

COMPANY 10370 - NUMBER 10370 -

PRODUCT 65
SERIAL NO.

LABEL APPROVAL 928-84 DATE

DURSBAN®

INSECTICIDE

CONTROLS PESTS OF HOUSEHOLD (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 (aphids, bagworms, grasshoppers, leafhoppers, spittlebugs, mealybugs, whiteflies, exposed thrips, miles, cutworms). ALSO RECOMMENDED FOR MOSQUITO CON-TROL AND AREA CONTROL OF TICKS.

To be applied only by or under the Supervision of Pest Control Operators and other Trained Personnel responsible for Insect Control Programs

ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichlo-o-2-pyridyl) Phosphol	othicale)
Arontatic Petroleum Distiliate	
NERT INGREDIENTS:	
Total	
CONTAINS 4 LBS CHLORPYRIFOS PER GALLÓN	
DURSBANN — Trademark of The Dow Chemical Company	

KEEP OUT OF REACH OF CHILDREN WARNING STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician immediately, IF ON SKIN: Wash thoroughly with soap and warm water. IF IN EYES: Flush eyes with plenty of water, Call a physician if irritation persists. NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically, atropine is an antidote, 2-PAM is also antidotal and may be administered in conjunction with atropine.

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 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 crops. Protective information may be obtained from your Cooperative Agricultural Extension Service,

PHYSICAL AND CHEMICAL HAZARDS

Keep container closed, DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME, Handle concentrate in a ventilated area.

EPA Est. No. 10370-TX-1

NET CONTENTS: ONE GALLON

EPA Res. No. 10319-05

Chemical & Service, Inc.

PASADENA EXAS 77502

STORAGE AN

USE DIRE

----agerby to commer ingel with IN I SPOT TREATMENT IN M - 64 CRACK AND CREVICE TREATME whiches in the ON paul DUCT IN THE FOOD A ESTABLISHMENTS OTHER THE MENT, ARE NOT PERMITTED.

SPRAY D	
Gattern of Spray Moure Desired	23
Water-base spray 1 3 9 10	•
OH-Base Spray:** 1 3 5 10	

Note: 1 fluid ounce = 2 table "Calculated on basis of de NOTE: Where quick "kneckde ired, sichleries (DDVP) or ey mixture.For best results, use dici in both water and oil-bean sersy: base and 0.5% in oil-base spray vos or pyrethrine preduct used b give the degless spray concentre ling proceutions for H and has COCKROACHES Includ ing birb HOMELANTS, CRICKETS, FIRES a 0.25% control light infestal heavy infestations, FOR SPOT T or with a paint brush to localized or normality occur, including di cracks and crovices in walls; also and bohind sinks, sloves, reinge bing and other utility inetalleties

CONTINUED FROM SIDE PANEL

around doors and windows and wherever also those posts may find antrance. Note: A partial of 4 to 7 days to normally required for maxim effect en cectivenches. FOR CRACK AND CRÉVICE TREAT-MENT carefully apply the spray into localized epenings that are or may become harberages and entries for insect seets. Such openings commenty occur at espanalen joints, between different us of construction, and between equipment and floors. These epenings may lead to valde such as hollow walls, equipment legs and bears, conduits, motor housings, junction or switch boxes. Make the treatment using low pressure (20 pel or least and a straight grin) streem er cearse fan nozzie so as te avoid possible atomizalien or aplashing of the apray. Apply only one ugh apray to thoroughly cover the concested finalds) surfaces of the openings treated, using particular care to avoid runoff and unnecessary contamination of expected surfaces of floors, walte and equipment. Do not allow the seray to centact lead or food-contacting surfaces. Prior to application de-energiae electrical equipment. After application allow time for all to evaporate before starting motors or placing switches In the ON position, APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN CRACK AND CREVICE TREATMENT ARE NOT PERMITTED. FOR CONTROL OF FLEAS AND BROWN DOG TICKS, thoroughly apply a 0.5% agray as a spot treatment of infested sress such as set bade and reeting quarters, rerby cracks and crevices, along and behind beesboards, window any and increes and localized areas. of floor and floor covering where these posts may be present. Old bedding of sets should be removed and replaced with clean, fresh bedding after treatment. DO NOT TREAT PETS WITH THIS

WARNING

WARNING (PESTS INDOORS): Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls (tanks) before spraying. Do not allow spray to contact food, feedstuffs, and water supplies. Thoroughly wash dishes and load handling utenells and surfaces with soap and water if they become contaminated by populcation of this procudt. DO NOT USE DURSBAN 4E FOR SPOT TREATMENT in poultry houses, other animal buildings, or in edible products areas of food processing plants, restaurants, or other areas where food is commercially prepared and processed. Do not use in serving areas while food is exposed.

PESTS OUT-OF-DOORS; General information: Use DUPSBAN 4-E insecticide for control of certain peets 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 peets listed.

PESTS OF LAWNS AND OTHER ORNAMENTAL AND RECEREATIONAL TURF GRASS AREAR Use DURSSAN 4-E insecticide to control anta, brown dog ticks, chinch bugs, crickets, cutworms, servigs, grasshoppers and sod webworms (lewn moths). Mix DURSSAN 4-E with water according to directions given in the following table and apply as a coarse, low-pressure sprsy using suitable application equipment. For best results, the lawn should be molet at time of treatment, and care should be taken to obtain complete and uniform coverage of pest infested sneas. Sprsy when pests first appear, retreat when needed.

DOSAGES AND DILUTIONS for USE on TURF

Area to be Treated	Amount of DURSEAM 4-E	(Meta with Water to Give
500 eq. ft.	34 fl. qz.	15 gallons
1,000 sq. ft.	3/4 ft. oz.	30 gallons
5,000 sq. ft.	3-31/4 ft. az.	150 gallons

DOSAGE AND DILUTIONS FOR USE ON TURF

Area to be Treated	Amount of OURSEAN 4-E	Office with Water to Sive	
10,700 eq. ft.	Vs pini	325 gallans	
ONE OCTE	1 mert	1,300 callens	

TO CONTROL CERTAIN WHITE BRUBS parvise of European choice and Japanese bestied use two to fear times the ampunite of DURBEAM (E shown in the TURF Lable, I e 1 % to 3 it. e. or 1,000 set. P. or 1 is 1 by plane per serve. Apply in enough water to obtain uniform obverage of the area treated fellowed by therough watering on the best to which the insecticide into the turf. For best results treat when grubs are young and actively leading near the self aurizon, usually during late July and August. Consult your local Agricultural Extension Service specialist for proper time to treat in your area.

TO CONTROL TUNFORARS INTPERIODES) WEEVILS use twice the amount of OURSBAN 4E shown in the stove TUNF table, i.e., I gaten diluted in 1,300 galtons of water per acres. Spray suspected problem areas in mid-April and again in midter troot in your secal Agricultural Extension Service specialist for proper time to troot in your area.

NOTE: To help present infestation of buildings by ants, crickets, earnings and sembling stillings), treat a band of self 6 to 16 feet wide around and adjacent to the building slot the building loundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use the same dosage and dilution recommended for central of those pests on but as shown in the above lable. Apply as a coarse spray to theroughly and uniformly well the band area.

PESTS OF ORNAMENTALS:Use DURSBAN 4E to control sphids, begworms, cutworms, grasshoppers, leathoppers, mealybugs, mites,

ttlebugs, thrips (exposed) and whitefiles on flowers, shrubs, vines, shade and flowering trees and evergreens found to be intested with these peets. Dilute DURSBAN 4E 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 intested 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, camelias, point-settias, rose bushes or variegated by because of possible injury to these plants.

DOBAGES and DILUTIONS for USE on DRHAMENTAL PLANTS

	Amount of DURSBAN 4-E in Water to Make			
Posts Controlled	3 gallens 18 gallons		100 gallens	
Aphids, Bagworms, Grasshoppers, Miles, Spittlebugs, Whiteflies	0 25 ft oz.	.a fl.oz.	⅓ pint*	
Cutworms, Mealybugs, Leafhoppers, Thrips (Exposed)	.50 ll č.	1, 6 ff.oz	1 pint*	

*Equivalent to 4 ounces of chlorpyrifos per 100 gallons *Equivalent to 8 ounces of chlorpyrifos per 100 gallons

NOTE:Mosquitos 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 sprey has dried. Keep out of lawn and garden fish-pools 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.

AREA CONTROL OF TICKS: Use DURSBAN 4E to control ticks infesting non-crop land areas such as read-lides, footpaths and trails, picnic and camping sites, parks and other recreational areas where these pasts are present and create a nuisance or possible health problem. Apply DURSBAN 4E in water at the rate of 1 pint per acre (equivalent to 1 ff. ez. per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack aprayer or other suitable hand or power spray equipment. Treat low under-brush, grassy areas, weeds and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 pals, 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 takes, 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.

MOSQUITOS: Apply DURSBAN 4E to mosquito infested non-crop areas according to the conditions and rates shown in the following table. Mix DURSBAN 4E with either water or oil, sich as Kerosene or No. 2 fuel oil, using sufficient spray volume to give uniform coverage of area atreated. Apply the spray using suitable application equipment such as afind and power ground sprayers, mist applicators and aerial spray equipment.

CONDITIONS and RATES to USE for MOSQUITO CONTROL

Condition of Area to be Treated	Amount to Use per Acre		H umber Acres	
	DURSBAN 4 E (Ruid ounces)		I Gallen of DURSBAF 4 E will treat	
Larval Control ~ Hone to modium regetative cover	04 to 08	0 125 to 0 025	160 to 80	
Larval Control — Madium to heavy vegetative cover	081015"	0 025 10 0 05"	90 10 40	
Adult Central — Light to medium vegetalive cover	04	0 025	#o	
Adult Control — Medium to heavy vegetative cover	18.	0 105.	40	