



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

DEC 16 2008

Subject: Label Notification(s) for Pesticide Registration Notice 2007-4

Dear Registrant:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated October 14, 2008 for:

**EPA Registration 8378-45 Shaw's X-X-X Fertilizer Plus Preemergent Weed Control**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. 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

OPP Identifier Number

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**Application for Pesticide - Section I**

1. Company/Product Number 8378-45	2. EPA Product Manager Joanne I. Miller	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Shaw's X-X-X Fertilizer Plus Preemergent Weed Control	PM# 23	
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>	

**NOTIFICATION****DEC 16 2008****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.

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

Notification of label change per PR Notice 2007-4. This notification is consistent with the guidance in PR Notice 2007-4 and the requirements of EPA's regulations at 40 CFR Parts 156.10, 156.140, 156.144, 156.146, and 156.156. No other changes have been made to the labeling or the Confidential Statement of Formula for 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 the amended label is not consistent with the requirements of 40 CFR Parts 156.10, 156.140, 156.144, 156.146, and 156.156, 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 checked="" type="checkbox"/> Metal	
* Certification must be submitted				<input checked="" type="checkbox"/> Plastic	
If "Yes" Unit Packaging wgt.	No. per container	If "Yes" Package wgt.	No. per container	<input checked="" type="checkbox"/> Glass	
				<input 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 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 <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 Robert F. Bischoff		Title Agent, TotalTurf Consulting LLC	
		Telephone No. (Include Area Code) (317) 873-0222	
<b>Certification</b> 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.			6. Date Application Received (Stamped)
2. Signature 		3. Title Agent, TotalTurf Consulting LLC	
4. Typed Name Robert F. Bischoff		5. Date October 14, 2008	

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**E-Mail: [rbcooper@juno.com](mailto:rbcooper@juno.com)**

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

DEC 16 2008

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# Shaw's X-X-X Fertilizer Plus Preemergent Weed Control

Preemergent Control of Crabgrass, Chickweed, Foxtail, Goosegrass, Knotweed, Oxalis, Poa Annua, and Spurge on Home Lawns.  
Supplies quick greening and extended feeding.

## ACTIVE INGREDIENT:

Pendimethalin, N-(1-Ethylpropyl)-3,4-dimethyl-2,6-dinitrobenzenamine..... 1.79%

INERT INGREDIENTS: ..... 98.21%  
100.00%

EPA REG. NO. 8378-45

EPA EST. NO. 8378-IN-1

KEEP OUT OF REACH OF CHILDREN

## CAUTION

### FIRST AID

**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 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 SWALLOWED:** Call a poison control center or doctor immediately for treatment advice. Have a 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 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 side Panel for additional precautionary statements

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS and DOMESTIC ANIMALS

**CAUTION:** Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after handling. May be harmful if swallowed. Avoid inhalation.

**PERSONAL PROTECTIVE EQUIPMENT:** Users must wear long-sleeved shirt and long pants and shoes plus socks and chemical-resistant gloves made of any waterproof material.

**USER SAFETY RECOMMENDATIONS:** Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Do not enter or allow others to enter the treated area until dusts have settled. Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent areas. Do not contaminate water when disposing of equipment washwaters. In case of spills, sweep up and use per label instructions or dispose of as directed.

## 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 turf grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

### Use Restrictions:

Do not apply this product in a way that will contact any person or pet, either directly or through drift. Keep people and pets out of the area during application. Do not apply more than 2 pounds of AI per acre per year for residential uses. Do not feed clippings to livestock. Do not graze treated areas. Do not apply this product through any type of irrigation system. Do not apply aerially.

## STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store product in original bag in a dry, cool, secured area. **PESTICIDE DISPOSAL:** Nonrefillable container. Do not reuse or refill this container, offer for recycling if available. As a responsible environmental practice, where possible, it is recommended that all 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 solid 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 PESTICIDE DISPOSAL directions listed above.

This product is a turf fertilizer and a selective preemergence herbicide for use on established turfgrass including Kentucky Bluegrass, Perennial Ryegrass, Fine Fescue, Tall Fescue, Bentgrass and Poa Annua (except putting greens and tees), Bermudagrass (non "winter-overseeded"), St. Augustinegrass, Bahiagrass, Zoysiagrass, Centipedegrass and blends of these grasses. Refer to label section entitled "Bermudagrass, Bentgrass and Poa Annua Precautions".

## WEEDS CONTROLLED

When used at the recommended rates (See Turf Species and Rate Table) this product will prevent sprouting of the following grassy and dicot weeds and provides a nitrogen feeding.

### Grassy Weeds

Poa Annua  
Barnyardgrass  
Crabgrass-(Large, Smooth)  
Foxtail-(Yellow, Green)  
Goosegrass  
Fall panicum

### Dicot Weeds

Common Chickweed  
Knotweed  
Oxalis  
Prostrate Spurge

To prevent Goosegrass, Crabgrass, Foxtail, Barnyardgrass, Fall panicum, Oxalis, Knotweed, Prostrate Spurge, apply in the spring before they sprout. To prevent Poa Annua and fall germinating chickweed, apply product to dry foliage in late summer or early fall before seeds germinate. Repeat application yearly for continued control.

## ESTABLISHED TURF

When applied prior to germination of weeds this product will control weeds listed in WEEDS CONTROLLED section, in established Northern and Southern turf.

### NORTHERN Cool Season GRASSES

Apply 1.3 to 2.2 lbs. per 1,000-sq. ft. prior to germination of weeds. (equiv. to 1.0 to 1.75 lbs. of Active Ingredient/acre). Do not apply to the same area more than twice per year.

### SOUTHERN Warm Season GRASSES

Apply 1.3 to 2.6 lbs. per 1,000-sq. ft. prior to germination of weeds. (equiv. To 1.0 to 2.0 lbs. of Active Ingredient/acre). Do not apply to the same area more than twice per year.

Where light weed infestations are expected, the lower rates may be used. For extended weed control, repeat application is recommended. For best results, water after all application (1/4 to 1.2 inch) to remove the granules from the foliage and to move the product to the soil surface for an effective chemical herbicide barrier. Do not destroy the chemical barrier created at the soil surface by raking or aerifying the turf after applying this product.

## PRECAUTIONS IN USING

Do not use on Bentgrass and Poa Annua putting greens and tees, or on dichondra. Where Bentgrass and Bentgrass-containing turf and Poa Annua are desired species, a lower rate application only is recommended. On Cool Season Turfgrass avoid application when temperatures are regularly in the 80's. This product may cause discoloration and thinning where over applications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperatures-below 40 degrees F, scalping, and excessive soil moisture).

## BERMUDAGRASS, BENTGRASS AND POA ANNUA PRECAUTIONS

Do not apply to dormant Bermudagrass, Bentgrass or Poa Annua (turf that is not growing actively or has frost injury). May be applied to dormant Bermudagrass if it has been maintained at  $\frac{1}{2}$  inch or more high cut and is growing in medium fine textured soils such as clays and clay loams.

Where turf thinning or damage has occurred due to winter injury of Bermudagrass do not make an application until turf has greened up, is growing vigorously, and has filled in the dead areas. Application to Bermudagrass overseeded with cool season grass may injure and thin the overseeded variety. Do not apply to Bentgrass or Poa Annua after late summer.

#### OTHER PRECAUTIONS

Delay seeding 4 months and sprigging by 5 months after an application. For best results, the soil surface should be worked (verticut and/or etc.) to destroy any remaining chemical residue before planting. For newly planted areas, wait until the turf has been mowed up to 4 times, and is growing vigorously before application. Avoid application to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water. If metallic surfaces (golf course equipment, automobiles, etc.) are present at the application site, do not use this product under windy conditions (5 to 10 miles per hour) due to its yellow staining potential.

#### APPLICATION EQUIPMENT AND INSTRUCTIONS

##### SPREADER SETTINGS

Your used spreader may need calibrating. Since proper application is based on the spreader's condition with regard to age and use, your walking speed and the evenness of the terrain, your spreading equipment may require adjustments from the following figures. If you have reason to believe that your spreader is not calibrated correctly, test apply by placing the amount for 500 sq. ft. into your spreader and apply to your pre-measured 500 sq. ft. (5 ft. wide by 100 ft. long). The spreader settings are approximate. Different product analysis or particle size will affect bulk density and actual spreader setting needs.

Spreader Setting	Pounds per 1,000 sq. ft.					
	Spread width	1.3	1.6	1.9	2.2	2.6
Scotts R8A	7'	xx	xx	xx	xx	xx
Lesco high wheel	7'	xx	xx	xx	xx	xx
Spyker 24-22	7'	xx	xx	xx	xx	xx
Prizelawn CBR-11	7'	xx	xx	xx	xx	xx
Earthway 2400-SS	7'	xx	xx	xx	xx	xx
Vicon	5'	xx	xx	xx	xx	xx
Lely	41/2	xx	xx	xx	xx	xx

#### IMPORTANT: PLEASE READ BEFORE USE

By using this product the user accepts the following: **LIMITED WARRANTY:** Knox Fertilizer Company warrants that (a) this product conforms to the chemical description on its label; (b) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used in accordance with its directions; and (c) that the directions, warnings cautions, and other statements on this label are based upon responsible experts evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and plants, of residues on food crops, and upon reports of field experience. Testing has not been performed on all varieties of Bentgrass and Poa Annua, in all states, or under all application, weather and crop conditions. The user should exercise judgement and caution when using this product on a given variety until familiar with the performance under his growing conditions.

There are no express warranties other than those set forth herein. Knox neither makes nor intends, nor does it authorize any agent or representative to make, any other warranty, express or implied. Knox expressly excluded and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality or performance.

This warranty does not extend to, and the user shall be solely responsible for, any loss or damage which results from the use of this product in any manner which is inconsistent with this label's directions, warning or cautions.

To the extent permitted by law, user's exclusive remedy and Knox's or seller's exclusive liability for any claim, loss, damage, or injury resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort, or otherwise, shall be limited, at Knox's option, to replacement of, or repayment of the purchase price for, the quantity of product with respect to which damages are claimed. To the extent permitted by law, in no event shall Knox or Seller be liable for special, indirect, or consequential damages resulting from the use or handling of this product.

**Guaranteed Analysis**

X-X-X

Total Nitrogen (N).....	X%
0.8% Ammoniacal Nitrogen	
19.2% Urea Nitrogen*	
Available Phosphorus (P <sub>2</sub> O <sub>5</sub> ).....	X%
Soluble Potash (K <sub>2</sub> O).....	X%

\*8% Slowly available Urea Nitrogen from sulfur coated urea

Derived from: Ammoniated phosphate, urea, sulfur coated urea and muriate of potash

The product may contain several N-P-K fertilizer ratios (22-4-4, 22-2-5, 22-6-4, 19-3-5, 12-4-8, or 0-0-7) to meet the need of various geographies, varieties, and temperatures.

Distributed by: Knox Fertilizer Company, Inc.

PO Box 248

Knox, Indiana 46534

**NET WEIGHT 50 LBS. (22.7 kg.)**

**Batch No:**