

# BONIDE

## LAWN AND ORNAMENTAL INSECTICIDE w/DURSBAN\* 2E

ACCEPTED  
 JUN 1 1973  
 UNDER THE FEDERAL INSECTICIDE  
 FUNGICIDE AND RODENTICIDE ACT  
 FOR ECONOMIC POISON REGISTERED  
 UNDER NO. 4-700 SUBJECT  
 TO ATTACHED COMMENTS

**CONTROLS JAPANESE BEETLE, EUROPEAN CHAFER  
 LARVAE, CHINCH BUGS, SOD WEBWORMS (LAWN MOTHS), ANTS,  
 BROWN DOG TICKS, CUTWORMS, EARWIGS, GRASSHOPPERS, HYPERODES  
 WEEVIL ON LAWNS, AND CERTAIN INSECTS ON ORNAMENTALS**

**ACTIVE INGREDIENTS:**

Chlorpyrifos (O,O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate) ..... 24.5%  
 Xylene ..... 68.9%  
 Inert Ingredients ..... 6.6%

**INERT INGREDIENTS:**

\*DURSBAN® is a trademark of The Dow Chemical Co., U.S. Patent No. 3,244,586  
 Contains 2 pounds of chlorpyrifos per gallon.  
 TO BE APPLIED ONLY BY OR UNDER THE SUPERVISION OF PEST CONTROL OPERATORS,  
 PUBLIC HEALTH ORGANIZATIONS, MOSQUITO ABATEMENT DISTRICTS AND OTHER TRAINED  
 PERSONNEL RESPONSIBLE FOR INSECT CONTROL PROGRAMS.

**WARNING: KEEP OUT OF REACH OF CHILDREN**  
 (See side panel warnings)  
 NET CONTENTS 1 GALLON

Use DURSBAN 2E for control of certain pests of lawns and ornamental plants. Consult the following directions for dosage and application details to control the pest listed.

**TURF GRASS AREAS** Use DURSBAN 2E insecticide to control ants, brown dog ticks, chinch bugs, crickets, cutworms, earwigs, grasshoppers and sod webworms (lawn moths). Mix DURSBAN 2E with water according to directions given in the following table and apply as a coarse, low pressure spray using suitable application equipment. 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, re-treat as needed.

Area to be Treated	Amount of Dursban 2E	Dilute with Water to Give
500 sq. ft.	3/4 fl. oz.	15 gallons
1,000 sq. ft.	1 1/2 fl. oz.	30 gallons
5,000 sq. ft.	7 1/2 fl. oz.	150 gallons
10,700 sq. ft.	1 pint	325 gallons
One Acre	2 quarts	1300 gallons

**To Control Turfgrass (Hyperodes) Weevils** use twice the amount of DURSBAN 2E shown in the above TURF table, i.e., 1 gallon diluted in 1,300 gallons of water per acre. Spray suspected problem areas in mid-April and again in mid-May. Consult your local Agricultural Extension Service specialist for proper time to treat in your area.

**Note:** To help prevent infestation of buildings by ants, crickets, earwigs and sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to the building, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use the same dosage and dilution recommended for control of these pests on turf as shown in the above table. Apply as a coarse spray to thoroughly and uniformly wet the band area.

**To control larvae of Japanese Beetle and European Chafer** use 2 to 4 times the amounts of DURSBAN 2E shown in the above TURF table, i.e., 3 to 6 fluid ounces per 1,000 sq. ft., or 1 to 2 gals. per acre. Apply in enough water to obtain uniform coverage of the area treated followed immediately by thorough watering when grubs are young and actively feeding near the soil surface, usually during late July or August. Consult your local agricultural extension service specialist for proper time to treat in your area.

**ORNAMENTALS:** To control bagworms, cutworms, grasshoppers, leafhoppers, mealy bugs, mites, spittlebugs, thrips (exposed) and whiteflies on flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with these pests. Dilute DURSBAN 2E with water according to directions given in the following table and 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. Note — Do not use on azaleas, camelias, poinsettias, rose bushes or variegated ivy because of possible injury to these plants.

Pests Controlled	Amount of DURSBAN 2E in Water to Make		
	3 Gallons	10 Gallons	100 Gallons
Bagworms Grasshoppers Mites Spittlebugs Whiteflies	0.5 fl. oz.	1.6 fl. oz.	1 pint*
Cutworms Mealybugs Leafhoppers Thrips (exposed)	1 fl. oz.	3.2 fl. oz.	1 quart**

\*equivalent to 4 ounces of chlorpyrifos per 100 gallons.  
\*\*equivalent to 8 ounces of chlorpyrifos per 100 gallons.

**Note:** Mosquitoes coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions.

**WARNING (Lawn and Ornamental Plant Pests):** Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fishpools and other bodies of water. Fish may be killed if their waters are contaminated with this product. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

**WARNING:** May be fatal if swallowed. Combustible liquid. May be absorbed through skin. May be injurious to the eyes and skin. Do not get in eyes or on skin. Wash thoroughly after handling. Wash contaminated clothing before re-use. Flush contaminated eyes with plenty of water and get medical attention. Avoid breathing spray mist or vapors.

**Note to Physician:** Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine is antidotal.

Avoid spraying food crops. Keep away from food, feedstuffs and domestic water supplies. Keep container closed and away from heat and open flame. Handle concentrate in a ventilated area. Promptly crush empty container and bury with wastes in location away from domestic water supplies.

This product is toxic to fish, birds and other wildlife. Apply only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes. Keep out of lakes, streams, or ponds. Do not apply when weather conditions favor drift from areas treated.

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.

**NOTICE:** Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

Manufactured by  
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