



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

AUG 14 2002

Mr. H.R. McLane
Agent for
Knox Fertilizers Company, Inc.
7210 Red Road, Suite 206
Miami, FL 33143-5321

Subject: Label Amendment (MOA)
2.32 Dursban Granules (chlorpyrifos).
EPA Reg. No. 8378-34
Submission dated May 13, 2002, **acceptable with comments.**

Dear Mr. McLane:

The labeling referred to above submitted in connection with the chlorpyrifos MOA is acceptable with the following comment:

Since it appears that the application rate for chiggers, ticks & fleas should be 5 lbs per 5000 sq. ft. the 5 should be corrected to 5.

You must submit three (3) copies of the final printed label prior to releasing the product for shipment. If you have any questions please call me at (703) 308-8328.

Sincerely yours,

A handwritten signature in black ink, which appears to read "Akiva Abramovitch", is written over the typed name.

Akiva Abramovitch, Ph.D.
Chemist
Insecticide-Rodenticide
Branch
Registration Division (7505C)

2.32 DURSBAN® GRANULES

For Golf Courses Turf Road medians - Industrial Plant sites **with COMMENTS**
5 LBS TREATS 5,000 SQ.FT. In EPA Letter Dated:

Controls Ants, Armyworms (Beet, Fall, Yellow striped), Brown Dog Ticks, Centipedes, Chiggers, Chinch Bugs, Clover Mites, Cutworms, Crickets, Earwigs, European Crane Fly larvae, Fiery Skipper, Fleas, Grasshoppers, Leafhoppers, Millipedes, Sod Webworms (Lawn Moth), Sow Bugs, Springtails, Turfgrass Weevil (Hyperodes), White Grubs (Species of Black Turfgrass Ataenius, European Chafer, Southern Chafer, Japanese Beetle and June Beetle larvae), Bluegrass Billbugs.

AUG 14 2002
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 8378-34

ACTIVE INGREDIENT:
 Chlorpyrifos: CAS [2921-88-2] . . . 2.32%
 OTHER INGREDIENTS: 97.68%
 Total 100.00%

KEEP OUT OF REACH OF CHILDREN
CAUTION

DURSBAN® is a Registered Trademark of DowAgroSciences

EPA Reg. No. 8378-34
 EPA Est. No. 8378-IN-1

FIRST AID- ORGANOPHOSPHATE

IF SWALLOWED - Call a 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **IF INHALED**: Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible. Call a poison control center or doctor for further treatment advice. Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment. **IF IN EYES** - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice. **IF ON SKIN OR CLOTHING** - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 1-800-858-7378 for emergency medical treatment advice. **NOTE TO PHYSICIAN**: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote only by injection.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed. Avoid contact with eyes, skin and clothing. Avoid breathing dust. Keep away from food, feedstuffs, and water supplies. Where watering-in is required, keep the public (especially children and pets) off treated areas until the grass is dry.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to birds, fish, and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the high water mark. 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. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Not for use on turfgrass being grown for sale such as sod, or for commercial seed production, or for research purposes. Do not use this product through any type of irrigation system. Maximum application rate is 1 lb. per acre.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store product in its original labeled 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.

SPREADER SETTINGS

Make of Spreader	For all Insects 2 lbs./1,000 sq.ft.
Ortho Drop #3000	6
Ortho Broadcast #4000	1 1/2
Scott #PF-1	5
Central	7
Jackson	5 1/2
Glorion	7
Sears	7
Cyclone	3 3/4
Scotts Rotary #ER-2	25 1/2
Whirlybird	3

NOTICE: Buyer and user assumes all risk and liability of use, storage and/or handling of this product not in accordance with the terms of this label.
 (8378-34 moa, p6501-15-01)

NET WEIGHT (40 or 50) POUNDS

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

How much and where to use

Apply 2.32 Dursban Granules uniformly to golf course turf, road median, and industrial plant sites using any hand or power operated gravity or rotary type spreader designed for application of granules. Treat when insects first appear, using granules at the rate of (5 lbs. per 5,000 sq.ft.) or 44 lbs. per acre for insects. For control of Soil Insects, immediately after application, thoroughly irrigate the turf to move the granules into the zone of insect infestation. Repeat treatment as necessary but no more than 3 times per year. Observe delayed watering for Sod Webworms. See spreader settings below.

SURFACE INSECTS

CHIGGERS, TICKS, & FLEAS

Use .5 lbs. per 5,000 sq.ft.) for area control of these insects, where these pests are present and are creating a nuisance. Do not allow use of treated area during applications. It is not necessary to water the granules into the soil for surface insect control.

CHINCH BUGS

Apply 5 lbs. per 5,000 sq.ft. when insects appear or their damage is imminent. To prevent damage apply as soon as daily temperatures reach 80 degrees and repeat every 2 months.

SOD WEBWORMS

For Sod Webworms, delay watering or mowing the treated area for 12 to 24 hours after treatment. Treat in the spring or when insects first appear troublesome. Additional treatments at 30 day intervals may be needed for new infestations. Apply at rate of 5 lbs. per 5,000 sq.ft.

DEER TICK Control (Vector of Lyme Disease).

For control of Ticks infesting areas of golf course turf, outside of industrial plant sites, and road medians, apply at the rate of 1 lb. per 1,000 sq.ft. When working out of doors in suspect areas protect against ticks by tucking pants into socks to avoid tick bites.

SOIL INSECTS

TURFGRASS WEEVIL

Use 5 lbs. per 5,000 sq.ft. Treat suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service.

WHITE GRUB SPECIES - CRANE FLY LARVAE

To control White Grubs (Black Turfgrass Ataenius, European Chafer, Southern Masked Chafer, Japanese Beetle and June Beetle Larvae), use 5 lbs. to treat 5,000 sq.ft. After applications apply enough water to thoroughly wash the insecticide into the turf. For best results remove thatch first and treat when grubs are young and actively feeding near the soil surface during late July and August. Consult your local Agricultural Extension Service Specialist for best time to treat.

European Crane Fly larvae will be controlled using 5 lbs. per 5,000 sq.ft.). Consult your Agricultural Agent for proper time to apply. For best results, first remove thatch. Water the granules into the soil.

BLUEGRASS BILLBUGS

Use 5 lbs. per 5,000 sq.ft. for Billbug grubs. Remove thatch before treatment. Wash granules into soil as for White Grubs.