

SEP 6 1991

Dr. James A. Armbruster  
PBI/Gordon Corporation  
P.O. Box 4090  
Kansas City, Missouri 64101

Dear Dr. Armbruster:

Subject: Revised Labeling  
Acme Dursban Insecticide for Lawns and Ornamentals  
EPA Registration No. 33955-547  
Your Submission Dated July 31, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, and a stamped copy is enclosed for your records.

At the next printing of your label, or within the next 60 days, whichever comes first, delete the phrase "...and Other Domestic Areas" (it is used once on page 2 and twice on page 3). If you wish to retain this phrase, you must add some additional text to clarify it and then resubmit product labeling with another application for our review.

Sincerely yours,

DHE

Dennis H. Edwards, Jr.  
Product Manager (19)  
Insecticide-Rodenticide Branch  
Registration Division (H7505C)

Enc.

# ACME<sup>(R)</sup> DURS<sup>(R)</sup>BAN<sup>(R)</sup> INSECTICIDE for lawns & ornamentals

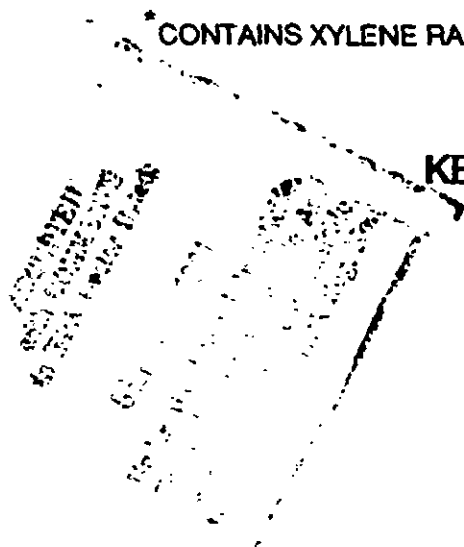
Controls: Chinch Bugs, Sod Webworms, Cutworms,  
Grasshoppers, Mealybugs, Leafhoppers and many other  
insects in home lawns and ornamental plants.

**ACTIVE INGREDIENTS:**

Chlorpyrifos (O,O-diethyl O-[3,5,6-trichloro-2-pyridyl] phosphorothioate).....	6.62%
INERT INGREDIENTS* .....	<u>93.38%</u>
<b>TOTAL</b>	<b>100.00%</b>

This Product Contains:  
0.50 lb. Chlorpyrifos insecticide per gallon.

\*CONTAINS XYLENE RANGE AROMATIC PETROLEUM SOLVENT



**KEEP OUT OF REACH OF CHILDREN**

## WARNING

See side panels for Precautionary Statements  
and Statement of Practical Treatment.

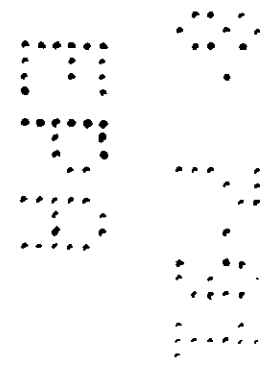
DURS<sup>(R)</sup>BAN<sup>(R)</sup> is a trademark of The Dow Chemical Company for chlorpyrifos insecticide.

NET CONTENTS ONE QUART

927/791 APXXXXXX

EPA REG NO. 33955-547  
EPA EST NO. 2217-KS-1

Distributed by ACME DIVISION  
PBI/GORDON CORPORATION  
KANSAS CITY, KANSAS 66118



**STOP! READ THE ENTIRE LABEL FIRST. OBSERVE ALL PRECAUTIONS AND FOLLOW DIRECTIONS CAREFULLY.**

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans & Domestic Animals:**

**WARNING-**This product may be fatal if swallowed. Do not take internally. It can be absorbed through skin and may be injurious to both skin and eyes. Do not get on skin or into eyes. Wash thoroughly after handling. Wash contaminated clothing before reuse. Do not breathe vapors or spray mist. Keep away from food, feedstuffs and domestic water supplies. Keep container closed when not in use and handle concentrate only in a ventilated area.

**KEEP CHILDREN AND PETS OFF OF TREATED AREAS UNTIL SPRAY IS WASHED INTO THE SOIL**

**Statement of Practical Treatment**

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

**If On Skin:** In case of contact, remove contaminated clothing and immediately wash skin with plenty of soap and water.

**If In Eyes:** Flush eyes with plenty of water and call a physician.

**If Inhaled:** Remove to fresh air if symptoms of cholinesterase inhibition appear and get medical attention.

**Note to Physician:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

**Environmental Hazards:** This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from target area. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

**Physical or Chemical Hazards:**

**COMBUSTIBLE!** Do not use or store near heat or open flame.

**DIRECTIONS FOR USE:**

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

**STORAGE & DISPOSAL**

**STORAGE:** Store in original bottle in a locked storage area inaccessible to children or pets.

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse empty container. Discard in trash.

**HOME LAWNS and OTHER OUTDOOR DOMESTIC AREAS:**

**SITES:** Use Acme Dursban for the control of pests listed in Table 1 for home lawns, picnic sites, recreational areas, and other outdoor domestic sites.

**SPRAY EQUIPMENT AND SPRAY VOLUME:** Apply Acme Dursban in water with hydraulic power sprayers, knapsack sprayers, hand-operated sprayers, or other suitable equipment. Spray volumes ranging from 1 to 5 gallons per 1000 sq.ft. will provide sufficient coverage. Apply as a coarse low pressure spray pattern.

**SPRAY PREPARATION:** See Table 1 for the preparation of spray solutions for home lawns and other domestic areas.

**APPLICATION SCHEDULE:** Treat problem areas when pests first appear. If retreatment is needed, observe a 7 day application interval.

**MANAGEMENT CARE:** For best results, the lawn should be moist at the time of treatment. Except for sod webworm, the lawn should be irrigated, sprinkled, or watered within 12 hours of treatment. For sod webworm, delay mowing and watering for 12-24 hours after treatment.

**PRECAUTIONS:** KEEP CHILDREN AND PETS OFF OF TREATED AREAS UNTIL SPRAY IS WASHED INTO THE SOIL

**TABLE 1. DOSAGE RATES OF ACME DURSBAN IN HOME LAWNS AND OTHER DOMESTIC AREAS.**

Site	Pests	Amount of Acme Dursban		Directions
		Fluid Ounces Per 1000 sq.ft.	Tablespoons Per 1000 sq.ft.	
Home Lawns and other Domestic Outdoor Sites	Ants, Armyworms, Brown Dog Ticks, Chiggers, Chinch bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers.	6	12	-Spray volumes ranging from 1-5 gallons per 1000 sq.ft. should provide complete coverage. -For best results, lawn should be moist at the time of application, and the lawn should be irrigated, sprinkled or watered after application.  -Retreat as needed.
	Sod webworms	6	12	-Spray volumes ranging from 1-5 gallons per 1000 sq.ft. should provide complete coverage.  -For best results, lawn should be moist at time of application. Delay mowing and watering for 12 to 24 hours after treatment.  -Retreat as needed.
	Turfgrass Weevil (Hyperodes)	12	24	-Spray problem areas in mid-April and mid-May, or as recommended by your State Agricultural Extension Service.

**ORNAMENTALS, OUTDOORS**

**SITES:** Use Acme Dursban for the control of the insect pests listed in Table 2 for flowers, shrubs, shade trees, flowering trees, evergreens, vines, and groundcovers.

**SPRAY EQUIPMENT AND SPRAY VOLUME:** Apply Acme Dursban in water with hydraulic/power sprayers, knapsack sprayers, hand-operated sprayers, or other suitable equipment. Apply a coarse spray to wet thoroughly the leaves, branches, limbs, and trunks. The wetting of infested limbs and trunks and the wetting of the upper and lower leaf surfaces will provide the best results. Avoid spray runoff.

**SPRAY PREPARATION:** See Table 2 for the preparation of three gallons of spray solution.

**APPLICATION SCHEDULE:** Treat ornamentals when pests first appear. If needed, repeat treatments at 7 day intervals.

**MANAGEMENT CARE AND LIMITATIONS:** Do not use on azaleas, camellias, pc nsettias, rose bushes, or variegated ivy because injury to these plants may occur.

**TABLE 2. DOSAGE RATES OF ACME DURSBAN FOR ORNAMENTS**

Site	Pests	Amount of Acme Dursban		Directions
		Fluid Ounces Per 3 gallons	Tablespoons Per 3 gallons	
Ornamentals, Flowers, Shrubs, Shade Trees, Flowering Trees, Ever- greens, Ground Covers.	Aphids, Bagworms, Eastern Tent Caterpillar, Fall Webworm, Grass- hoppers, Mites, Orangestriped Oakworm, Spittlebugs, Whiteflies, Yellownecked Caterpillar.	2	4	For all insect pests: -Treat when specified insects appear and observe 7 day application interval if re- treatment is needed.
	Cutworms, Leafhoppers, Mealybugs Mimosa Webworm, Redhumped Cater- pillar, Thrips (exposed).	3	6	
	Ash Borer, Lilac Borer, Scale Crawlers: Oak Iecanium, Pine Needle, Tea, White Peach.	8	16	

**LIMITED WARRANTY AND DISCLAIMER.**

The manufacturer warrants only that the chemical composition of this product conforms to the ingredient statement given on the label, and that the product is reasonably suited for the labeled use when applied according to the Directions for Use.

THE MANUFACTURER NEITHER MAKES NOR INTENDS ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, WHICH ARE EXPRESSLY DISCLAIMED. This limited warranty does not extend to the use of the product inconsistent with label instructions, warnings or cautions or to use of the product under abnormal conditions such as drought, excessive rainfall, tornadoes, hurricanes, etc. These factors are beyond the control of the manufacturer or the seller. Any damages arising from a breach of the manufacturer's warranty shall be limited to direct damages, and shall not include indirect or consequential damages such as loss of profits or values, except as otherwise provided by law.

The terms of this Limited Warranty and Disclaimer cannot be varied by any written or verbal statements or agreements. No employee or agent of the seller is authorized to vary or exceed the terms of this Limited Warranty and Disclaimer in any manner.