

ACTIVE INGREDIENTS:
Chlorpyrifos (O,O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate).
Inert Ingredients:
Aromatic petroleum derivative solvent
Contains 2 pounds of chlorpyrifos per gallon

22.4%
71.0%
6.6%

CUSTOM DURSBAN* 2E INSECTICIDE

To Be Applied Only
the Supervision of
Operators, Public Health

USE DIRECTIONS

PESTS INDOORS. General Information: Use DURSBAN 2E 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 2E 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.

SPRAY DILUTION CHART

U.S. Patent No. 3,244,588

Gallons of Spray Mixture Desired	Fluid Ounces of DURSBAN 2E to Use	
	0.25% spray	0.5% spray
Water-base spray:		
1	1 1/2	2 1/2
3	4	8
5	6 1/2	13 1/2
10	13 1/2	26 1/2
Oil-base spray:		
1	1	2
3	3	6
5	5	10
10	10	21

Note: 1 fluid ounce = 16 tablespoons = 6 teaspoons.
Calculated on basis of deodorized kerosene.

Note: Where quick knockdown and/or flushing action is desired, dichlorvos (DDVP) or pyrethrins may be added to the spray mixture containing DURSBAN 2E 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 normal, required for maximum effect on cockroaches.

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.

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.

PESTS OUT-OF-DOORS. General Information: Use DURSBAN 2E 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 2E in amounts to control ants, brown dog ticks, chiggers, bugs, cutworms, earwigs, grasshoppers and sod webworms, lawn moths. Mix DURSBAN 2E with water according to directions shown in the following table and apply as a coarse, low pressure spray, using suitable application equipment. For best results, the lawn should be mowed after treatment and care should be taken to obtain complete and uniform coverage of pest infested areas. Spray when pests first appear in the area treated.

DOSAGE and DILUTIONS for USE on TURF

Area to be Treated	Amount of DURSBAN 2E	Dilute with Water to Give
100 sq ft	1 oz	10 gallons
1,000 sq ft	11 1/2 oz	100 gallons
10,000 sq ft	111 1/2 oz	1,000 gallons
100 ft. x 100 ft.	1 pint	100 gallons
One Acre	2 quarts	1,000 gallons

Note: In the event of the death of birds, do not apply to lawns and other areas where birds are present. Do not apply to areas where there is a possibility of water runoff into lakes, streams, ponds, etc. Do not apply to areas where there is a possibility of water runoff into bodies of water. Do not apply where runoff into lakes, streams, ponds, etc. may be present. Do not apply where runoff into bodies of water is likely to occur. Fish and crustaceans may be contaminated with this product.

To Be Applied Only
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Operators, Public Health

SEE SIDE PANEL
ADDITIONAL W
DOSAGE and DILUTIONS for USE
ORNAMENTAL PLANTS

Pests Controlled	Amount of DURSBAN 2E in 1 Gallon	
	3 gallons	10 gallons
Bagworms		
Grasshoppers		
Moles	0.5 fl oz	1.6 fl oz
Spittlebugs		
Whitetflies		
Cutworms		
Mealybugs		
Leafhoppers		
Thrips (exposed)	1 fl oz	3.2 fl oz

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 plant pests will be killed for varying periods of time after the exposure of treated areas to weathering conditions.

Warning (Lawn and Ornamental Plant Pests): Keep children away until spray has dried. Keep out of lawn and garden fishpools and fish may be killed if their waters are contaminated with this product. Runoff is likely to occur. Do not apply when weather conditions treated. Note - Do not use on azaleas, camellias, poinsettias or variegated ivy.

Area Control of Ticks: Use DURSBAN 2E to control ticks in areas such as roadsides, footpaths and trails, picnic and camp areas and other recreational areas where these pests are present and create a public health problem. Apply DURSBAN 2E in water at the equivalent to 1 fluid ounce per 2,700 sq ft using a hydraulic side knapsack sprayer or other suitable hand or power spray equipment. Brush, grassy areas, weeds and ground surface and debris using to obtain thorough coverage, usually 40 to 100 gallons per acre.

Warning (Area Control of Ticks): Do not allow public use of application or until spray has dried. Do not apply when weather from treated areas. Do not apply where runoff into lakes, streams, ponds, etc. may be present. Do not apply where runoff into bodies of water is likely to occur. Fish and crustaceans may be contaminated with this product.

DURSBAN® 2E INSECTICIDE

To Be Applied Only By or Under
the Supervision of Pest Control
Operators, Public Health Organizations

Warning: KEEP OUT OF REACH OF CHILDREN SEE SIDE PANEL FOR ADDITIONAL WARNINGS

ly apply a 0.5% spray as a spot treatment to infested areas
quarters, nearby cracks and crevices, along and behind
or frames and localized areas of floor and floor covering
present. Old bedding of pets should be removed and re-
ding after treatment. **Do not treat pets with this product.**

General Information: Use DURSBAN 2E for control of larval plants for area control of ticks and for mosquito control. For directions for dosage and application details to control

Ornamental and Recreational Turf Grass Areas: Use to control ants, brown dog ticks, chinch bug, cutworms, grubs and sod webworms. Lawn mows. Mix DuPSBAN 2F at the directions given in the following table and apply as a coating. Suitable application equipment for best results. The last treatment of the year should be taken to get the most infested areas. Spray when pest's first appearance.

and DILUTIONS for USE on TUBE

Amount of DURSBAN 2E		Dilute with Water to Give
1/4 oz	1	1/4 gallon
1/2 fl oz	1	1/2 gallon
1 1/4 oz	1	1/2 gallon
1 pint	1	1/2 gallon
2 quarts	1	1/2 gallon

over of buildings by ants, insects, earthworms and sowbugs and 6 to 10 feet wide around it had been to the base of the plants at a height of 2 to 3 feet where pests were five and one-half times as numerous as in untreated plots. The results above indicate that applying insecticidal spray to trees roughly every

Answers and Explanations 25 to Chapter 10 Models

Pests Controlled	Amount of SUMERIAN 2E in Water to Make		
	3 gallons	10 gallons	100 gallons
Bagworms			
Grasshoppers			
Mites	0.5 fl oz	1.6 fl oz	1 pint
Spittlebugs			
Whitetides			
Cutworms			
Mosquitoes			
Leathoppers	1 fl oz	3.2 fl oz	1 quart
Thrips (exposed)			

Equivalent to 4 ounces of chlorpyrifos per 100 gallons
Equivalent to 8 ounces of chlordimeform 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. Note - Do not use on azaleas, camellias, poinsettias, rose bushes.

Area Control of Ticks: Use DURSBAN 2E to control ticks infesting non-crop land areas such as roadsides, footpaths and trails, picnic and camping sites, parks and other recreational areas where these pests are present and create a nuisance or possible public health problem. Apply DURSBAN 2E in water at the rate of 1 pint per acre (equivalent to 1 fluid ounce per 2,700 sq ft) using a hydraulic sprayer, mist applicator, knapsack sprayer or other suitable hand or power spray equipment. Treat low underbrush, grassy areas, weeds and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gallons per acre.

Warning (Area Control of Ticks). Do not allow public use of treated areas during application or until spray has dried. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff into lakes, streams, ponds or other bodies of water is likely to occur. Fish and crustaceans may be killed if their waters are contaminated with this product.

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

Av. J. S. Spreckels, San Diego, Calif., U.S.A.

Note in Phys. 11

This product is toxic to fish, birds, and other wildlife.

Keep out of any body of water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Use this product only as specified on this label.

Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

CONTAINER DISPOSAL

Rinse equipment and containers and dispose of wastes by burying in non crop lands away from water supplies. Containers should be disposed of by punching holes in them and burying with wastes, or by burning. Keep out of smoke.

CUSTOM CHEMICIDES INC.

BERKELEY, CALIFORNIA

Net contents one gallon

EPA Reg. no. 9319-20

EPA Est. no. 9319-CA-1

ACCEPTED