

8378-63

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 8378-63 Shaw's Starter Fertilizer with Crabgrass Control 350 Tupersan

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

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

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 8378- 63	2. EPA Product Manager Jim Tompkins	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Shaw's Starter Fertilizer With Crabgrass Control 350Tupersan	PM# 25	
5. Name and Address of Applicant (Include ZIP Code) Knox Fertilizer Company, Inc. 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. <u>N/A</u> Product Name <u>N/A</u>	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<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.

NOTIFICATION

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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. 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 2007-1 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:				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	<input checked="" type="checkbox"/> Plastic
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container	<input type="checkbox"/> Glass	<input checked="" type="checkbox"/> Paper
				<input type="checkbox"/> Other (Specify) _____	
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 20; 34; 40; 50 lbs		5. Location of Label Directions <input checked="" type="checkbox"/> on label	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued <input type="checkbox"/> Stenciled			<input checked="" 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
2. Signature 		3. Title Agent, TotalTurf Consulting LLC
4. Typed Name Robert F. Bischoff		5. Date March 23, 2010
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 both under applicable law.		6. Date Application Received (Stamped)

TotalTurf Consulting LLC
26 A. A. Cooper Rd.
Meigs, GA 31765

Direct: 843-384-2807
Fax: 229-683-3426

E-Mail: rbcooper@juno.com

March 23, 2010

Document Processing Desk (NOTIF)
Office of Pesticide Programs (7505P)
U. S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 South Crystal Drive
Arlington, VA 22202-4501

Attn: Linda Arrington

Subject: Shaw's Starter Fertilizer With Crabgrass Control 350 Tupersan
EPA Reg. No. 8378-63
Notification per PR Notice 2007-1
Removal of Toll Free Number from the Disposal Instructions Section

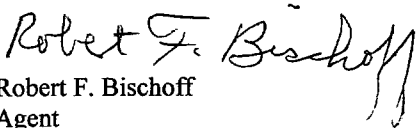
As allowed by PR Notice 2007-1 (Section II.C.3.), the subject product label has been revised to show the removal of the statement "or 1-800-CLEANUP" from the Disposal Instructions Section. The revised label is being submitted by notification on behalf of Knox Fertilizer Company, P. O. Box 248, Knox, IN 46534 by TotalTurf Consulting LLC, an authorized agent for Knox Fertilizer Company.

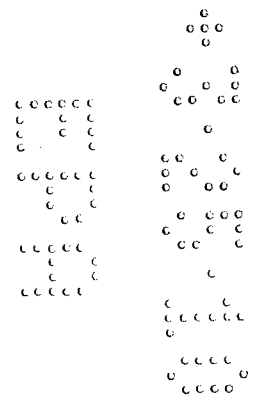
The following documents are included in the subject submission:

- Cover Letter
- Application for Pesticide (EPA Form No. 8570-1)
- One Copy of Highlighted Final Printed Label (Coded as 20100323.Final Label (PRN2007-1))

If there are any questions or additional information is needed concerning this submission, do not hesitate to contact me at (317) 873-0222 or Raymond B. Cooper at (843) 384-2807.

Sincerely,


 Robert F. Bischoff
 Agent
 TotalTurf Consulting LLC
 26 A. A. Cooper Road
 Meigs, GA 31765



Shaw's® Starter Fertilizer With Crabgrass Control 350 Tupersan®

Contains TUPERSAN® the "seed safe" PRE-EMERGENCE HERBICIDE with Starter Fertilizer

May be used on newly seeded lawns as listed.
Greens & Thickens the Lawn

NOTIFICATION

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ACTIVE INGREDIENT:

Siduron* 3.5%

OTHER INGREDIENTS: 96.5%

Total 100.0%

*CAS [1982-49-6]

EPA Reg. No. 8378-63

EPA Est. No. 8378-IN-1

Shaw® is a registered trademark of Knox Fertilizer Company, Inc. Tupersan® is a registered trademark of the Gowan Company.
U. S. Patent No. 3,309,192

Guaranteed Fertilizer Analysis

Total Nitrogen (N) XX%

XX% Ammoniacal Nitrogen

XX% Urea Nitrogen

Available Phosphate (P2O5) XX%

Soluble Potash (K2O) XX%

Primary plant foods derived from: Urea, Ammoniated phosphate, and Muriate of potash

Chlorine (Cl), not more than XX%

**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.

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

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

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

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, Nimislia, 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 two weeks prior to weed seed germination. Apply 2 to 6 lbs. AI 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. AI 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. AI per acre equal to 1.3 to 1.97 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.

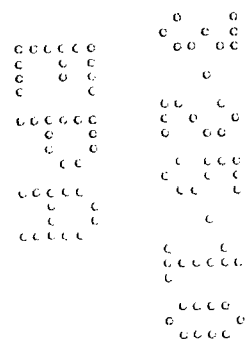
FOR ESTABLISHED LAWNS, PARKS, GOLF COURSES

Make a single application in the spring on established turf or on turfgrass with fall plantings prior to the expected germination of annual weed seed grasses. Apply 8 to 12 lbs. of AI per acre equal to 5.25 lbs. to 7.9 lbs. of this product per 1,000 sq. ft. The 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. If it does not rain within 3 days after application, irrigate the area thoroughly with $\frac{1}{4}$ to $\frac{1}{2}$ inch of water to get desired results.

APPLICATION TIMING 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. // (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. Do not apply otherwise.

Spreader Setting for the	Pounds 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"	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. 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 turfgrasses this product will not affect 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, and Orchardgrass.

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. AT seeding, pre-emergent 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 soil 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 1inch) must be provided within three days to optimize the weed control. See sequential application method & rates.

APPLICATION RATES GOLF COURSES, LAWNS, PARKS, AND ORNAMENTAL TURF			
Turfgrasses	Application schedule	Golf Courses	Lawns- Parks-Ornamental turf
Species		Lbs. of product per 1,000 sq. ft. = lbs. of AI/Acre	Lbs. of product per 1,000 sq. ft. = lbs. AI/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 # of product	1.3 # to 3.9 # of product
		= 2 # to 6 # AI/ Acre	= 2 # to 6 # AI/Acre
	Sequential application Apply second application 4 weeks after first application.	1.97 # to 3.9 # product	1.97 # to 3.9 # product
		= 3 # to 6 # AI/Acre	= 3 # to 6 # AI/Acre
		Plus the following second application rates in 4 weeks	Plus the following second application rates in 4 weeks
		1.3 # to 1.97 # product	1.3 # to 1.97 # product
		= 2 # to 3 # AI/Acre	
Fall Plantings Established Turf	Single	5.25 # to 7.9 # product = 8 # to 12 # AI /Acre	5.25 # to 7.9 # product = 8 # to 12 # AI/Acre

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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 17; 34; 50 lbs.

Batch No.

