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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number: 8378-41  
Date of Issuance: AUG 24 1994

**NOTICE OF PESTICIDE:**  
 X  Registration  
     Reregistration

Term of Issuance:  
**Conditional**

Name of Pesticide Product:  
**Shaw's Annual Grass Control**

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):  
**Knox Fertilizer Company, Inc.**  
**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 conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. " 8378-41.

**BEST AVAILABLE COPY**

Signature of Approving Official:

Date:  
**AUG 24 1994**

EPA Form 8570-6

**CONCURRENCES**

SYMBOL						
SURNAME						
DATE						

3. Submit two copies of the revised final printed label for the record.

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.

A stamped copy of the label is enclosed for your records.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

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# Shaws Annual Grass Control 147

Contains TREFLAN® The Flower & Garden Weed Preventer

**1 POUND COVERS UP TO 1250 SQUARE FEET**  
**Prevents Crabgrass and Most Other Annual Weed Grasses in Flower Beds, Home Vegetable Gardens and Around Ornamental Trees, Shrubs, and Roses.**

ACTIVE INGREDIENT:	
Trifluralin; Alpha, alpha, trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine . . .	1.47%
INERT INGREDIENTS: . . . . .	98.53%
Total	100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

**STATEMENTS OF PRACTICAL TREATMENTS**  
**WALLOWED** Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. **IF IN EYES** Flush eyes with plenty of water. Get medical attention **IF ON SKIN** Remove contaminated clothing. Wash affected area with soap and water.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**  
**CAUTION** Harmful if swallowed, inhaled or absorbed through the skin. Avoid breathing dust. Avoid contact with skin, eyes, or clothing. Wash thoroughly after handling and before eating or smoking. Do not contaminate feed or foodstuffs.  
**ENVIRONMENTAL HAZARDS**  
 This pesticide is toxic to fish. Do not apply directly to water or wetlands (swamps, bogs, or marshes). Drift or runoff from treatment areas may be hazardous to aquatic organisms in neighboring aquatic sites. Do not contaminate water when disposing of equipment washwaters.

**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 for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes of climatic modification and being grown in interior plantiscapes, ornamental gardens, or parks, or for golf courses or lawns and grounds.

**STORAGE AND DISPOSAL**  
 of contaminated water, food or feed by storage or disposal. **STORAGE:** Store product in its original container in a cool, dry, locked place out of reach of children.  
**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. **HOUSEHOLD** Do not re-use this empty container. Wrap and put in trash.  
 This product prevents the listed broadleaf and grassy weeds from becoming established around flowers, roses, shrubs, trees and vegetables. It eliminates the need for extensive hand weeding! Without weeds, plants can grow larger, stronger and healthier. Do not apply to Azalea, Myrtle, Pachysandra as injury may result.

**WHEN TO APPLY**  
 Apply as early as possible in the growing season before weed seeds germinate to take advantage of season long weed control. Apply to soil in plant beds anytime during the growing season around listed plants and anytime prior to setting transplants (see section under Vegetables for use before transplanting "sets"). Do not use on Flower Seeds. Follow these directions carefully.

**WEEDS CONTROLLED**  
 Annual Bluegrass, Barnyardgrass (watergrass), Bracharia (Signal Grass), Bromegrass, Cheat, Crabgrass, Foxtail, Goosegrass, Johnsongrass (from Seed), Junglerice, Panicum (fall), Panicum (Texas), Sandbur, Sprangletop, Stinkgrass, Woolly Cupgrass.  
 Also control these broadleaf weeds: Carelessweed, Carpetweed, Chickweed, Florida Pusley, Goosefoot, Knotweed, Kochia, Lambsquarter, Pigweed, Puncture Vine, Purslane, Russian Thistle, Stinging Nettle.

**HOW TO USE FOR ORNAMENTAL PLANTS**  
 Roses, Shrubs, Flowers and Trees  
 For Plants such as Roses, Shrubs, Flowers and Trees, remove existing weeds before applying this product. Till the soil to prepare a smooth soil planting surface. For plants which are 2 to 3 ft. in height sprinkle

**FOR ESTABLISHED PLANTS**  
 1 lb. evenly over 320 sq.ft. of surrounding soil surface.  
 (1 oz./20 sq.ft.)

Do not apply to plant foliage. Best results will be obtained by lightly sprinkling the granules into the soil surface after application. For optimum weed control plan on a second application in 4 weeks.

**PRE-PLANTING APPLICATION**  
 For "light" soils apply 1 lbs./1250 sq.ft.  
 On "medium loam" soil apply 1 lb. to 960 sq.ft.  
 For "heavy" soils apply 1 lb./640 sq.ft.

Mix into soil surface. Not recommended for "Muck" soils. Small Gladiola Corms less than 1 inch in diameter may be injured by pre-plant applications. Use only on 2 to 3 feet high listed transplants. Do not use on flower seeds. Best results will be obtained when lightly watered in. Plan on a second application in 4 weeks.

**ORNAMENTAL PLANTS**  
 Use on the following lists of plants out of doors. Do not use in enclosed areas such as greenhouses.

**ROSES AND OTHER ESTABLISHED FLOWERS**  
 Achillea, Ageratum, Arctotis, Aster, Balsam, Calendula, California Poppy, Forget-Me-Not, Four O'clock, Gaillardia, Gladiolus, Ixora, Lobelia, Lupinus, Marigold, Morning Glory, Nasturtium, Nicotiana, Pen-winkle, Petunia, Plix, Portulaca, Rudbeckia, Salvia, Scabiosa, Shasta Daisy, Snapdragon, Stocks, Snow on the Mountain, Sunflower, Sweet Alyssum, Sweet Pea, Sweet William, Zinnia.

**ESTABLISHED SHRUBS**  
 Arborvitae, Azalea, Barberry, Boxwood, Camelia, Cherry Laurel, Cinquefoil, Common Lilac, Cotoneaster, Deutzia, Elaeagnus, Euonymus, Forsythia, Holly, Honeysuckle, India Hawthorn, Juniper, Mock Orange, Mountain Laurel, Piers Japonica, Pineapple guava, Privet, Rhododendron, Robra, Sakaki, Spirea, Viburnum, Weigela Bristol Ruby, Willow, Yew.

**ESTABLISHED ORNAMENTAL TREES**  
 Apple, Bald Cypress, Balsam Fir, Black Gum, Black Locust, Canada Hemlock, Chinese Chestnut, Cottonwood, Dogwood, Douglas Fir, European White Birch, Honey Locust, Japanese Larch, London Plane Trees, Maple, Oak, Pine, Redbud, Spruce, Stone Fruits, Sycamore, Sweetgum, Tulip Tree, White Ash.

**ESTABLISHED ORNAMENTAL GROUND COVERS**  
 Algeatn Ivy, Asparagus, Bellflower, Big Blue Liatris, Bunge, California Ivy, Ceanothus, Cotoneaster, Crown Vetch, Dwarf Coyote Brush, Dwarf Peter Pan, Gazania, Germander, Ice Plant, Marigold, Matricaria Grass, Myoporum, Needlepoint Ivy, Rock Rose, Rosemary, Rose of Sharon, Rupture Wort, St John's Wort, Sedum, Snow-in-Summer, Speedwell, Strawberry, Thrift-Sea Pink, Tickseed, Trailing Arcton Daisy, Verbena, Wire Plant, Woolly Yarrow.

**HOW TO USE FOR VEGETABLES**  
**FOR USE IN HOME GARDENS ONLY:**  
 Apply and mix into the soil before planting to provide long lasting control of many annual grasses and broadleaf weeds as listed.  
 For "light" soils apply 1 lbs./1250 sq.ft.  
 On "medium loam" soil apply 1 lb. to 960 sq.ft.  
 For "heavy" soils apply 1 lb./640 sq.ft.

Controls Weeds as they germinate. Will not control established weeds. Application may be made up to 10 weeks prior to planting direct seeded vegetables and anytime prior to setting transplants. Remove all existing weeds first then lightly till the soil to prepare a smooth seed bed. For Vegetables from Seed, Treat soil prior to planting seed. Use for Carrots, Celery, Okra, Southern Peas, Green Peas, Lima Beans, Snap Beans, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Turnip Greens, Mustard Greens, Collards and Kale. May be applied up to 10 weeks before planting direct seeded vegetables.

May be used on Cantaloupes, Cucumbers, Watermelons after plants are up in the 3 to 4 leaf stage.  
**Asparagus (Established)** - Apply in the winter or early spring after ferns are removed but prior to spear emergence.  
 For use Before Transplanting "Sets" - Celery, Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Peppers, Tomatoes. Make the application to the prepared soil bed and mix into the top 1 to 3 inches of soil before "sets" are placed.

For Potatoes, May be applied to soil surface after planting "Seed Pieces" before or after emergence. Use care not to damage seed pieces while cultivating nor allow treated soil to contact emerged plant foliage. In all cases mix and cultivate granules into the soil after application, using care not to damage emerged crops.  
**DO NOT** apply this product to "Muck" soils. Do not over-dose! Injury may occur to subsequent crops which are sensitive to Trifluralin. Do not use with crops other than those listed on this label. This product is not intended for use on lawns. Refer to other EPA registered products for that use. Do not use in enclosed areas such as greenhouses (07-04-94).

**IMPORTANT**  
 Read these entire Directions and Conditions of Sale before using this product.  
 NOTICE: Knox Fertilizer Co., Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for use in specific purposes referred to in the Directions for Use, subject to the inherent risks referred to above. Knox Fertilizer Co., Inc. makes no other express or implied warranty of fitness or merchantability nor any other express or implied warranty. In no case shall Knox Fertilizer Co., Inc. be liable for consequential, special, or indirect damages resulting from the use or handling of this product. © 1994 Knox Fertilizer Co., Inc.

EPA Reg. No. 8378-41 EPA EST. NO. 8378-IN-1  
 NET WEIGHT 1,(2.5;10;12.15;20,40) POUND(S)

**KNOX FERTILIZER COMPANY, INC.**  
 P.O. BOX 248 - KNOX IN 46534

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APPROVED  
 with 070001-015  
 in EPA Letter 07-04-94  
 AUG 24 1994  
 Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 8378-41