

BLACK LEAF (R) DURSBAN (BLEAF\DURSBAN)
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Sizes:

BLACK LEAF (R)
Since 1879

Dursban (R)*

Controls imported fireants and soil insects

Also controls ants, grubs, armyworms, sod web-worms, crickets and other listed pests on turf and ornamental plant. Recommended for mosquito and area control of grasshoppers, ticks and chiggers.

ACTIVE INGREDIENTS:

Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate.....	6.6%
Xylene-range aromatic solvent.....	84.1%
Inert Ingredients.....	9.3%
TOTAL	100.0%

Contains .5 pounds of chlorpyrifos per gallon
*DURSBAN is a registered trademark of the Dow Chemical Company

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for statement of Practical Treatment and other precautionary statements.

EPA REG. NO. 5887-144
EPA EST. NO. 70-KY-1
NET CONTENTS 1 PINT (16 Fl. Oz.)

PRECAUTIONARY STATEMENTS
DIRECTIONS FOR USE

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

IMPORTED FIRE ANT: Treatment of fire ant mounds. Apply **DURSBAN** as a drench diluted at the rate of 4 fl. oz. per 2 gallons of water. Gently sprinkle a total of 1 gallon of the diluted solution over the surface of each mound using a sprinkler can. Thoroughly wet mound and surrounding area to a 4 ft. diameter (12 sq. ft.). For best results apply in cool weather, 65-80 F, sprays may disturb the ants and cause migration, reducing product effectiveness. Place required amount (see attached hang tag) of **BLACK LEAF DURSBAN** in a 15 gallon hose end sprayer, add water, mix, attach to sprayer and apply as suggested.

This product is labeled for use in accordance with the EPA Registration Review Product Guidance for Phase 2 Pesticides, 40 CFR 155.210, Active to Inert Change in Status

STORAGE AND DISPOSAL

STORAGE: To be stored in the original container and placed in areas inaccessible to children.

PESTICIDE DISPOSAL: Product remaining in original container should be disposed of by securely wrapping original container in several layers of newspaper and discarding in trash.

CONTAINER DISPOSAL: Do not reuse empty container; discard empty container in trash.

NOTICE: Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

DURSBAN (R) is a registered trademark of The Dow Chemical Co., U.S. Patent No. 3,244,586.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician immediately. Give a large amount of water to drink and make person vomit under a physician's supervision. If on skin: wash skin with soap and water. If in eyes: wash eyes with fresh water for 15 minutes. If irritation continues, see a physician.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Atropine is antidotal. 2-PAM is also antidotal and may be used in conjunction with atropine but should not be used alone.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed or absorbed through the skin. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling. Keep children and pets off treated areas until spray has dried. Do not treat pets with this product.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor draft from treated areas. 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. Do not use on vegetable or food crops. Do not use on azaleas, camellias, poinsettias, rose bushes or variegated ivy because of possible injury to these plants.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

BEFORE USING THIS PRODUCT, READ CAREFULLY THE COMPLETE PRECAUTIONS AND DIRECTIONS FOR USE ON THE ATTACHED HANGTAG.

UPC CODE # 76842 00361



DISTRIBUTED BY
BLACK LEAF PRODUCTS COMPANY
BUCKNER, KENTUCKY 40010
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(BROCHURE)

LAWN PESTS: To control listed pests on lawn and recreational turf grass areas, the lawn should be moist at time of treatment. Apply as a coarse, low pressure spray. Thoroughly water immediately after treatment (except noted) to wash the insecticide into the turf.

ORNAMENTAL PESTS: To control listed pests of flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested; dilute **DURSBAN** with water according to directions given in the hang tag and apply using hose end sprayer or power spray equipment in a manner to provide complete and uniform coverage. For best results apply a wetting spray to both upper and lower leaf surfaces and infested limb and trunk areas. Attempt to penetrate dense foliage but avoid overspraying to the point of excessive runoff. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. For Peach Tree Borer apply to flowering trees and shrubs of the Genus *Prunus* in water as a truck spray before newly hatched larvae enter the trees. Apply as a coarse, low-pressure spray. Thoroughly wet all bark areas from ground level to scaffold limbs. Consult your State Agricultural Experiment Station or Extension Service specialist for proper time to treat in your area.

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

PESTS
CONTROLLED

REMARKS

Ants	Use 3 fl. oz. of DURSBAN in 15 gallons of water to treat 500 sq. ft. (6 fl. oz. in 30 gallons covers 1000 sp. ft.). Spray when pests first appear. Treat entire lawn. Do not attempt to control lawn pests by spot spraying. Sprays are most effective if applied during 2-hour period prior to darkness when lawn insects become active. Re-treat when needed. Mow lawn and water well 1-2 days before treatment. For Sod webworms delay watering or mowing the treated area for
Army worms	
Chiggers	
Chinch bugs	
Clover mites	
Crickets	
Cutworms	
Earwigs	
Fleas	
Grasshoppers	
Sod webworms	
Ticks	

12 to 24 hours after treatment. To help prevent infestation of buildings, 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 when pests are active.

White grubs
(European chafer
and Japanese
beetle larvae
only)

Use 6 to 12 fl. oz in 15 gallons of water to treat 500 sq. ft. (12 to 24 fl. oz in 30 gallons covers 1000 sq. ft.). Treat entire lawn. For White grubs 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 for 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.

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

Pests Controlled	Amount of DURSBAN in Water to Make	
	6 gallons	15 gallons
Aphids	6 fl. oz	9.6 fl. oz
Bagworms		
Eastern tent caterpillar		
Fall webworms		
Grasshoppers		
Mites	6 fl. oz	9.6 fl. oz
Orangestriped oakworm		
Spittlebugs		
Whiteflies		
Yellownecked caterpillar		
Cutworms	8 fl. oz	19.2 fl. oz
Leafhoppers		
Mimosa webworm	8 fl. oz	19.2 fl. oz
Redhumped caterpillar		
Thrips (exposed)		
Ash borer	16 fl. oz	38.4 fl. oz
Dogwood borer		
Lilac borer		
Rhododendron borer		
Scale crawlers:	16 fl. oz	38.4 fl. oz
Oak lecanium		
Pine needle		
Tea		
White peach		
Peach tree borer	48.4 fl. oz	3-3/4 qts

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.

B →

ATTACHMENT I

A. ACTIVE INGREDIENTS:

Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate	6.6%
Inert Ingredients*	93.4%
Total	<u>100.0%</u>

Contains .5 pounds of chlorpyrifos per gallon
 * Contains Xylene Range Aromatic Solvent

B. (pg. 4) Black Leaf Products
 A Division of Wilbur-Ellis Company
 Buckner, Kentucky 40010