



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

8378-11

Date of Issuance:

6 FEB 2009

NOTICE OF PESTICIDE:

- Registration
[x] Reregistration
(under FIFRA, as amended)

Term of Issuance:

Name of Pesticide Product:

Shaw's Professional Crabgrass Control and Fertilizer

Name and Address of Registrant (include ZIP Code):

Knox Fertilizer Company
P.O. Box 248
Knox, IN 46534

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is reregistered in accordance with FIFRA section 4(g)(2)(C) provided you:

- 1. Submit and/or cite all data required for registration/reregistration review of your product when the Agency requires all registrants of similar products to submit data.
2. A stamped copy of your labeling is enclosed for your records. Submit one copy of the revised final printed label for the record before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.
3. Make the following label revisions:
a. Per the toxicity review, the signal word currently on the label "WARNING" must be revised to read "CAUTION."
b. As specified in the acute toxicity review, a phone number for emergency medical treatment information should be added under the First Aid information.

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Signature of Approving Official:

Joanne I. Miller
Product Manager 23
Herbicide Branch
Registration Division (7505P)

Handwritten signature of Joanne I. Miller

Date:

6 FEB 2009

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- c. The Hazards to Humans and Domestic Animals must be revised to read:  
“CAUTION  
Harmful if swallowed. Harmful if inhaled. Causes moderate eye irritation. Avoid contact with eyes, skin or clothing. Avoid breathing dust. Prolonged or frequently repeated skin contact may cause allergic reaction in some individuals.”
- d. Per the acute toxicity review, the text “**wear chemical-resistant gloves made of any waterproof material**” must be added to the PPE section.
- e. Add the equivalent (lbs. of benfluralin per acre) to the broadcast application rates table.

A stamped copy of your labeling is enclosed for your records. Submit one (1) copy of the revised final printed label for the record before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

Enclosure

20061016.Proposed Label



ACCEPTED with COMMENTS in EPA Letter Dated

6 FEB 2009

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

8378-11

PROFESSIONAL CRABGRASS CONTROL AND FERTILIZER

Table with 2 columns: Ingredient Name and Percentage. Includes Active Ingredients (benfluralin, 6-dinitro-p-toluidine) and Inert Ingredients, totaling 100.00%.

EPA Establishment No. 8378-IN-1

EPA Registration No. 8378-11

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

GUARANTEED FERTILIZER ANALYSIS

Table with 2 columns: Fertilizer Component and Percentage. Includes Total Nitrogen, Ammonical Nitrogen, Urea Nitrogen, Coated Slow Release Urea Nitrogen, Available Phosphoric Acid, Soluble Potash, and Sulfur.

Primary Plant Foods derived from: Diammonium Phosphate, Urea, Muriate of Potash, Sulfur Coated Urea. Sulfur derived from Sulfur Coated Urea.

Potential Acidity: XX lbs. Calcium Carbonate Equivalent per ton.

KEEP OUT OF REACH OF CHILDREN

WARNING

First Aid

IF SWALLOWED: Call 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 do so by the poison control center or doctor. Do not give anything by mouth to an unconscious person. IF ON SKIN OR CLOTHING: Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call poison control center or doctor for treatment advice. IF INHALED: Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. call a poison control center or doctor for further treatment advice. IF IN EYES: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. Have the product container label with you when calling a poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING

Harmful if swallowed, inhaled or absorbed through skin.

Avoid breathing dust and contact with skin or clothing. The granular formulation may cause skin sensitization reactions in certain individuals.

Personal Protective Equipment (PPE)

All mixers, loaders, applicators, and other handlers must wear:

- long sleeved shirt and long pants,
- socks plus shoes.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsate. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.  
**STORAGE:** Store in original container only. In case of leak or spill, contain material and dispose as waste.  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**READ ALL DIRECTIONS CAREFULLY**

**DIRECTIONS FOR USE:** It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply when weather conditions favor runoff or drift from the target area. Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

Shaw's XX-XX-XX is a granular fertilizer containing benefin, a preemergence herbicide, which is applied to established turfgrasses for the control of the winter annual grass: annual bluegrass (*Poa annua*); and summer annual grasses: smooth and hairy crabgrass, goosegrass (silver crabgrass or crowfootgrass), banyardgrass (watergrass) and green and yellow foxtail. Turf fertilizer containing benefin controls these weeds by killing their seeds as they germinate. Apply this product before these annual weeds germinate since it does not control established weeds. This product will not harm most nearby established ornamentals.

Shaw's XX-XX-XX containing benefin can be used on the following established cool-and warm-season turfgrasses:

**Established Cool-Season Turfgrasses**

- Bentgrass fairways
- Kentucky bluegrass
- Perennial ryegrass
- Fescues

**Established Warm-Season Turfgrasses**

- Bahiagrass
- Bermudagrass
- Centipedegrass
- St. Augustinegrass
- Tall fescue
- Zoysiagrass

**General Precautions and Restrictions**

Do not apply this product to golf course putting greens, dichondra, or newly sprigged areas of bermudagrass, St. Augustinegrass, centipedegrass, or zoysiagrass. Any cultural practices that disturb the soil, such as aerification or verticutting, should be done prior to application. Except for those people involved in the watering-in, do not enter or allow other people (or pets) to enter the treated area until dusts have settled and until the watering-in is complete and the surface is dry. Do not apply this product in a way that will contact workers or other persons (or pets), either directly or through drift. Only protected handlers may be in the area during application.

**Application Directions**

**Rates and Frequency of Application:** This product should be applied one to two weeks prior to the anticipated germination of the target annual grass weeds. If application time does not coincide with the normal germination period of any of the annual grass weeds listed on this label, weed control may be erratic or poor. Optimum weed control performance will be obtained if treated areas are irrigated soon after application. This product must be watered in as soon as possible after application. Watering-in must be performed by the commercial applicator or the commercial applicator must provide the following instructions to the owner in writing: -"This product must be watered in as soon as possible.

-Do not enter or allow others (including children or pets) to enter the treated areas (except those involved in the watering) until the watering-in is complete and the surface is dry."

**Broadcast Applications Rates:**

	<b>Cool-Season Turfgrasses</b>	<b>Warm-Season Turfgrasses</b>
Summer Annual Grass Weeds	163 lb/acre (3.75 lb/1000 sq ft)	326 lb/acre (7.5 lb/1000 sq ft)
Winter Annual Grass Weeds	163 lb/acre	326 lb/acre

In areas with extended growing seasons or where desired, a second application at the recommended rate can be made 8 to 10 weeks after following the initial application on cool-season turfgrasses and 10 to 12 weeks following the initial application on warm season turfgrasses. For warm-season turfgrasses the maximum single application rate is 326 lb/acre which is equivalent to 3 lb of active ingredient per acre. For cool-season turfgrasses the maximum single application rate is 163 lb/acre which is equivalent to 1.5 lb of active ingredient per acre. For both warm-season and cool-season turfgrasses a maximum of 2 applications per year are allowed.

**Reseeding**

Chemicals that effectively control annual weed species may also affect new desirable turfgrass seedlings. Reseeding should be delayed for at least 6 weeks after application.

**Application Equipment**

Applications should be made using a properly calibrated granular fertilizer spreader which will uniformly distribute the product over the target area. Avoid skips and excessive overlaps as poor weed control or turfgrass injury may occur.

20061016.Proposed Label

**TERMS AND CONDITIONS OF USE**

If terms of the following Warranty Disclaimer, Inherent Risks of Use, and Limitation of Remedies are not acceptable, return unopened package at once to the seller for a full refund of purchase price paid. Otherwise, use by the buyer or any other user constitutes acceptance of the terms under Warranty Disclaimer, Inherent Risks of Use and Limitations of Remedies.

**WARRANTY DISCLAIMER**

Seller warrants that this product conforms to the chemical description on the labels and is reasonably fit for the purposes stated on the labels when used in strict accordance with the directions, subject to the inherent risks set forth below. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

**INHERENT RISKS**

It is impossible to eliminate all risks associated with use of this product. Plant injury, lack of performance, or other unintended consequences may result because of such factors as use of the product contrary to label instructions (including conditions noted on the label, such as unfavorable temperature, soil conditions, etc.), abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes), presence of other materials, manner of application or other factors, all of which are beyond the control of the Seller. All such risks shall be assumed by buyer.

**LIMITATION OF REMEDIES**

The exclusive remedy for losses or damages resulting from this product (including claims based on contract, negligence, strict liability, or other legal theories), shall be limited to, at Seller's election, one of the following:

- 1. Refund of purchase price paid by buyer or user for product bought, or
- 2. Replacement of amount or product used.

Seller shall not be liable for losses or damages resulting from handling or use of this product unless Seller promptly notifies of such loss or damage in writing. In no case shall Seller be liable for consequential or incidental damages or losses.

The terms of this Warranty Disclaimer and Inherent Risks of Use above and this Limitation of Remedies cannot be varied by any written or verbal statements or agreements. No employee or sales agent of Seller or the Seller is authorized to vary or exceed the terms of the "Warranty Disclaimer" or this "Limitation of Remedies" in any manner.

FORMULATED AND PACKED FOR GOLF COURSES,  
PARKS AND INDUSTRIAL TURF CARE

By

**KNOX FERTILIZER COMPANY  
KNOX, INDIANA 46534**

**NET CONTENTS 50 POUNDS**