

FEB 11 1997

Knox Fertilizer Company, Inc.  
c/o Mr. H.R. McLane  
H.R. McLane, Inc.  
7210 Red Road, Suite 206  
Miami, Florida 33143-5321

Subject: Revised Labeling--Deer Tick Control  
Dursban 50 with Plant Food  
EPA Registration Number 8378-43  
Your Amendment Application Dated November 6, 1996

Dear Mr. McLane:

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), sec. 3(c)(7)(A), is acceptable 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.
2. Submit five (5) copies of your final printed labeling 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 bearing the amended labeling constitutes acceptance of these conditions.

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

Sincerely yours,

*Dennis H Edwards Jr*

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

Enclosure

ACTIVE INGREDIENTS:  
 CHLORPYRIFOS: [O,O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate]. - - 0.5%  
 INERT INGREDIENTS: - - - - - 99.5%  
 Total 100.0%

DURSBAN® is a Reg. Trademark of The DowElanco  
 Fertilizer Analysis and Guarantee found on Separate Tag.

## 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 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.

## 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.

## FIRE ANT CONTROL

For the control of Imported Fire Ants by individual ant mound treatment apply 9 level tablespoonfuls (1 1/2 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 5 level tablespoonfuls (3/4 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 repeat as needed but not more than once a month.

## DEER TICK CONTROL

### (A Vector of Lyme Disease)

For control of ticks infesting areas around the outside of homes, in yard areas, along footpaths, and other areas of turf or vegetation frequented by humans and pets apply at the rate of 4.6 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 areas 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. Do not allow use of the area until treatment has been completed.

EPA REG.NO. 8378-43 EPA EST.NO. 8378-IN-1  
 NET WEIGHT 25 POUNDS (1 lb.; 4 lb.; 50 lb.)

The first letter of Establishment code indicates location of manufacturing plant.

For control of Crickets, Sod Webworms (Lawn Mott), Ants, Armyworms, Brown Dog Ticks, Crickets, Cutworms, Earwigs, and Sowbugs apply 50 pounds uniformly to cover 10,000 sq. ft. of turf (equivalent to 4.6 lbs. of product per 1,000 sq. ft.). 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.

## ROOT FEEDING INSECTS

For control of BILLBUG larvae and the "White Grub" larvae of JAPANESE BEETLE, EUROPEAN CHAFER, SOUTHERN CHAFER and HYPERODES WEEVIL apply 50 pounds to treat 5,400 sq. ft. of lawn (equivalent to 9.2 lbs. of product per 1,000 sq. ft.). 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 (Turfgrass) 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.

## EUROPEAN CRANE FLY LARVAE (Leather jackets)

For specific control of the Crane Fly Larvae feeding in western states turfgrass, apply 50 lbs. to cover 7,275 sq. ft. The larvae will also be controlled simultaneously when an application rate for Grubs (50 lbs./5,400 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.

## SPREADER INSTRUCTIONS

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, your 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 pre-measured 500 sq. ft. area then adjust according to your spreader manual.

SPREADER SETTINGS		
SPREADER	4.6 #/1,000	9.2 #/1,000
SPYKER PRO	4 to 6	6 to 7
SCOTTS R7X	H	1 to J
LESCO B'CAST	H	1 to J
PRIZE CB-85	5 to 8	7 to 8
CBT-85	5 to 8	7 to 8
CYCLONE PRO	4.5 to 5.0	6 to 7

## INSECT CONTROL IN TURFGRASS AREAS ADJACENT TO HOME FOUNDATION

For control of insect pests that may gain entrance to the home this product may be applied as a 5 foot band to turfgrass areas adjacent to the home foundation at the rate of 4.2 to 5.5 lbs. per 200 linear feet (5 ft. by 200 ft.) for Ants, Centipedes, Cockroaches, Crickets, Earwigs, Fleas, Scorpions, Silverfish, Sowbugs, Spiders, Springtails, and Ticks. Apply when insect have become troublesome or before they cause problems in the spring or early fall. Repeat as needed for control. Do not allow children or pets on treated area until granules have been washed off grass and turf is dry. May be applied with lawn spreader.

## INSECT CONTROL IN CONTAINERIZED AND/OR POTTED PLANTS

For control of Imported Fire Ants, Ants, Armyworms, Beetles, Boxelder Bugs, Cutworms, Sowbugs, Springtails, and other similar insect pests in containers and pots apply to the soil surface of containerized plants. For best insect control and to activate the plant food, lightly water and mix granules with soil surface.

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

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. (43-amd.pm511-05-96) deer tick)

**GUARANTEED FERTILIZER ANALYSIS**  
 NITROGEN (N) . . . . . variable %  
 UREA (N) . . . . . variable %  
 AMMONIATED NITROGEN variable %  
 AVAILABLE PHOSPHORIC ACID (P2O5) variable %  
 SOLUBLE POTASH (K2O) . . . . . variable %  
 Derived from Urea, Ammoniated Phosphate,  
 Muriate of Potash. Potential acidity = \_\_\_ lbs.  
 Calcium Carbonate per ton, %

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

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ACCEPTED  
with COMMENTS  
in EPA Letter Dated

FEB 11 1997

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

8518-43