

DM 12 4-200
1/25

B O N I D E

LAWN AND ORNAMENTAL
INSECTICIDE
W/DURSBAN* 2E

CONTROLS JAPANESE BEETLE, EUROPEAN CHAFER LARVAE, CHINCH BUGS,
SOD WEBWORMS (LAWN MOTHS), ANTS, ARMYWORMS, BLUEGRASS BILLBUG,
BROWN DOG TICKS, CHIGGERS, CLOVER MITE, CRICKETS, CUTWORMS,
EARWIGS, FLEAS, GRASSHOPPERS, TURFGRASS (HYPERODES) WEEVIL ON
LAWNS AND CERTAIN INSECTS ON ORNAMENTALS.

EPA Est. No. 4-NY-1 EPA Reg. No. 4-200

ACTIVE INGREDIENTS:

Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-
pyridyl) phosphorothioate)..... 24.5%
~~Xylene..... 68.9%~~

INERT INGREDIENTS:..... ~~6.6%~~ 75 50%

Contains 2 pounds of chlorpyrifos per gallon.
*DURSBAN® - Trademark of the Dow Chemical Co., U.S.
Patent No. 3,244,586

Contains Xylene.

TO BE APPLIED ONLY BY OR UNDER THE SUPERVISION OF PEST CONTROL
OPERATORS, PUBLIC HEALTH ORGANIZATIONS, AND OTHER TRAINED
PERSONNEL RESPONSIBLE FOR INSECT CONTROL PROGRAMS.

DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME

ACCEPTED
DEC 19 1957
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 4-200

KEEP OUT OF REACH OF CHILDREN
WARNING
(See side panel warnings)

NET CONTENTS

BONIDE LAWN AND ORNAMENTAL INSECTICIDE w/DURSBAN 2E,
EPA Reg. No. 4-200

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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.

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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Call a physician immediately.
IF ON SKIN: In case of contact, remove contaminated clothing and immediately wash skin with soap and water.
IF IN EYES: Flush eyes with plenty of water for 15 minutes. Call a physician.

Avoid spraying food crops. Keep away from food, feedstuffs and domestic water supplies.

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. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label.

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.

PHYSICAL OR CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame. Handle concentrate in a ventilated area.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

DISPOSAL

Do not reuse empty container. Wrap and put in trash collection.

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 pests listed.

TURF GRASS AREAS: Use DURSBAN 2E Insecticide to control ants, armyworms, brown dog tick, chiggers, chinch bugs, clover mite, crickets, cutworms, earwigs, fleas, 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.

USE RATE AND DILUTION TABLE FOR USE ON TURF		
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	1,300 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.

Bluegrass billbug: use 3 to 6 fl. oz. DURSBAN 2E per 1,000 sq. ft. Spray early in the season when adults first appear. Re-treat when needed.

ORNAMENTALS: To control aphids, ash borer, bagworms, cutworms, dogwood borer, eastern tent caterpillar, fall webworm, grasshoppers, leafhoppers, lace borer, mealybugs, mimosa webworm, mites, orangestriped oakworm, rehdumped caterpillar, scale crawlers (oak lecanium, pine needle, tea, white peach), spittlebugs, thrips (exposed), whiteflies and yellownecked caterpillar 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, camellias, poinsettias, rose bushes or variegated ivy because of possible injury to these plants.

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

Pests Controlled	Amount of DURSBAN 2E in Water to Make			
	3 Gallons	10 Gallons	100 Gallons	
Aphids Bagworms Eastern tent caterpillar Fall webworm Grasshoppers	Mites Orangestriped oakworm Spittlebugs Whiteflies	0.5 fl. oz.	1.6 fl. oz.	1 pint
Cutworms Leafhoppers Mealybugs	Mimosa webworm Redumped caterpillar Thrips (exposed)	1.0 fl. oz.	3.2 fl. oz.	1 quart
Ash borer Dogwood borer Scale crawlers	Scale crawlers Oak lecanium Pine needle Tea White peach	1.0 fl. oz.	3.2 fl. oz.	1 quart

*Equivalent to 4 ounces of chlorpyrifos per 100 gallons.
 **Equivalent to 6 ounces of chlorpyrifos per 100 gallons.
 ***Equivalent to 1 pound 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 the size of treated areas and weather conditions.

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FIRE ANTS: Mix at the rate of 1 fl. oz. per 2 gal. water, and apply 1 gal. of solution per mound. Thoroughly wet the mound and surrounding area to a 4 ft. diameter. For best results, apply in cool weather (65-80°F), or in early morning or late evening hours. Treat new mounds as they appear. Application should be as a gentle rain from a sprinkler can or using low pressure spray since pressurized sprays may disturb the ants causing migration and reducing product effectiveness.

Recommendations for use of this product are based upon tests believed to be reliable. The buyer must assume all responsibility for use of this product when not used in strict accordance with directions or established safe practice, or when used under abnormal conditions not reasonably foreseeable to the seller.

Packed by BONIDE CHEMICAL CO., INC., YORKVILLE, NY 13495