

US ENVIRONMENTAL PROTECTION AGENCY  
OFFICE OF PESTICIDES PROGRAMS  
REGISTRATION DIVISION (TS-767)  
WASHINGTON, DC 20460

EPA REGISTRATION NO.  
8378-28

DATE OF ISSUANCE

September 28, 1987

TERM OF ISSUANCE

Until Reregistration

NAME OF PESTICIDE PRODUCT

Dursban 50 Granular Insecticide

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGISTRATION  
(Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Knox Fertilizer and Chemical Company, Inc.  
P.O. Box 248  
Knox, IN 46534

NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase "EPA Registration No. 8378-28."
- b. On the label under the Precautionary Statements heading include "Do not treat vegetable garden or other plants used for food" after "Hazards to Humans and Domestic Animals."

3. A 1-year storage stability study must be submitted for this product. However, we will accept this product provided you agree to submit a 1-year study within 15 months from the date of registration. Note: For the storage stability study, you cannot reference the concentration you are using to formulate your product.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

Dennis H. Edwards

DATE

9/28/87

4. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Dennis H. Edwards, Jr.  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (TS-767C)

Enclosures

50 LBS TREATS  
UP TO 11,000 SQ.FT.

ALTERNATE FRONT PANEL WHEN USING DURSBAN 6 AS TGAI. SEE BASIC & ALT CSE



DURSBAN® 50 GRANULES  
Insecticide

LAWN AND TURF INSECT CONTROL

KILLS

SOD WEBWORMS, WHITE GRUBS, ANTS, FLEAS, BROWN DOG TICKS, CRICKETS,  
CHINCH BUGS, CUTWORMS, EARWIGS, SOWBUGS, AND ARMYWORMS  
EUROPEAN CRANE FLY LARVAE  
HYPERODES (TURFGRASS) WEEVIL  
IN HOME LAWNS AND ORNAMENTAL TURF

\* \* \* \* \*

FOR PREMISE TREATMENT AROUND THE HOME

One Pound Treats 200 Square Feet

FOR BROWN DOG TICKS - FLEAS - ANTS - CRICKETS - SOWBUGS

ACTIVE INGREDIENT:

Chlorpyrifos: [0,0,-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]. 0.50%

INERT INGREDIENTS: . . . . . 99.50%

Total 100.00%

Under the provisions of the Federal Insecticide, Fungicide, and Rodenticide Act, this product is registered under the name of Shaw's Turf Products, Inc. EPA Reg. No. 8378-28

> THIS PRODUCT CONTAINS THE TOXIC  
> INERT INGREDIENT METHYLENE CHLORIDE  
DURSBAN® is a Registered Trademark of The Dow Chemical Company

KEEP OUT OF REACH OF CHILDREN

C A U T I O N

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: 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 and wash affected area with soap & warm water. Wash clothing before re-use.

IF INHALED: Remove victim to fresh air. Apply artificial respiration if indicated. Get medical attention immediately.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 8378-\_\_

EPA EST. NO. 8378-IN

NET WEIGHT 25 POUNDS (1 LB. 4 LB. 50 LB.)

KNOX FERTILIZER & CHEMICAL COMPANY, INC.  
KNOX, INDIANA 46534



50 LBS TREATS  
UP TO 11,000 SQ.FT.

DURSBAN® 50 GRANULES  
Insecticide

LAWN AND TURF INSECT CONTROL

KILLS

SOD WEBWORMS, WHITE GRUBS, ANTS, FLEAS, BROWN DOG TICKS, CRICKETS,  
CHINCH BUGS, CUTWORMS, EARWIGS, SOWBUGS, AND ARMYWORMS  
EUROPEAN CRANE FLY LARVAE  
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EPA REG. NO. 8378-\_\_

EPA EST. NO. 8378-IN

NET WEIGHT \_\_\_25\_\_\_ POUNDS (1 LB. 4 LB. 50 LB.)

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed. May be injurious to eyes and skin. Do not get on skin or in eyes. Wash thoroughly after handling. Do not wear contaminated clothing. Wash contaminated clothing before reuse. Avoid breathing dust. Keep away from food, feedstuffs, and water supplies. Flush contaminated eyes with plenty of water and get medical attention.

#### ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

#### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

#### STORAGE AND DISPOSAL

Do not contaminate 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 empty container. Wrap container and put in trash.

### LAWNS AND ORNAMENTAL TURF

#### SURFACE FEEDING INSECTS

For control of Chinch Bugs, Sod Webworms(Lawn Moth), Ants, Fleas, Armyworms, Brown Dog Ticks, Crickets, Cutworms, Earwigs, Sowbugs and Millipedes apply 50 lb. to treat 11,000 Sq.Ft. Refer to Spreader Settings.

Treat in the spring or when insects first appear troublesome and repeat as needed for control. Additional treatments at 30 day intervals may be needed for season long control of Sod Webworms. After application lightly sprinkle the area to move the granules into the zone of insect infestation. Do not allow children or pets on treated areas until the grass is dry.

#### FOR ROOT FEEDING INSECTS

For Billbug Larvae, and the "White Grub" larvae of Japanese Beetle, European Chafer, Southern Chafer and Hyperodes Weevil apply 50 lbs. to treat 5,500 Sq.Ft. of lawn.

European Crane Fly larvae feeding in western states turfgrass will be controlled at this same rate, (50 lbs/5,500 Sq.Ft.), with an individual application or if present, simultaneously with the same application being applied for control of "White Grubs". Consult your Agricultural Extension Agent for proper time to apply.

For the Hyperodes (Turfgrass) Weevil apply in Mid-April and again in Mid-May using 50 lbs. per 5,500 Sq.Ft.

Refer to the Spreader Settings Chart. Apply uniformly over the area and immediately follow with a thorough watering to wash the insecticide into the soil where insects are feeding. For best control apply when the "grubs" are young & actively feeding near the soil surface in mid July & early August.

**DURSBAN® 50 GRANULES**

**DIRECTIONS FOR USE (Cont.)**

**PREMISE TREATMENT AROUND THE HOME**

To protect the dwelling and other buildings from possible insect infestations a band of granules may be placed around the building to control Ants, Brown Dog Ticks, Crickets, Earwigs, Fleas, Millipedes, Sowbugs, Springtails and Spiders. One half pound (8 ounces) of this product will treat (100 Sq. Ft.) a 5 foot wide band 20 ft long around the structure. This will act as a barrier against insects invading the home. Apply the protective band when insects have become troublesome or before they cause problems in the spring or early fall. Repeat one month later and then as needed for control. Consult your Agricultural Extension Service for the best time to treat in your area.

**KNOW YOUR FERTILIZER SPREADER**

The following spreader settings are offered for use with new equipment. Your used spreader may need calibrating. Since proper application is based on the spreaders 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). Faulty and/or erratic application will result in poor insect control!

SPREADER SETTINGS			
SPREADER	AMOUNT TO APPLY	SOD WEBWORMS & OTHER SURFACE FEEDING INSECTS	WHITE GRUBS AND ROOT FEEDING INSECTS
		50 lbs./11,000 SQ.FT.	50 lbs./5,500 Sq. Ft.
		4½ lbs./1,000 Sq.Ft.	9 lbs./1000 Sq.Ft.
Scott _____	50 pounds	# 5	# 7
Cyclone __	50 pounds	# 4 1/2	# 5

NOTICE: Buyer assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label.

>>>>OPTIONAL COPY.....

\*\*\*\*\*HOW TO CALIBRATE YOUR SPREADER\*\*\*\*\*

Using a Scott Spreader For Surface Insects place 2.50 lbs. granules in your spreader using No. 5 setting and apply to 500 Sq.Ft. With a 20 inch spreader this will equal 3 spreader widths wide (3 passes) by 100 feet long. If you run out before you cover the pre-measure area close the spreader setting by 1/2 the number. If you have granules left over, open (increase) the spreader setting by 1/2 the number. For further help refer to your Spreader Guide Book.