Tupersan 470 Granules

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-1 and finds that the label change(s) requested falls within the scope of PRN-2007-1. The label has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable containers. The code may appear either on the label (and can be added by non-notification/PR Notice 98-10) or durably marked on the container itself.

If you have any questions, please contact me directly at 703-305-6249 or Banza Djapao of my staff at 703-305-7269.

Sincerely,

A handwritten signature in black ink, appearing to read "Linda Arrington".

Linda Arrington
Notifications & Minor Formulations Team Leader
Registration Division (7505P)
Office of Pesticide Programs



United States Environmental Protection Agency Washington, DC 20460

Registration [] Amendment [] Other [x]

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number: 8378-64
2. EPA Product Manager: Jim Tompkins
3. Proposed Classification: [x] None [] Restricted
4. Company/Product (Name): Shaw's Tupersan 470 Granules
5. Name and Address of Applicant: Knox Fertilizer Company, Inc.
6. Expedited Review: N/A

Section - II

Amendment - Explain below. []
Resubmission in response to Agency letter dated []
Notification - Explain below. [x]
Final printed labels in response to Agency letter dated []
'Me Too' Application. []
Other - Explain below. []
NOTIFICATION APR 9 - 2010

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

Notification of label change relative to PR Notice 2007-1. This notification is consistent with the guidance in PR Notice 2007-1 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.

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging [x] No, Unit Packaging [x] No, Water Soluble Packaging [x] No, 2. Type of Container [x] Plastic, 3. Location of Net Contents Information [x] Label, 4. Size(s) Retail Container: 10; 20; 40; 50 lbs, 5. Location of Label Directions [x] on label, 6. Manner in Which Label is Affixed to Product [x] Lithograph Paper glued

Section - IV

1. Contact Point: Robert F. Bischoff, Agent, TotalTurf Consulting LLC, Telephone No. (317) 873-0222
Certification: I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete.
2. Signature: Robert F. Bischoff
3. Title: Agent, TotalTurf Consulting LLC
4. Typed Name: Robert F. Bischoff
5. Date: March 23, 2010
6. Date Application Received (Stamped)

Shaw's® Tupersan® 470 Granules

Pre-emergent Herbicide Granules

May be used on newly seeded lawns, parks, and golf course grasses as listed.

ACTIVE INGREDIENT:

Siduron* 4.70%

OTHER INGREDIENTS: 95.30%

Total 100.00%

*CAS [1982-49-6]

Tupersan is a registered trademark of Gowan Company. Original U.S. Patent No. 3,309,192

Shaw's is a registered trademark of Knox Fertilizer Company, Inc.

NOTIFICATION
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EPA REG. NO. 8378-64

EPA EST. NO. 8378-IN-1

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 15-20 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.

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

Do not contaminate water, foodstuffs, feed, or seed by storage or disposal.

PESTICIDE STORAGE: Store this product in its original container in a cool, dry, secured area.

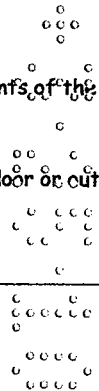
PESTICIDE DISPOSAL: As a responsible environmental practice, where possible, it is recommended that all of the contents of the bag be used, carefully following label directions and precautions.

IF EMPTY: Do not reuse this bag. Place in trash or offer for recycling if available.

IF PARTLY FILLED: ~~Call your local solid waste agency 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 PESTICIDE DISPOSAL directions listed above.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container, offer for recycling if available.



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WHERE TO USE

For use on newly seeded or established plantings of the following grasses: Kentucky Bluegrass - Fescues (tall & turf types), Redtop, Perennial Ryegrass, Zoysiagrass, Smooth Brome, Orchardgrass, Reed Canarygrass, and Certain Bentgrass strains as follows: Penncross, Seaside, Highland, Astoria, Nimisia, 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. 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 two weeks prior to weed seed germination. Apply 2 to 6 lbs. AI 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. AI 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. AI 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 AI 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 ($\frac{1}{4}$ to $\frac{1}{2}$ 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

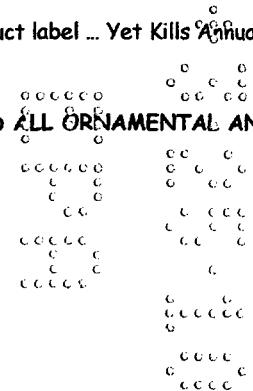
Apply this product with a drop or rotary-type spreader designed to accurately apply granular herbicides. Before application, check the spreader calibration according to the equipment manufacturer's manual. Make sure that the spreader delivers the exact application rate chosen from the recommendations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

Spreader Setting for the	Pounds Rate per 1,000 sq. ft.				
	1 lb.	1.5 lbs.	3 lbs.	4 lbs.	5.9 lbs.
Scott "Drop Type"	X	X	X	X	X
Cyclone B-1	X	X	x	X	X

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 the listed 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, and Orchardgrass.

**KNOW YOUR TYPE OF SOIL: CLAY? SANDY? ORGANIC?
 DIFFERENT TYPES OF SOIL MAY REQUIRE AN ADJUSTED RATE**

Soil absorption 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 soil textures with high clay content require higher usage rates than soil textures with low clay content for equal performance.

APPLICATION SCHEDULE and RAINFALL or IRRIGATION

This product may be applied to the turf before emergence of weeds and will control susceptible weed seedlings for an extended period. Pre-emergent 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 APPLICATION 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, <u>Mixtures</u> of Kentucky Bluegrass, Perennial Ryegrass and Fescues		
When to apply	Application schedule	Pounds of product to apply / 1,000 sq. ft. equals to pounds of AI 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 6 # AI 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 # AI per Acre
		Use the following rates for the second application in 4 weeks 1 # to 1.5 # product per 1,000 sq. ft. equal to 2 # to 3 # AI 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 # AI per Acre

CONDITIONS OF SALE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitations 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 to 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 Company, 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 Company, 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 Company, Inc. option, the replacement of the product.

Knox Fertilizer Company, Inc.
 PO Box 248
 Knox, Indiana 46534
 Net Weight XX lbs.

Batch No.

