



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

EPA Reg. Number:
 8378-46

Date of Issuance:
 SEP 08 1995

NOTICE OF PESTICIDE:
 Registration
 Reregistration

Term of Issuance: Until
 Reregistration

Name of Pesticide Product: Shaw's
 Dursban 1G
 Insecticide

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Knox Fertilizer Company
 P.O. Box 248
 Knox, Indiana 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. Change the label by revising the EPA Registration Number to read, "EPA Reg. No. 8378-46".
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.

Signature of Approving Official:

DHE

Dennis H. Edwards, Jr.
 Product Manager 19
 Insecticide-Rodenticide Branch
 Registration Division (7505C)

Date:

SEP 08 1995

Shaw's Dursban® 1G Insecticide

Chinch Bugs, Sod Webworms, Ants, Armyworms, Brown Dog Ticks, Crickets, Cutworms, Earwigs, Fire Ants, Fleas, Mole Crickets, Sowbugs and White Grubs as listed which infest Lawns, Flower and Shrubbery Beds, and Ornamental Turfgrass Areas. Insect Control for the Home Vegetable Garden. Deer Tick Control.

ACTIVE INGREDIENT:
CHLORPYRIFOS: [O,O-diethyl O (3,5,6-trichloro-2-pyridyl) phosphorothioate] 10%
INERT INGREDIENTS: 90%
Total 100.0%

DURSBAN® is a Reg. Trademark of The DowElanco
KEEP OUT OF REACH OF CHILDREN

CAUTION

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 irritation persists. **IF ON SKIN:** Remove contaminated clothing and wash affected area with soap and water. Wash clothing before reuse. **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.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed. Do not take internally. Do not breathe dust. Avoid contact with eyes, skin or clothing. Wash contaminated clothing before reuse. Wash thoroughly after handling and before eating or smoking. When watering-in of the insecticide is directed keep children and pets off treated areas until the grass is dry. Do not contaminate feed or foodstuffs.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters. This product is toxic to fish, birds, and wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Use only 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 or plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climatic modification and being grown in interior plantscapes, ornamental gardens, or parks, or on golf courses or lawns and grounds.

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. **DISPOSAL:** Do not reuse empty container. Wrap container in several layers of newspaper and discard in trash.

Fire Ant Control Around the Yard

For the control of Imported Fire Ants by individual ant mound treatment apply 6 level tablespoons (1.5 ounce) of granules evenly in a circle around the outer edges (1 to 2 feet from center) of mounds measuring from 3 to 12 inches in diameter. Finish the treatment then by applying 4 level tablespoons (1 ounce) sprinkled over the center of the mound. Best results will be obtained if mound is not disturbed after treatment thus allowing ants to come and go and to be exposed to the insecticide treated area. Apply the granules when Imported Fire Ants have become a nuisance and treat new mounds as they appear.

Control of Home Invading Pests in Flower & Shrubbery Beds and Around the Outside of Home Foundations

For control of insect pests that may gain entrance to the home from flower & shrubbery beds and around the foundation this product may be applied as a 5 foot band adjacent to the home foundation and to the soil surface of flower & shrubbery beds at the rate of 2.5 lbs. per 1,000 sq ft (5 ft by 200 ft). Controls Ants, Boxelder Bugs, Centipedes, Cockroaches, Crickets, Earwigs, Fleas, Scorpions, Silverfish, Sowbugs, Spiders (including Black Widow Spiders), Springtails, and Ticks. Apply when insects have become troublesome or before they cause problems in the spring or early fall. Repeat as needed for control. The watering-in of the insecticide is not required for control of these surface insects.

Controls Insects in Container- ized or Potted Ornamental Plants at Home or Business

For control of Imported Fire Ants, Ants, Armyworms, Beetles, Boxelder Bugs, Cutworms, Sowbugs, Springtails, and other similar insect pests in ornamental containers and pots apply to the soil surface of containerized plants. Wear water proof gloves when applying this product. If kitchen utensils are used to apply this product do not reuse for any food purposes.

POT SIZE	AMOUNT TO APPLY
4 inch	1/4 oz. = 1 1/2 lbsp.
6 inch	1/3 oz. = 2 lbsp.
10 inch	3/4 oz. = 4 lbsp.
12 inch	2 oz. = 8 lbsp.

SPREADER INSTRUCTIONS FOR USE ON LAWNS

The following spreader settings are for use with new equipment. Always calibrate your spreader before applying product. Actual application rates will depend on the spreader's condition with regard to age and use, walking speed and the evenness of the terrain, your spreading equipment will require adjustments. To calibrate, test apply by placing the amount for 500 sq ft. into your spreader and apply to a premeasured 500 sq ft. area then adjust according to your spreader manual.

SPREADER	10 lbs. / 4,000 sq ft.	10 lbs. / 2,000 sq ft.
SCOTT'S RX	F to G	G to H
CYCLONE PRO	35 to 40	5 to 6

KNOX FERTILIZER COMPANY, INC.
P.O. BOX 480 - KNOX, IN 46534

TURF INSECT CONTROL

For Surface Insects

apply 10 lbs. / 4,000 sq. ft.

For control of Chinch Bugs, Sod Webworms (Lawn Moth), Ants, Armyworms, Brown Dog Ticks, Crickets, Cutworms, Earwigs, Mole Crickets, and Sowbugs apply 10 pounds to treat 4,000 sq. ft. of turf. Refer to Spreader Settings. Treat in the spring or when insects first appear troublesome and repeat as needed for control. The watering-in of the insecticide is not required for control of surface insects.

For Soil Insects

apply 10 lbs / 2,000 sq. ft.

For control of Mole Crickets, Billbug larvae and the "White Grub" larvae of Japanese Beetle, European Chaler, Southern Chaler and Hyperodes Weevil apply 10 pounds to treat 2,000 sq. ft. of lawn. Apply granules uniformly over the area and follow with a thorough watering to wash the insecticide into the soil. For best results treat when grubs are young and actively feeding near the soil surface which is usually in late July and early August. For Hyperodes (Turf-grass) Weevils apply in Mid-April and again in Mid-May at the same rate. Consult your Agricultural Extension Service for the best time to treat in your area. Keep children and pets off treated area until grass is dry. For the European Crane Fly Larvae (Also known as "Leather jackets") feeding in western states turfgrass, apply 10 lbs. to cover 3,000 sq. ft. The larvae will also be controlled simultaneously when an application rate for Grubs (10 lbs / 2,000 sq ft.) has been made. Consult your Agricultural Extension Service for the best time to treat in your area. Keep children and pets off treated area until granules have been washed into soil and the grass is dry.

To Control Various Insects in Home Vegetable Gardens

Vegetables	Insects	*Rate To Use	Comments for Use.
Onions	Onion Maggot	1 1/2 oz. per 25 feet of row	Apply in furrow at planting time. Make only one application per year.
Peanuts	Cutworms, Wireworms, Lesser Cornstalk Borer, Southern Corn Rootworm Larvae	2 3/4 oz. to 5 2/3 oz. per 25 feet of row	Apply in 6"-12" band over planted seed row. Lightly incorporate. CB Apply at early flowering stage in 6"-12" band over row. CB in 10"-18" band over fruiting zone. Irrigation will enhance control. Maximum / year / 25 ft row is 5 2/3 oz. Observe 21 day preharvest interval. Do not feed vines to meat or dairy animals.
Sunflowers	Pests controlled include Cutworms	3 1/4 oz. per 25 feet of row	Apply in 7" band over planted seed row. Lightly incorporate into soil.
Sweet Potatoes	Pests Controlled include Wireworms, Sweet Potato Beetle, Flea Beetles	1/2 lb. / 100 sq ft.	Apply broadcast over soil surface and incorporate to 4"-6" depth. Plant within 14 days. Make only one application per year. Preharvest interval is 125 days.
Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Chinese Cabbage, Collards, Kale, Kohlrabi, Rutabagas, Turnips	Root Maggot and other pests	2 oz. per 25 feet of row	Apply in 4" band over row after seed have been planted. Lightly incorporate into top 1/4"-1/2" of soil. Make only 1 application per year at planting time. Do not use as a top-dress for food or feed purposes.
Radishes	Pests controlled include Root Maggot	1 1/4 oz. per 25 feet of row	Apply in furrow at planting time. Make only (1) application per year.
Sweet Corn and Popcorn	Wireworms, Seed Corn Maggot, Root Maggot, Seed Corn Beetles, Symphylans, Cutworms, Fire Ants, Billbugs, Northern, Western, Southern Corn Rootworm Larvae, Lesser Cornstalk Borer, Flea Beetle Larvae, European and Southern Corn Borer, Chinch Bugs, Grubs	3 1/4 oz. to 4 3/4 oz. per 25 feet of row	Apply in 10" band over soil surface and 1/2" band along side of furrow. Cover seed with 1/2" of soil. Lightly incorporate any granules on soil surface. Use high rate in soils containing over 10% organic matter. Make only 1 application per year at planting time.

*One (1) ounce of Dursban 1G Insecticide is equivalent to 4 level tablespoons.

Deer Tick Control Around the Property (The Vector of Lyme Disease)

For control of ticks infesting areas around houses and in yard areas apply at the rate of 2.5 lbs. per 1,000 sq ft. When working or playing out of doors in suspect areas protect against ticks by tucking pants into socks to avoid tick bites. An insect repellent sprayed onto lower legs and socks should give additional protection from possible bites. Wearing light colored pants and socks will aid in spotting ticks that may attach during this application. Treat perimeter of house and yard by applying under shrubbery, in and around ground cover, and around and under patios. Treat edges or perimeter of yard area where grass and other ground cover plants exist and other areas that appear likely to serve as harborage sites for ticks that have removed themselves from their host. Prior to and following treatment, weeds and high grass should be kept trimmed to reduce tick harborage sites. Rodents can serve as hosts for ticks. Rock piles, wood piles, and other rodent habitats should be removed or reduced. For key months for deer tick control in your geographic area, contact your local extension service.

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 (83durs1g pm508-11-95)

EPA REG. NO. 8378- EPA EST. NO. 9378-FL-1
NET WEIGHT 10 POUNDS (20; 30; 40 lbs.)

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ACCEPTED
with COMMENTS
in EPA Letter Dated

SEP 08 1995

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

8378-46

BEST COPY AVAILABLE