

icide is to be sold only in this original,

**RATES to USE for MOSQUITO CONTROL**

Amount to Use per Acre		Number Acres 1 Gallon of DURSIBAN 2 EC Will Treat
Dursban 2 EC (fluid ounces)	Chlorpyrifos (Pounds)	
0.8 to 1.6	0.0125 to 0.025	160 to 80
1.6 to 3.2*	0.025 to 0.05*	80 to 40
1.6	0.025	80
3.2*	0.05*	40

age will also give faster knockdown and fish. Do not apply to water contain- cover.

**Use Control:** Dursban 2 EC is toxic to and fish. Consult your State Fish and before using this product for mos-

Chemical Division

New York 13201

8590-394

D-PA-1

TRI. 10-74



# DURSIBAN\* 2EC

**Controls Pest of Households** (Cockroaches, Ants, Brown Dog Ticks, Silverfish, Spiders), **Turf** (Chinch Bugs, Sod Webworms, Ants, Brown Dog Ticks, Cutworms, Earwigs, Crickets, Grasshoppers, Certain White Grubs, Hyperodes Weevil) and **Ornamental Plants** (Bagworms, Grasshoppers, Leafhoppers, Spittlebugs, Mealybugs, Whiteflies, Exposed Thrips, Mites, Cutworms). **Also Recommended for Mosquito Control and Area Control of Ticks.**

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.

Contains 2 pounds of chlorpyrifos per gallon.

**ACTIVE INGREDIENTS:**

Chlorpyrifos [O, O-diethyl O- (3, 5, 6-trichloro-2-pyridyl) phosphorothioate]	22.4%
Aromatic petroleum derivative solvent	44.1%
<b>INERT INGREDIENTS:</b>	<b>33.5%</b>
	<b>100.0%</b>

\*DURSIBAN®—registered trademark of The Dow Chemical Company—U.S. Patent No. 3,244,586

## WARNING: KEEP OUT OF REACH OF CHILDREN

See additional cautions, warnings and directions elsewhere on label.

## CAUTION

**WARNING: KEEP OUT OF REACH OF CHILDREN. MAY BE FATAL IF SWALLOWED. MAY BE ABSORBED THROUGH SKIN. MAY BE INJURIOUS TO EYES AND SKIN. COMBUSTIBLE.**

Do not take internally. 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 prompt medical attention. Avoid breathing vapors and spray mist. Avoid spraying food crops. Keep away from food, feedstuffs and domestic water supplies. Keep container closed. Do not use, pour, spill or store near heat or open flame. Handle concentrate in a ventilated area.

**NOTE TO PHYSICIAN:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

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 drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not reuse this empty container. Destroy by burying with wastes or burning. Stay away from smoke or fumes.

## DIRECTIONS

READ THESE ENTIRE DIRECTIONS AND WARRANTY OF SALE. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS.

**PESTS INDOORS:**

**General Information:** Use Dursban 2 EC insecticide as a spot treatment to control cockroaches, ants, crickets, firebrats, silverfish, spiders and brown dog ticks in and around residential, institutional and commercial buildings including homes, apartment buildings, hospitals, stores and warehouses. Dilute Dursban 2 EC with water or with a suitable base oil to make a 0.25% or 0.5% chlorpyrifos spray as shown in the following SPRAY DILUTION CHART. Apply according to directions given for pests listed. Repeat the treatment as needed.

Gal. of Spray Mixture Desired
Water-base spray
1
3
5
10
Oil-base spr.**:
1
3
5
10

\*Note: 1 fluid spoonfuls.

\*\*Calculated on b

Note: Where qu action" is desire (synergized pyrethure containing results, use dich both water and 0.25% in water- Consult labeling e duct used to deter desired spray con use and handling. **Cockroaches** (incl other insecticides) **Spiders:** Use a 0. tations and a 0. infestations. Appl brush to localized or normally occu and closets; crack behind baseboard refrigerators and utility installation around doors and pests may find en is normally require **Brown Dog Ticks:** spot treatment to resting quarters; behind baseboard ized areas of fle pests may be pre removed and repl treatment. Do not

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SPRAY DILUTION CHART

Gal. of Spray Mixture Desired	Fluid Oz.* of Dursban 2 EC to Use	
	0.25% spray	0.5% spray
<b>Water-base spray:</b>		
1	1 1/3	2 2/3
3	4	8
5	6 2/3	13 1/3
10	13 1/3	26 2/3
<b>Oil-base spr.**:</b>		
1	1	2
3	3	6
5	5	10
10	10	21

\*Note: 1 fluid ounce = 2 tablespoonfuls = 6 teaspoonfuls.

\*\*Calculated on basis of deodorized kerosene.

Note: Where quick "knockdown" and/or "flushing action" is desired, dichlorvos (DDVP) or pyrethrins (synergized pyrethrum) may be added to the spray mixture containing Dursban 2 EC insecticide. For best results, use dichlorvos at a concentration of 0.25% in both water and oil-base sprays; use pyrethrins at 0.25% in water-base and 0.05% in oil-base sprays. Consult labeling for the dichlorvos or pyrethrins product used to determine the amount needed to give the desired spray concentration. Also read and observe all use and handling precautions for these products.

**Cockroaches** (including strains resistant to certain other insecticides), **Ants**, **Crickets**, **Firebrats**, **Silverfish**, **Spiders:** Use a 0.25% spray to control light infestations and a 0.5% spray to quickly reduce heavy infestations. Apply as a coarse spray or with a paint brush to localized areas where these pests are found or normally occur, including dark corners of rooms and closets; cracks and crevices in walls; along and behind baseboards; beneath and behind sinks, stoves, refrigerators and cabinets; around plumbing and other utility installations. For ants apply to ant trails, also around doors and windows and wherever else these pests may find entrance. Note: A period of 4 to 7 days is normally required for maximum effect on cockroaches.

**Brown Dog Ticks:** Thoroughly apply a 0.5% spray as a spot treatment to infested areas such as pet beds and resting quarters; nearby cracks and crevices; along and behind baseboards, window and door frames and localized areas of floor and floor covering where these pests may be present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. Do not treat pets with this product.

**Warning (Pests Indoors):** For Spot Application Only. Do not use in poultry houses, other animal buildings or in edible products areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed. Do not allow spray to contact food, feedstuffs, and water supplies. Thoroughly wash dishes and food handling utensils with soap and water if they become contaminated by application of this product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls (tanks) before spraying.

## PESTS OUT-OF-DOORS:

**General Information:** Use Dursban 2 EC for control of certain pests of lawns and ornamental plants, for area control of ticks and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

**Pests of Lawns and other Ornamental and Recreational Turf Grass Areas:** Use Dursban 2 EC insecticide to control ants, brown dog ticks, chinch bugs, crickets, cutworms, earwigs, grasshoppers and sod webworms (lawn moths). Mix Dursban 2 EC 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 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.

DOSAGE and DILUTIONS for USE on TURF

Area to be Treated	Amount of Dursban 2 EC	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 2 EC 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

Kills chinch bugs, cutworms, earwigs, sod webworms (lawn moths), certain white grubs infesting home lawns and other ornamental turf areas.

**WARNING:**  
**KEEP OUT OF REACH OF CHILDREN.**

See additional cautions and warnings elsewhere on panel.

<b>ACTIVE INGREDIENTS:</b>	
Chlorpyrifos [O, O-diethyl O-(3, 5, 6-trichloro-2-pyridyl) phosphorothioate]	22.4%
Xylene	44.1%
<b>INERT INGREDIENTS:</b>	33.5%
Total	100.0%

\*Dursban®—registered trademark of The Dow Chemical Company—U.S. Patent No. 3,244,586. Contains 2 lbs. of chlorpyrifos per gallon.

# DURSBAN® 2EC LAWN INSECTICIDE



NEED NOT BE USED IN ALL AREAS

**WARNING:** Keep out of reach of children. May be fatal if swallowed. May be absorbed through skin. May be injurious to the eyes and skin. Combustible.

Do not take internally. Do not get in eyes or on skin. Do not smoke while using. 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. Do not spray vegetable gardens or other plants used for food purposes. Keep away from food, feedstuffs, and domestic water supplies. Keep container closed. **KEEP AWAY FROM HEAT AND OPEN FLAME.** Handle concentrate in a ventilated area. Keep children and pets off treated areas until spray has dried.

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 drift from areas treated. Apply this product only as specified on this label. Do not contaminate water by cleaning of equipment or disposal of wastes.

Do not reuse empty container. Rinse with water and discard in a safe place, preferably by burying in a location away from domestic water supplies. Bury unused chemical and spray mixture as well as rinse wastes in same manner as container.

**NOTE TO PHYSICIAN:** Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

## DIRECTIONS

READ THESE ENTIRE DIRECTIONS AND WARRANTY OF SALE. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS.

Use Dursban 2EC Lawn Insecticide to control chinch bugs, sod webworms (lawn moths), earwigs, cutworms, infesting home lawns and other ornamental and recreational turfgrass areas. Mix Dursban 2EC Lawn Insecticide with water according to directions given in the following table and apply as a coarse (large droplet) spray using a low pressure sprayer such as a knapsack type, hose attached applicator or other similar equipment. For best results, the lawn should be moist at time of application and care should be taken to obtain complete and uniform coverage of pest infested areas. Spray when pests first appear; re-treat when needed. One application usually will control chinch bugs for up to 8 weeks.

ACCEPTED WITH COMMENTS

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