

printed August 17, 1993

(Product Label)

# Dursban\* Lawn & Ornamental Insecticide

Controls Chinch Bugs, Sod Webworms (Lawn Moths), Armyworms, Ants, Fleas, Brown Dog Ticks, Cutworms, Earwigs, Crickets, Grasshoppers and Hyperodes Weevil infesting home lawns and other ornamental turf areas. Also controls Aphids, Bagworms, Grasshoppers, Leafhoppers, Spittle Bugs, Mealybugs, Whiteflies, exposed Thrips, Mites and Cutworms infesting ornamental plants.

Active Ingredient:

EPA Registration No. 62719-235 EPA Est. \_\_\_\_\_ (subregistrant)

Keep Out Of Reach Of Children

### CAUTION

### **Precautionary Statements**

### Hazards to Humans and Domestic Animals

May be harmful if swallowed. Avoid Contact with eyes, skin, or clothing. Avoid breathing spray mist and vapors. Wash thoroughly after handling. Handle concentrate in a ventilated area.

### First Aid

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If swallowed: Call a physician or Poison Control Center. Do not induce vomiting because of possible aspiration hazard.

If on skin: Wash thoroughly with soap and water.

If in eyes: Flush with plenty of water. Get medical attention if irritation persists.

**Note to Physician**: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically; atropine is antidotal.

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### **Environmental Hazards**

This product is toxic to fish, birds and other wildlife. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes. This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

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### **Physical or Chemical Hazards**

Flammable. Keep away from heat and open flame.

ACCEPTED MAY 30 1996 Under the Federal Insecticide, Fungicide, and Rodonticilide Act. as amended, for the posticide registered under EPA Reg. No. 62719-235

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### 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 and disposal.

**Storage:** Store in original container out of the reach of children and pets. Do not store above 100°F for extended periods of time. If spilled, absorb with dry material such as sand or saw dust and sweep up for disposal. If container is damaged, use product immediately or dispose of product and damaged container as indicated below. **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:** Do not reuse empty container. Rinse thoroughly and wrap original container in several layers of newspaper and discard in trash.

### Pests Out of Doors

#### General Information

Use Dursban Lawn & Ornamental Insecticide to control certain pests on outside surfaces of buildings and lawns and ornamental plants. Consult the following directions for dosage and application details to control the pests listed.

### Pests on Outside Surfaces of Buildings

Use Dursban Lawn & Ornamental Insecticide at the rate of 1 2/3 pints per one gallon of water (0.5% chlorpyrifos emulsion) to control ants, clovermites, cockroaches, crickets, earwigs, fleas, flies, millipedes, mosquitoes, sowbugs, spiders, and ticks by application as a residual spray with paint brush to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow spray to contact plants (lawn, flowering plants, shrubs, trees, evergreens, etc.) because of possible injury. Repeat treatment as needed to maintain effectiveness.

**Note:** To help prevent infestation of buildings by ants, crickets, earwigs, millipedes and sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around the adjacent to the buildings also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 5 quarts of Dursban Lawn & Ornamental Insecticide per 100 gallons of water and apply as a course spray at the rate of about 10 gallons of spray mixture per 1000 square feet to thoroughly and uniformly wet the band area.

#### Pests of Lawns

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To control ants, armyworms, brown dog ticks, chiggers, chinch bugs, clovermites, crickets, cutworms, earwigs, fleas, grasshoppers, and sod webworms, mix Dursban Lawn & Ornamental Insecticide according to the directions given in the following table and apply as a coarse spray. For best results, the lawn should be moist at the time of treatment and care should be taken to obtain complete and uniform coverage of pest infested areas. Spray when pests first appear; retreat when needed. Control for chinch bugs will last up to 8 weeks. To prevent damage from cinch bugs, apply as soon as daily temperatures reach 80°F and repeat every two months. For sod

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webworms, delay watering or mowing the treated area for 12 to 24 hours after treatment.

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Area to be Treated	Amount of Dursban Lawn & Ornamental Insecticide used	Dilution with water to make
500 Sq. Ft.	7 1/2 fluid ounces	15 gallons
1,000 Sq. Ft.	15 fluid ounces	30 gallons
5,000 Sq. Ft.	75 fl. oz. (4 1/2 pints)	150 gallons
10,000 Sq. Ft.	5 guarts	325 gallons

To control turfgrass (hyperodes) weevils use twice the amount of Dursban Lawn & Ornamental Insecticide shown in the above table. Spray suspected areas in mid-April and again in mid-May. Consult your local Agricultural Extension Service specialist for proper time to treat in your area. To control white grubs (European chafer and Japanese beetle larvae only) use two to four times the amount of Dursban Lawn & Ornamental Insecticide shown in the table above. Spray when grubs are young and actively feeding near the soil surface, usually during late July and August or as recommended by your local Agricultural Extension Service specialist in your area. Immediately after spraying, irrigate the treated area with 1/2 to 1 inch of water to wash the insecticide into the underlying soil.

For standard 15 gallon hose-end applicators, add 7 1/2 fluid ounces to a quart bottle full of water. This will treat 500 square feet.

For control of imported fire ants, mix 4 ounces of Dursban Lawn & Ornamental Insecticide with 1 gallon of water and treat individual fire ant mounds as a drench. Gently sprinkle a total of 1 gallon of the diluted emulsion over the surface of each mound using a gentle spray such as a sprinkler can. Thoroughly wet mound and surrounding areas to a 4 ft. diameter (12 sq. ft.). For best results, apply in cool weather, 65° to 80° F, or in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

### Pests of Ornamentals

Use Dursban Lawn & Ornamental Insecticide to treat flowers, shrubs, vines, shade and flowering trees, and evergreens found to be infested with the pests listed in the table below. Apply using suitable hand or power spray equipment in a manner to provide complete and uniform coverage of infested plants. Avoid over spraying to the point of excessive runoff. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. DO NOT USE on azaleas, camellias, poinsettias and rose bushes because of possible injury to these plants.

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Pest Controlled		tion For Use On Ornamental Plants Amount Of Dursban Lawn & Ornamental Insecticide In Water To Make		
		1 gallon	3 gallons	10 gallons
Aphids Bagworms Eastern Tent Caterpillar Fall Webworm Grasshoppers	Mites Orangestriped Oakworm Spittlebugs Whiteflies Yellownecked caterpillar	1 2/3 fl oz	5 fl oz	1 pt
Cutworms Leafhoppers Mealybugs	Mimosa Webworm Redhumped caterpillar Thrips (exposed)	3 1/2 fl oz	10 fl oz	2 pt
Ash borer Lilac borer	Scale crawlers Oak lecanium Pine needle Tea White peach	7 fl oz	20 fl oz	2 qt

**Caution:** Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fish ponds and other bodies of water. Fish may be killed if their waters are contaminated.

## WARRANTY INFORMATION

(Subregistrant may include appropriate statements to address Warranty Disclaimer, Inherent Risks of Use or Limitation of Remedies pertaining to use of this product.)

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