



655-766

PM 04

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# DURSBAN® 1/2G GRANULAR INSECTICIDE

Controls chinch bugs, sod webworms (lawn moths), ants, brown dog ticks, crickets, cutworms, earwigs, sowbugs (pillbugs), certain white grubs\* and hyperodes (turfgrass) weevils\* infesting home lawns and other ornamental turf area.

### ACTIVE INGREDIENT:

Chlorpyrifos (0, 0-diethyl 0-(3, 5, 6-trichloro-2 pyridyl) phosphorothioate .....

### INERT INGREDIENTS .....

PRENTOX® Registered Trademark of Prentiss Incorporated

DURSBAN® Registered Trademark of DowElanco

<b>ACCEPTED</b>	
0.5%	
99.5%	
<b>JUL 19 1994</b>	TOTAL: 100.0%

## KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT  
ORGANOPHOSPHATE

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 655-766

If swallowed — Drink 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention. If on skin — In case of contact, immediately wash skin with soap and water. If in eyes — Flush eyes with plenty of water and get prompt medical attention.

NOTE TO PHYSICIAN — Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

\* AGRICULTURAL CHEMICAL — DO NOT SHIP OR STORE WITH FOOD, FEED, DRUGS OR CLOTHING.

SEE BELOW FOR ADDITIONAL PRECAUTIONARY STATEMENTS

E.P.A. REG. NO. 655-766

E.P.A. EST. NO. 655-GA-1

NET CONTENTS 25 LBS. (11.34 KG)

LOT NO. \_\_\_\_\_

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Do not take internally. Avoid eye contact. Keep away from food, feedstuffs and domestic water supplies. Keep children and pets off treated areas until the material is washed into the soil and grass is dry.

Personal Protective Equipment: Applicators and other handlers must wear long-sleeved shirt and long pants, waterproof gloves and shoes plus socks. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS

Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

### 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. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. 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. Apply this product only as specified on this label. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and the handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves, and shoes plus socks.

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### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.  
**STORAGE:** Keep pesticide in original container. Store in a cool, dry place, preferably in a locked storage area.  
**PESTICIDE DISPOSAL:** Partially filled bags may be disposed of by wrapping in several layers of newspaper and discarding in trash.  
**CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

To control ants, armyworms, billbugs, boxelder bugs, chiggers, chinch bugs, clover mites, crickets, cutworms, earwigs, grasshoppers, sod webworms (lawn moths) and sowbugs (pillbugs), apply DURSBBAN 1/2G granular insecticide uniformly to home lawns and other ornamental recreational turf grass areas using any hand or power operated gravity or rotary type spreader designed for application of granular materials. Treat when insects first appear using DURSBBAN 1/2G at the rate of 200 pounds per acre. To help obtain uniform distribution, apply one-half the required amount of product in one direction; then apply the balance at a right angle. Immediately after application sprinkle the turf with 1300 gallons of water per acre so as to wash the granules into the zone of insect infestation. Consult the following table to determine amounts of DURSBBAN 1/2G and water needed for smaller sized areas. Re-treat as necessary.

Area to be treated	RATES TO USE	
	Pounds of Dursban 1/2G	Gallons of water to sprinkle on turf after treatment
1,000 sq. ft.	5	30
2,500 sq. ft.	12.5	75
4,000 sq. ft.	20	120
5,000 sq. ft.	25	150
10,000 sq. ft.	50	300

**For control of fleas and cockroaches: (American, Smokey Brown):** For control of fleas and brown dog ticks, thoroughly apply Prentox® Dursban 1/2G as a spot treatment to infested areas such as:

**Yard areas:** Apply Prentox® Dursban 1/2G uniformly to home lawns, under shrubbery, and other ornamental recreational turf grass areas. Treat when insects first appear using Granules at the rate of one pound per 200 sq. ft. or 4 pounds per 800 sq. ft. To help obtain uniform distribution, apply one-half required amount of product in one direction, then apply the balance at a right angle. Immediately after application, sprinkle the turf with 40 gallons of water per 800 sq. ft. so as to wash the granules into the zone of insect infestation. Re-treat as necessary.

**Cockroaches (American, Smokey Brown):** To help prevent infestation of buildings by cockroaches, treat a band 6 to 10 feet wide around and adjacent to the building where pests are active and may find entrance. Treat at a rate of one pound per 200 square feet or 5 lbs. per 1,000 square feet. **DO NOT TREAT PETS WITH THIS PRODUCT.**

**To control fire ants (for individual fire ant mounds):** Apply Prentox Dursban 1/2G at a rate of 4 oz. (8 tablespoons) per active mound. Sprinkle granules gently and evenly over surface of active mound, and out approximately two feet surrounding the mound. Avoid disturbing ants. For best results, apply when ants are least active: in cool weather, 65° F. to 80° F., or in early morning or late evening hours. Treat new mounds as they appear.

**To control turfgrass weevils (larvae of Hyperodes weevil):** Apply 10 pounds of Prentox Dursban 1/2G per 1000 square feet (twice the rate in the application table above). Apply the granules uniformly over the area to be treated. For best results, treat when grubs are young and actively feeding near the soil surface. Consult your local Agricultural Extension Service specialist for proper time to treat in your geographic area.

**To control European Crane-fly Larvae:** Apply Dursban 1/2G at a rate of 7.5 pounds per 1000 square feet using any granular application equipment as described above. For increased effectiveness, follow the granule application with a thorough watering to move the insecticide into the soil: apply the equivalent of 1/2 to 1 inch of water by using a sprinkler or other means of applying water to turf. Consult your local Agricultural Extension Service specialist for proper time to treat in your geographic area.

**White grub control (such as larvae of Japanese beetle, black turfgrass ateniuss, European chafer, and southern masked chafer):** Apply Dursban 1/2G at 10 pounds per 1,000 sq. ft. (two times the amount of Dursban 1/2G shown in the table above). When high populations of grubs are present in the area to be treated, a repeat application of 10 pounds of Dursban 1/2G per 1,000 sq. ft. may be made 7 to 14 days following the initial application. Apply the granules uniformly over the treated area. For increased effectiveness, follow the granule application with a thorough watering to move the insecticide into the soil. Apply the equivalent of 1/2 to 1 inch of water by using a sprinkler or other means of applying water to turf. For best results, treat when grubs are young and actively feeding near the soil surface. Consult your local Agricultural Extension Service Specialist for the proper time to treat in your geographical area.

**For control of ticks infesting areas around houses and in yard areas (including brown dog tick and deer ticks):** Tuck pants legs into socks to avoid tick bites. An insect repellent sprayed onto lower legs and sock should give additional protection from possible bites. Wearing light colored pants and socks will aid in spotting ticks that may attach during treatment.

Treat perimeter of house and yard by applying under shrubbery, in and around ground cover, and around and under patio. Treat edges or perimeter of yard area where grass and other 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 grasses 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. Key months for deer tick control are April through November in most parts of the country. For specific timing of application in your area, contact your local Agricultural Extension Service specialist.

**Outside houses and industrial buildings: (Band Treatment)** For control of ants, crickets, earwigs, brown dog ticks, armyworms, boxelder bugs, clover mites, deer ticks, fleas, sowbugs (pillbugs) and spiders, apply in a 5-foot band around the foundation at the rate of 1/2 lb. per 100 sq. ft. (5'x20'). Distribute granules, uniformly.

**Control of ants, armyworms, crickets, cutworms, earwigs, fire ants, grasshoppers, sowbugs (pillbugs) and ticks (brown dog ticks and deer ticks) in flower gardens and under and around shrubbery:** Apply Prentox Dursban 1/2G evenly over soil within flower beds and under shrubbery. Use the same dosage recommended for control of these pests on turf, found in the application chart. Treat individual fire ant mounds as instructed above by adding 4 oz. (8 tablespoons) of Dursban 1/2G gently and evenly to the surface and surrounding two feet of active fire ant mounds during early morning or late evening: when ants are least active.

Note: 1 oz. = 6 teaspoons = 2 tablespoons = 1/8 cup.

Manufactured by  
**PRENTISS INCORPORATED**

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