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LAKCO

Controls Buraceas lests of Househelds, Turf & Ornald L. Plants, Also Recommended for Mosquito Control & Area Control of Louis & Chiggers

To Be Applied Cally By or Under the functivision of the Centrol Operators, Public Health Greanizations, Mosquite Atatement! the control of the Centrol Other Trained Personnel Responsible for Insect Centrol of the

ACTIVE INGKELLINGS:

Chlorpyrate: [(,0-diethyl 0-(3,5,6-tr)chloro-2-pglory)] phosphorothicatel 24.04% INERT INGREDIENTS 5.01% Contains 2 pounds of chlorpyrifos per gallon gotal 100.00%

KEEP OUT OF REACH OF CHILDREN WARRING

See Side Force Top Additional Freeastionary Statements *DURSBAN Rec. J.M. Dow Carmidal Company - U.S. Pate t 1: . 3,244,586

Statement of Fractical Treatment

If Swallowed: Do not induce vomiting. Contains archaile petroleum solvent. Call a physician immediately. If On Skin: In case of contact, remove contaminated clothing and immediately wash skin with soap and water. If In Eyes: Flush eyes with plenty of water for 15 minutes. Call a physician.

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

EPA Reg. No. 9859- EHB

EPA Est. No. 9859-FL-1

Net Contents ____Gallon

LANDIA CHEMICAL CO. P.O. Drawer AO LAKELAND, FLORIDA 33801

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deneral Internal char the labellAN AL insectionde to certic, the pests indicated in the areas firsted below by application as a 6.25% or 0.5% chlorpyrites produce the 0.25% spray to control from infestations and the 0.5% increase to directly reduce heavy infestations or as directed. To prepare the rate, disable DURGBAN AL with water or with a suitable base of the creating the fellowing SPRAY DIRUTION CHARACTERS. Repeat the treatment of herees.

*Use only decomprised keresent for oil-based sprays to be applied in food handling establishments.

NOTE: Where quick "knockdown" and/or "flushing action" is desired, dichlorvos (DDVP) or pyrethrins may be added to the spray mixture containing DURSBAN 2E insecticate. For best results, use dichlorvos at a concentration of 0.25% in both water and 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 precentions for these products. Do not use DURSBAN 2E in combination with anchieves (DDVP) or pyrethrins for treatment of food areas of food handling establishments.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired		Fluid Ounces* of 0.25% spray	DURSBAN 2E to Use 0.50% spray
Water-base spray		1-1/3	2-2/3
3		4	8
5	, Y	6-2/3	13-1/3
10		13-1/3	26-2/3
Oil-based spray**	•		_
1		1	2
3	<u>.</u> 2 ∫	1	6
5	•	' 5	10
10	. 1	10	21

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

**Calculated on basis of deodorized kerosenc

Application Within Food Handling Establishments (Places Other Than Private Residences in Which Food is Held, Processed, Prepared or Served) Including But Not Limited to Restaurants, Grocery Stores, Bakeries, Bottling Plants Canneries and Grain Mille: Use as a spot treatment in and around both food and nonfood areas to control cockroaches (including strains resistant to other insecticides), ands, crickets, firebrats, silverfish, spiders and stored product the sets much as confused flour beetles, sew-toothed grain beetles, Indiana a peths, like weevels, Mediterranean flour moths and red flour beetles. In the section of the section

print to recalize the restriction of the classic terms of the coupling of the resulting of the coupling of the and the second of the country of the the surfaces treated with the surface to accommunicating runoft. It not introduce the spray but the air or alrow the spray to contact food or foed-centacting surfaces. Areas treated may include dark corners of rooms and closets; along and benind baseboard; beneath and behind stoves, refrigeration units and similar food preparation areas and equipment; floor drains; and around plumbin, and other utility installations. For anteapply to ant trails and wherever there jests may find entrance. Sjet treat ment may encompass crack and crevice treatment by applying small amounts of material directly but openings leading to voids and hallow spaces in walls, equipment legs and loser or which occur at points between different elements of construction or between equipment and floors. Equipment capable of delivering a pinstream of insecticide should be used. Rejeat treatment as needed but not more than once every 7 days in restaurants and similar food service establishments or more often than once every 14 days in other types of food handling establishments. In case of emergency (call back), DURSBAN 2E may be applied after 2 days from last treatment but emergency use should be limitedate once per month.

Applications of this product in tood handling establishments other than as a spot and/or crack and crevice treatment are not permitted.

Application Within Residential buildings Including Homes and Apartment Buildings and Within Nonfold Areas of Industrial, Institutional, and Commercial Buildings Including Estatab, Stores, Management Plants and Warehouses:

For Spot Treatment Only - Apply as a coarse spray or with a paint brush to localized areas where cockroaches (including strains resistant to certain other insecticides), ants, clover mites, crickets, firebrats, silverfish, and spiders 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 plumbi and other utulity installations. For ants, apply to ant trails, also around doors and windows and wherever else these pests may find entrance. For clover mites use a 0.5; spray only. Note: A period of 4 to 7 days is normally required for maximum effect on cockroaches.

For control of carpet beetles, thoroughly apply a 0.5% spray as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs and furniture, in closets and cheshelving, and wherever else these insects are seen or suspected.

For control of 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 resent. Old bedding of test should be removed and replaced with clean, fiesh bedding after treatment. DO NOT TREAT PETS WITH THIS PRODUCT.

Accontion (Pests Indoors): Do not apply water-base sprays of this product in a nduits, motor housing, substitution and switch boxes or other electrical equipment because of passible and the substitution. If there is need to treat the areas use only oil-base transport is now to application de-energize electric equipment. After application is a low time for oil to evaporate before start

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noters or placing switch. The "ch" conserved to be described the positry houses or other animal belowings. Described and appears to contact food, feedstuffs, and water scriber. Theroughly wash earlier and food handling utensils with soap and water if they become contame and by application of this product. Do not allow children or pets to contact treated surfaces until spray had dried. Remove pets and cover fish bowls (tanks) before spraying:

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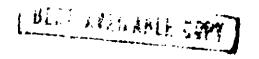
deneral Information: the BartkAR AL insections to control of certain pests on outside surfaces of buildings and on laws: the control of ticks and chiggers and for mesquite control. Consult the following directions for dosage and application details to control the pests listed.

lests on Outside Surfaces of Buildings: Use DURSBAN 2E at the rate of [-1/3 fluid ounces per one gallon of water (0.5% chlorpyrifos emulsion) to control ants, clover mites, cockroaches, crickets, earwigs, fleas, flies millipeds, mosquitoes, sowbugs, spiders and ticks by application as a residual spray or with a paint brush to outside surfaces of buildings including porches, screens, window frames, eaven, patios, garages, refused dumps and other areas where these pests congregate or have been seen. In not treat or allow the spray to contact plants (lawne, flowering plants, shrubs, trees, evergreens, etc.) because of possible indury. Repeat tree ment as needed to maintain effectiveness.

NOTE: To help prevent infestation of buildings by ants, crickets, earwillipeds, and sowbugs (pillbugs), treat a band of soil 6 to 10 feet with around and ajacent to buildings, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 1 pint of DURSBAN 2E per 100 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1000 sq. ft. to thoroughly and uniformly wet the band area.

Dests of Lawns and other Ornamental and Recreational Turf Grass Areas:
Use DURSBAN 2E to control pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute DURSBAN 2E in enough water to obtain complete and uniform coverage of pest infested areas and apply as a coarse, low-pressure sprayusing suitable application equipment. Thoroughly water immediately after treatment to wash the insecticide into the turf, except as noted. For best results, the lawn should be moist at time of treatment.

Pests of Ornamentals; Use DURSBAN 2E insecticide to treat flowers, shrubs, vines, shade and ilowering trees, and evergreens found to be infested with pests listed in the following table. Dilute DURSBAN 2E with water according to directions given in the table and apply using suitable hand 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 apply a repeat at 7 to 10 days intervals, if needed. NOTE - Do not use on acaleas, camellias, pointed tias, rose busher, or virilegated by because of pessible injury to their claimts.



The process interting thick and there is a considered before, like the transfer of the limbs of trees and strubs when the charts from to emerge. Consulting to a Agricultural Expendent Station of Extension Service specialist for the time to treat in Year area. Mix at the rate of two quarts of Dekirs II in 100 gallons of water and apply uniformly as a coarse, low press of Spray.

DOSAGES and DIRECTIONS for USE on TURL

; t .	Dosage DURSBAN 21 per 1000 sq. it.	being) ks	
Ants Armyworms Chiggers Chinch bugs Clover mite Crickets Cutworms arwigs leas Grasshoppers Sed velverms Tobs	1-1/2* 11. 02.	Spray when pests first appear, repea when needed. For sod webworms delay watering or mowing the treated area for 12 to 24 hours after treatment.	
Turicless (Hypercues) weevil	` :1. OZ.	Spray suspected problem areas in mid- April and again in mid-May or as recommended by your local Agriculture Extension Service specialist in your area.	
White grubs (Including European chafer, southern masked chafer and Japanese leetle larvae)	3 to 6 fl. oz.	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 in your area. Immediately after spraying, irrigate the treated area with 1/2 to 1 inch of water to wash the insecticide in the underlying soil.	
Bluegrass billbug	} to 6 fl. oz.	Spray early in the season when adult tirst appear. Repeat when needed.	

*1-1/2 fl. oz. per 1000 sq. ft.=7-1/2 fl. oz. per 5000 sq. ft.=1 pint per 10,700 sq. ft.=2 quarts per acre.

Peach Tree Borer. Apply DURSBAN 2E to flowering trees and shrubs of the Genus Prunus in water as a trunk 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 Egyptultural Experiment Statics or Extension Service specialist for proper time to treat your area.

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NOTE: Mosquitoes coming to jet on areas treated for control of turf one ornamental plant pests will be killed for varying periods of time after treatment, depending on experime of treated areas to weathering conditions.

Attention (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.

Native Elm Bark Beetle. Prevention of Overwintering. To prevent the adult beetle from overwintering in uninfected trees and to reduce beetle peralatic in disease free areas, apply DURSBAN 2E insecticide as a 0.5% mixture of chlorpyrifos in water to the bottom 9 feet of trunk. Wet the trunk thorough but do not spray to runoff. Care should be taken to apply the spray right the base of the root flare. Applications can be made with either a back parmist blower or a hydraulic pressure sprayer from spring through to the early fall. Prevention of Branch and Twig Feeding on High Value Elm Trees. To reduce the twig and branch feeding on uninfected trees deemed to be high in value apply a 0.5% chlorpyrifos water spray to the tree crown. Application should be made in the spring or early summer using a sprayer that will give thorough coverage to the tree crown.

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

Attention (Area Control of Ticks and Chiggers): Do not allow public use of treated areas during application or until spray has dried.

Imported Fire Ant: Treatment of potted, containerized and balled and burlapped nursery stock. Use DURSBAN 2E to control imported fire ants in soil attached to roots of these plants by completely submerging the ball of soil in a tank containing DURSBAN 2E diluted at the rate of 8 fl. oz. per 100 gallons of water. Do not remove burlap wrap or plastic containers with drain holes prior to submerging. Keep soil submerged until complete saturation has occurred, normally about 30 seconds. Wear rubber gloves, boots and apron during this operation. An alternate treatment to submergi potted plants is to apply a solution containing DURSBAN 2E (8 oz. per 100 gallon of water) as a substitute for plain water during routine watering activities. This solution should be applied to the point of run-off on a twice daily schedule for three consecutive days. Do not remove burlap wra or container from plants prior to treatment. Application should be made in a well-ventilated area.

Treatment of fire ant mounds. Apply DURSBAN 2E as a drench diluted at the rate of 1 fl. oz. (30cc) 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, c



DIRECTIONS FOR USE (cont.)

in early morning or late evening hours. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

	AGES and DIROTTONS IC	Amount of DURSBAN 2E in Water to Make			
	Posts Controlled	3 gallons	10 gallons	100 gallons	
n ands angworms nustern tent caterpillar Full webworm Grasshoppers	Mites Orangestriped oakworm Spittlebugs Whiteflies Yellownecked caterpillar	0.5 fl. Oz.	1.6 fl. Oz.	l pint	
Cutworms Leuthoppers Meulybugs	Mimosa webworm Redhumped caterpillar Thrips (exposed)	1.0 fl. oz.	3.2 fl. oz.	1 quart**	
AUT. Borer DU WOOD borer ATTAC borer ALCOUNTED BOTER	Scale crawlers Oak lecanium Pine needle Tea Winter peach	2.0 fl. oz.	6.4 fl. oz.	2 quarts***	
Peach tree box		5.8 tl. oz.	19.2 fl. oz	6 quarts***	

- - *Equivalent to 4 ounces of chlorpyrifos per 100 gallons.
 **Equivalent to 8 ounces of chlorpyrifos per 100 gallons.
- ***Equivalent to 1 pound of chlorpyrifos per 100 gallons.
 ****Equivalent to 3 pounds of chlorpyrifos per 100 gallons.

mosquitoes: Apply DURSBAN 2E insecticide to mosquito infested, non-crop areas according to the conditions and rates shown in the following table.

ALL DURSBAN 2E with either water or oil, such as kerosene or No. 2 fuel

All, using sufficient spray volume to give uniform coverage of area treated.

Apply the spray using suitable application equipment such as hand and power ground sprayers, mist applicators, and aerial spray equipment.

Warning (Mosquito Control): Read complete Environmental and Use Precautions and consult your State Fish and Game Department before using this product for mosquito control.

muste Water (high in Organic Content) - Use DURSBAN 2E insecticide for control of mosquito larvae in agricultural, industrial, and urban waste waters that contain high levels of organic matter, including sewage drains, compand and lagoons; industrial waste water impoundments; cesspools and septice.

rol use only in logging punds, standing water, temporary rain pools, intermittently flooded areas, stagnant water and similar non-crop areas that serve as mosquito breeding sites. Shrimp and crab may be killed at application rates recommended on this label. Do not apply to water used for irrigational, recreational or domestic uses.

Area to be Treated	DOSAGE OF DURSBAN 2E	Use Direction:
Sewage drains Waste disposal ponds and lagoons Industrial waste water impoundments	2 fl. oz. per 5000 cu. ft. of water or 8.7 fl. oz. per acre foot of water*	Pour the resulted amount of undiluted likshik 2E into the inflewing water or apply to the water runface as a coarriew pressure spray. Treat stagnant waters by diluting DURSBAN 2E with sufficient or oil to obtain uniform distribution
Cesspools . Septic tanks	2 fl. oz. per 1000 cu. ft. of water	Apply directly or flush the required amount down a toil
Catch basins	0.08 fl. oz. per catch basin	Dilute 4 fl. oz. of DURSBAN 2E with 3 gallons of water to make 0.25% chlorpyrifos spray and apply 1/2 pint of mixture per cater hasin as coarse, lew pressure spray. Uniformly cover the exposed walls (sides) of the basin and the water surface

^{*}Equivalent to 0.1 part per million of chlorpyrifos in the total volume of water treated.

CONDITIONS and RATES to USE for MOSQUITO CONTROL

Amount to Use per Acre				
Condition of Area to be Treated	DURSBAN 2E (fluid ounces)	Chlorpyrifos (pounds)	Number Acres 1 Gallon of DURSBAN 2E Will Treat	
Larval Control None to medium vegetative cover	0.8 to 1.6	0.0125 to 0.025	160 to 80	
Medium to heavy vegetative cover	1.6 to 3.2*	0.025 to 0.05*	80 to 40	
Adult Control Light to medium vegetative cover	1.6	0.025	80	
Medium to heavy vegetative cover	3.2*	0.05*	4()	

^{*}The higher dosage will also give faster knockdown and longer residual control where there is little or no vegetative cover.

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amark / Cartolby Calabat MERCL Magazin to Homans

WARNING: IN BE FATAL II SWALLOWIL MAY BE ABSORDED THROUGH SKIN MAY BE INJURIOUS OF EYES AND SKIN DO NOT Take Internally be Not Get in Eyes or on Skin-3. The Contaminated Eyes with Plenty of Water and Get Prompt Medic Attent of Void Breathing Vapors and Spray Mist-Avoid Spraying Food Cro Keep Available Tood, Feedstuffs, and Domestic Water Supplies-Keep contactors of Concentrate in a Ventilated Area

ENVIRONMENTAL HAZARDS

This product is extremely toxic to fish, birds and other wildlife. fish and other aquatic organisms may be killed at application rates recommended on the label. Consult your State fish and Game Agency before applying this product to determine this product's impact on aquatic life forms. Cover or incorporate spills while loading. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical or Chemical Hazards

COMBUSATE Are no Not Use or Store Near Heat or Open Fills - It has Cut or Weld Container

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage or disposal.

Pesticide Disposal: Waster resulting from the use of this product may be disosed of on site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

General: Consult tederal, state or local disposal authorities for approved alternative procedures.

NOTICE: Buyer assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this labe