

Reg # 9859-263
PM 12 A 1010

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 9859-263	DATE OF ISSUANCE 8/21/85
	TERM OF ISSUANCE Until Reregistration	
	NAME OF PESTICIDE PRODUCT Dursban 2-E Insecticide	

NOTICE OF PESTICIDE: ☒ REGISTRATION
☐ REREGISTRATION
(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Lantia Chemical Company
P.O. Drawer AD
Lakeland, FL 33802

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 9859-263" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the 4-7 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(a). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL
Jay S. Ellenberger

DATE
8/28/85

Reg # 9859-263
PM 12
p 30810



DURSBAN* 2-E INSECTICIDE

Controls Numerous Pests of Households, Turf & Ornamental Plants, Also Recommended for Mosquito Control & Area Control of Ticks & Chiggers

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

ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	24.64%
Aromatic petroleum derivative solvent	69.75%
INERT INGREDIENTS	5.61%
Contains 2 pounds of chlorpyrifos per gallon	Total 100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING

See Side Panel For Additional Precautionary Statements

*DURSBAN Reg. T.M. Dow Chemical Company - U.S. Patent No. 3,244,586

Statement of Practical Treatment

If Swallowed: Do not induce vomiting. Contains aromatic 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-*EAG*

EPA Est. No. 9859-FL-1

Net Contents _____ Gallon

LANDIA CHEMICAL CO.
P.O. Drawer A0
LAKELAND, FLORIDA 33801

ACCEPTED
with COMMENTS
in EPA Letter Dated:

SEP 04 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

9859-263

Reg # 4857-263
PM12
p 3 of 10

DIRECTIONS FOR USE

Page 2 of 9

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

PESTS INDOORS

General Information: Use DURSBAN 2E insecticide to control the pests indicated in the areas listed below by application as a 0.25% or 0.5% chlorpyrifos spray. Use the 0.25% spray to control light infestations and the 0.5% spray to quickly reduce heavy infestations or as directed. To prepare the spray, dilute DURSBAN 2E with water or with a suitable base oil* as shown in the following SPRAY DILUTION CHART. Repeat the treatment as needed.

*Use only deodorized kerosene 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 insecticide. 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 precautions for these products. Do not use DURSBAN 2E in combination with dichlorvos (DDVP) or pyrethrins for treatment of food areas of food handling establishments.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	Fluid Ounces* of DURSBAN 2E to Use	
	0.25% spray	0.50% spray
Water-base spray		
1	1-1/3	2-2/3
3	4	8
5	6-2/3	13-1/3
10	13-1/3	26-2/3
Oil-based spray**		
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

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 Mills: Use as a spot treatment in and around both food and nonfood areas to control cockroaches (including strains resistant to other insecticides), ants, crickets, firebrats, silverfish, spiders and stored product insects such as confused flour beetles, saw-toothed grain beetles, Indian meal moths, rice weevils, Mediterranean flour moths and red flour beetles. Apply as a coarse, low pressure (20 psi or less)

Ref # 9859-263
PM 12
p. 4 of 10

spray to localized areas where the above pests have been seen or are suspected of hiding or entering. Apply only enough spray to thoroughly cover the surfaces treated using special care to avoid unnecessary runoff. Do not introduce the spray into the air or allow the spray to contact food or food-contacting surfaces. Areas treated may include dark corners of rooms and closets; along and behind baseboards; beneath and behind stoves, refrigeration units and similar food preparation areas and equipment; floor drains; and around plumbing and other utility installations. For ants apply to ant trails and wherever these pests may find entrance. Spot treatment may encompass crack and crevice treatment by applying small amounts of material directly into openings leading to voids and hollow spaces in walls, equipment legs and bases 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. Repeat 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 limited to once per month.

Applications of this product in food 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 Nonfood Areas of Industrial, Institutional, and Commercial Buildings Including Hospitals, Stores, Manufacturing 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 plumbing and other utility 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 on shelving, 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 present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. DO NOT TREAT PETS WITH THIS PRODUCT.

Attention (Pests Indoors): Do not apply water-base sprays of this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. If there is need to treat such areas use only oil-base sprays. Prior to application de-energize electrical equipment. After application allow time for oil to evaporate before starting

24 # 9857-263
PM 12
1-50110

motors or placing switches in the "ON" position. Do not use in poultry houses or other animal buildings. 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 had dried. Remove pets and cover fish bowls (tanks) before spraying.

PESTS OUT-OF-DOORS

General Information: Use DURSBAN 2E insecticide for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants, for area control of ticks and chiggers and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

Pests on Outside Surfaces of Buildings: Use DURSBAN 2E at the rate of 1-1/3 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, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact plants (lawns, flowering plants, shrubs, trees, evergreens, etc.) because of possible injury. Repeat treatment as needed to maintain effectiveness.

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs, millipeds, and sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent 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.

Pests 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 spray using 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 flowering 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 appear and repeat at 7 to 10 days intervals, if needed. NOTE: Do not use on azaleas, camellias, poinsettias, rose bushes, or variegated ivy because of possible injury to these plants.

Wood Boring Insects Infesting Shrubs and Trees such as Dogwood Borer, Lilac Borer, Ash Borer and Rhododendron Borer: Apply DURSBAN 2E to the trunks and lower limbs of trees and shrubs when the adults begin to emerge. Consult your State Agricultural Experiment Station or Extension Service specialist for proper time to treat in your area. Mix at the rate of two quarts of DURSBAN 2E in 100 gallons of water and apply uniformly as a coarse, low pressure spray.

DOSAGES and DIRECTIONS for USE on TURF

Pest	Dosage DURSBAN 2E per 1000 sq. ft.	Remarks
Ants Armyworms Chiggers Chinch bugs Clover mite Crickets Cutworms Earwigs Grasshoppers Sod webworms Ticks	1-1/2* fl. oz.	Spray when pests first appear, repeat when needed. For sod webworms delay watering or mowing the treated area for 12 to 24 hours after treatment.
Turfgrass (Hyperodes) weevil	3 fl. oz.	Spray suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service specialist in your area.
White grubs (Including European chafer, southern masked chafer and Japanese beetle 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	3 to 6 fl. oz.	Spray early in the season when adults first 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 Agricultural Experiment Station or Extension Service specialist for proper time to treat your area.

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.

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 populations 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 thoroughly but do not spray to runoff. Care should be taken to apply the spray right to the base of the root flare. Applications can be made with either a back pack mist 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, 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 fl. oz. 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.

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 submerging 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 wrap 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, or

Key # 9859-263
PM 12
p. 8 of 10

DIRECTIONS FOR USE (cont.)

Page 7 of 9

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.

DOSAGES and DILUTIONS for USE on ORNAMENTAL PLANTS

		Amount of DURSBAN 2E in Water to Make		
Pests Controlled		3 gallons	10 gallons	100 gallons
Aphids	Mites	0.5 fl. Oz.	1.6 fl. Oz.	1 pint
Bagworms	Orangestriped			
Eastern tent	oakworm			
caterpillar	Spittlebugs			
Fall webworm	Whiteflies			
Grasshoppers	Yellownecked			
	caterpillar			
Cutworms	Mimosa webworm	1.0 fl. oz.	3.2 fl. oz.	1 quart**
Leafhoppers	Redhumped			
Mealybugs	caterpillar			
	Thrips (exposed)			
Ash borer	Scale crawlers	2.0 fl. oz.	6.4 fl. oz.	2 quarts***
Dogwood borer	Oak lecanium			
Lilac borer	Pine needle			
Rhododendron	Tea			
borer	Winter peach			
Peach tree borer		5.8 fl. 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. Mix DURSBAN 2E with either water or oil, such as kerosene or No. 2 fuel oil, 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 Precaution and consult your State Fish and Game Department before using this product for mosquito control.

Waste 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, ponds and lagoons; industrial waste water impoundments; cesspools and septic

For use only in logging ponds, standing water, temporary rain pools, intermittently flooded areas, stagnant water and similar non-crop areas that serve as mosquito

tanks; catch basins. Consult the following table for dosage and application details.

DOSAGE for MOSQUITOES
in WASTE WATER

Area to be Treated	Dosage of DURSBAN 2E	Use Directions
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 required amount of undiluted DURSBAN 2E into the inflowing water or apply to the water surface as a coarse, low pressure spray. Treat stagnant waters by diluting DURSBAN 2E with sufficient water 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 toilet
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 the mixture per catch basin as a coarse, low 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

Condition of Area to be Treated	Amount to Use per Acre		Number Acres 1 Gallon of DURSBAN 2E Will Treat
	DURSBAN 2E (fluid ounces)	Chlorpyrifos (pounds)	
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*	40

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

DIRECTIONS FOR USE (cont.)

Pag 9 of 9

PRECAUTIONARY STATEMENTS

Hazards to Humans

WARNING: MAY BE FATAL IF SWALLOWED MAY BE ABSORBED THROUGH SKIN MAY BE INJURIOUS TO EYES AND SKIN Do Not Take Internally-Do Not Get in Eyes or on Skin-Wash Thoroughly After Handling-Wash Contaminated Clothing Before Reuse-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-Handle 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

COMBUSTIBLE: Do Not Use or Store Near Heat or Open Flame - Do Not Cut or Weld Container

STORAGE AND DISPOSAL

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

Pesticide Disposal: Wastes resulting from the use of this product may be disposed 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 federal, 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 label.

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

NOTICE OF PESTICIDE:

☒ REGISTRATION
☐ REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

EPA REGISTRATION

10370-162

DATE OF ISSUANCE

8/28/85

TERM OF ISSUANCE

NAME OF PESTICIDE PRODUCT

Fruit, Nut and Citrus Spray

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Ford's Chemical & Service, Inc.
2739 Pasadena Blvd.
Pasadena, TX 77502

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Make the labeling changes listed below before you release the product for shipment:
 - a. Add the phrase "EPA Registration No. 10370-162."
 - b. Add a footnote to your label ingredient statement that this product contains petroleum distillate.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Jay S. Ellenberger
Product Manager (12)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosure

☐ ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

8/28/85

ford's

COMFILE B:103ZOLON,LAB
EPA FILE SYMBOL:10370-

PAGE 1 OF 4 **ACCEPTED**
with COMMENTS
in EPA Letter Dated

FRUIT, NUT, AND CITRUS SPRAY

For Control Of Certain Insect Pests & Spider Mites On
APPLES-PEARS-PEACHES-PLUMS *** ALMONDS-PECANS-WALNUTS
ORANGES-LEMONS-GRAPEFRUIT

AUG 28 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.

10370-162

ACTIVE INGREDIENT:

Phosalone[O,O,-diethyl S-[(6-chloro-2-oxo benz-
oxazolin-3-yl)methyl] phosphorodithioate] . . .

17.2%
INERT INGREDIENTS: 82.8%
TOTAL 100.0%

This product contains 1.35 Pounds Phosalone per gallon.

KEEP OUT OF REACH OF CHILDREN

W A R N I N G

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center immediately. Induce vomiting by giving victim 1 or 2 glasses of water and touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person.

IF IN EYES: Flush eyes with plenty of water. Get medical attention immediately

IF ON SKIN: Remove contaminated clothing and wash affected area with soap and water. Get medical attention.

NOTE TO PHYSICIAN: Causes cholinesterase inhibition. Atropine by injection is an antidote only if symptoms of cholinesterase inhibition are present. 2-PAM is also antidotal and may be administered in conjunction with atropine.

See Side/Back Panel For Additional Precautionary Statements

EPA REG. NO. 10370-

EPA EST NO. 10070-TX-1

NET CONTENTS _____ [1 PINT; 1 QUART; 1 GALLON]

MANUFACTURED BY

ford's

Chemical & Service, Inc.

2739 PASADENA BLVD.

PASADENA, TEXAS 77504

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if swallowed or absorbed through the skin. May cause irritation of eyes and allergic skin reactions. Causes eye damage. Do not get in eyes, on skin or on clothing. Do not breathe fumes or spray mist. Wear protective body covering clothing and rubber gloves during application. Do not allow livestock to graze treated cover crops in orchards, citrus or nut groves. Thoroughly wash after handling and before eating or smoking.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crabs and other wildlife. Do not apply to any body of water. Do not apply where run-off 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.

PHYSICAL & CHEMICAL HAZARDS

Do not use, pour, spill, or store near heat or open flame.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. STORAGE: Store product in original container in a cool, dry, locked place out of reach of children.

CONTAINER DISPOSAL: Do not re-use empty container. Wrap and put in trash.

DIRECTIONS FOR USE (Cont.)

General Information - This product is an emulsifiable concentrate intended for use as a water mix spray. It may be applied with a hand held pressure tank sprayer or small power sprayer.

CROP	PEST	DILUTION
APPLES AND PEARS	Aphids, Codling Moth	1/2 to 1 tbsp-ful / gal. water
	Red Banded Leaf Roller	2/3 to 1 3/4 tbsp-ful/ gal. water
	European Red Mite	
	Plum Curculio	1 to 1 3/4 tbsp-ful / gal. water
	Two Spotted Mite*	
APPLES	Apple Maggot	1 to 1 1/4 tbsp-ful/ gal. water
	Apple Rust Mite**	
PEARS	Pear Psylla	1 1/3 tbsp-ful / gal. water.

Mix recommended amount per 1 gallon of water and thoroughly spray trees. Time the applications to local pest control programs. Use low rate for preventive program and high rate for severe infestations. Some russetting of Golden Delicious may occur. Do not apply within 14 days of harvest.

**Control when used in a seasonal program.*Except phosphate resistant strains.

12/13/75
p 4 of 5

DIRECTIONS FOR USE (Cont.)

CROP	PEST	DILUTION
GRAPES	Leafhoppers	1 1/3 to 2 2/3 tbsp-ful / gal. water.
	Mites	1 3/4 tbsp-ful / gal. water.
	Grape Berry Moth	1 1/3 to 2 2/3 tbsp-ful/gal. water.
	Grape Phylloxera	1 to 1 1/3 tbsp-ful / gal. water.

Use low rate for preventive sprays and high rate for severe infestations spray. Employ an appropriate pressure sprayer to thoroughly cover upper and lower sides of leaves, fruit and stems. Time applications to local pest control programs as needed for spray schedule. Do not apply within 14 days of harvest. Repeat as needed for control.

ALMONDS	Pacific Mite*	1 tbsp-ful / gal. water
	Two Spotted Mite*	
	Peach Twig Borer	1 to 1 1/3 tbsp-ful /gal. water
	Brown Mite*	

(*Except phosphate resistant strains)

PECANS	Pecan Aphid	1 tbsp-ful / gal. water.
	Black Pecan Aphid	
	Hickory Shuckworm	
	Pecan Nut Casebearer	1 tbsp-full / gal. water.
	Pecan Spittlebug	
	Pecan Weevil	

Pecan Phylloxera*(Suppression Only)

Using a suitable pressure sprayer mix the recommended amount in 1 gallon of water and spray to give thorough coverage of all portions of the plant. FOR ALMONDS do not apply more than one application during the fruiting season. Do not apply within 60 days of harvest of almonds. FOR PECANS do not apply after shucks split.

PLUMS/PRUNES	Aphids	1/2 to 1 tbsp-ful / gal. water
APRICOTS,		
PEACHES AND	Peach Twig Borer	1 tbsp-ful / gal. water.
NECTARINES		
	Mites, (Includes European, Twospotted, Brown, Almond)	1 1/3 to 1 3/4 tbsp-ful/gal. water
	Leafhopper, Plum Curculio	1 to 1 3/4 tbsp-ful/gal. water.
	Oriental Fruit Moth	1 tbsp-ful / gal. water.

Using an appropriate pressure sprayer mix the recommended amount in 1 gal. water and spray to thoroughly cover all parts of plant. Follow a good spray schedule designed for fruit trees in your locale. Do not apply within 7 days of harvest.

Reg # 10370-162
24402
P-5085

CROP	PEST	DILUTION
CITRUS (Oranges, Lemons, Grapefruit)	Citrus Red Mite	1/2 to 2/3 tbsp-ful / gal. water.
	Orange Dog	1/2 tbsp-ful / gal. water.
	Citrus Thrip	1 tbsp-ful / gal. water.
	White Fly	1 tbsp-ful / gal. water.

Select an appropriate pressure sprayer to give thorough coverage. Apply as a cover spray. Do not make more than one application every 30 days, nor more than 2 applications per season. Do not apply within 14 days of harvest.

ABROVITAE	Spruce Spider Mite	1 to 1 3/4 tbsp-ful /gal. water.
ROSES	Rose Aphids	1 to 1 3/4 tbsp-ful / gal. water.

Use an appropriate sprayer to give good coverage. Apply when insects are present and repeat as needed for control. Roses may show a slight temporary leaf damage on new growth.

NOTE: Buyer assumes all risk and liability of use, storage and/or handling of this material not in accrdancw with the terms of this label.

10370-162
24402
P-5085

LANDIA CHEMICAL CO.

P.O. Drawer A0/Lakeland, Florida 33802/Telephone 813-688-6878/TLX: 3727799

Answer back: LANDIA CHEM

May 9, 1985

Mr. Jay Ellenberger
U.S. E.P.A., O.P.P. (TS-767C)
Crystal Mall, Bldg. 2, Room 202
1921 Jefferson Davis Highway
Crystal City, VA 22202

Dear Mr. Ellenberger:

Subject: Application for Registration
Dursban 2-E Insecticide
EPA File Symbol 9859-EAG
Your letter dated April 15, 1985

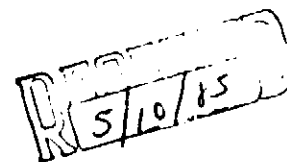
We would like to cite EPA Reg. No. 6720-59 as similar
to our 9859-EAG.

We look forward to receiving this registration soon.

Sincerely,


Keith L. Branly
LANDIA CHEMICAL COMPANY

KLB/das





2810

Page 1 of 9

DURSBAN* 2-E INSECTICIDE

Controls Numerous Pests of Households, Turf & Ornamental Plants, Also Recommended for Mosquito Control & Area Control of Ticks & Chiggers

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

ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	24.64%
Aromatic petroleum derivative solvent	69.77%
INERT INGREDIENTS	5.61%
Contains 2 pounds of chlorpyrifos per gallon	Total 100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING

See Side Panel For Additional Precautionary Statements

*DURSBAN Reg. T.M. Dow Chemical Company - U.S. Patent No. 3,244,586

Statement of Practical Treatment

If Swallowed: Do not induce vomiting. Contains aromatic 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-*EAG*

EPA Est. No. 9859-FL-1

Net Contents _____ Gallon

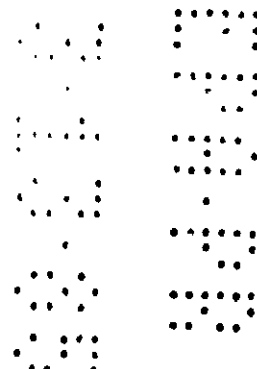
LANDIA CHEMICAL CO.
P.O. Drawer A0
LAKELAND, FLORIDA 33801

ACCEPTED
with COMMENTS
in EPA Letter Dated

SEP 04 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended for the purpose
registered under EPA Reg. No.

9859-263



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

PESTS INDOORS

General Information: Use DURSBAN 2E insecticide to control the pests indicated in the areas listed below by application as a 0.25% or 0.5% chlorpyrifos spray. Use the 0.25% spray to control light infestations and the 0.5% spray to quickly reduce heavy infestations or as directed. To prepare the spray, dilute DURSBAN 2E with water or with a suitable base oil* as shown in the following SPRAY DILUTION CHART. Repeat the treatment as needed.

*Use only deodorized kerosene 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 insecticide. 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 precautions for these products. Do not use DURSBAN 2E in combination with dichlorvos (DDVP) or pyrethrins for treatment of food areas of food handling establishments.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	Fluid Ounces* of DURSBAN 2E to Use	
	0.25% spray	0.50% spray
Water-base spray		
1	1-1/3	2-2/3
3	4	8
5	6-2/3	13-1/3
10	13-1/3	26-2/3
Oil-based spray**		
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

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 Mills: Use as a spot treatment in and around both food and nonfood areas to control cockroaches (including strains resistant to other insecticides), ants, crickets, firebrats, silverfish, spiders and stored product insects such as confused flour beetles, saw-toothed grain beetles, Indian meal moths, rice weevils, Mediterranean flour moths and red flour beetles. Apply as a coarse, low pressure (20 psi or less)

spray to localized areas where the above pests have been seen or are suspected of hiding or entering. Apply only enough spray to thoroughly cover the surfaces treated using special care to avoid unnecessary runoff. Do not introduce the spray into the air or allow the spray to contact food or food-contacting surfaces. Areas treated may include dark corners of rooms and closets; along and behind baseboards; beneath and behind stoves, refrigeration units and similar food preparation areas and equipment; floor drains; and around plumbing and other utility installations. For ants apply to ant trails and wherever these pests may find entrance. Spot treatment may encompass crack and crevice treatment by applying small amounts of material directly into openings leading to voids and hollow spaces in walls, equipment legs and bases 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. Repeat 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 limited to once per month.

Applications of this product in food 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 Nonfood Areas of Industrial, Institutional, and Commercial Buildings Including Hospitals, Stores, Manufacturing 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 plumbing and other utility 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 on shelving, 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 present. Old bedding of pets should be removed and replaced with clean, fresh bedding after treatment. DO NOT TREAT PETS WITH THIS PRODUCT.

Attention (Pests Indoors): Do not apply water base sprays of this product in conduits, motor housings, junction and switch boxes or other electrical equipment because of possible shock hazard. If there is need to treat such areas use only oil-base sprays. Prior to application deenergize electrical equipment. After application allow time for all to evaporate before starting

motors or placing switches in the "ON" position. Do not use in poultry houses or other animal buildings. 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 had dried. Remove pets and cover fish bowls (tanks) before spraying.

PESTS OUT-OF-DOORS

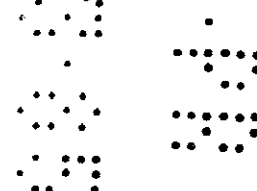
General Information: Use DURSBAN 2E insecticide for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants, for area control of ticks and chiggers and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

Pests on Outside Surfaces of Buildings: Use DURSBAN 2E at the rate of 1-1/3 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, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact plants (lawns, flowering plants, shrubs, trees, evergreens, etc.) because of possible injury. Repeat treatment as needed to maintain effectiveness.

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs, millipeds, and sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent 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.

Pests 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 spray using 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 flowering 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 to obtain complete and uniform coverage. For best results apply as a wet spray to both upper and lower leaf surfaces and infested plant and trunk areas. Attempt to penetrate dense foliage, but avoid overspray. Treat when pests appear and repeat at 7 to 14 day intervals as needed. **NOTE: Do not use on areas susceptible to phytotoxicity such as ivy because of possible injury to the plant.**



Wood Boring Insects Infesting Shrubs and Trees such as Dogwood Borer, Lilac Borer, Ash Borer and Rhododendron Borer: Apply DURSBAN 2E to the trunks and lower limbs of trees and shrubs when the adults begin to emerge. Consult your State Agricultural Experiment Station or Extension Service specialist for proper time to treat in your area. Mix at the rate of two quarts of DURSBAN 2E in 100 gallons of water and apply uniformly as a coarse, low pressure spray.

DOSAGES and DIRECTIONS for USE on TURF

Pest	Dosage DURSBAN 2E per 1000 sq. ft.	Remarks
Ants Armyworms Chiggers Chinch bugs Clover mite Crickets Cutworms Earwigs Fleas Grasshoppers Sod webworms Ticks	1-1/2* fl. oz.	Spray when pests first appear, repeat when needed. For sod webworms delay watering or mowing the treated area for 12 to 24 hours after treatment.
Turfgrass (Hyperodes) weevil	3 fl. oz.	Spray suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service specialist in your area.
White grubs (Including European chafer, southern masked chafer and Japanese beetle 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	3 to 6 fl. oz.	Spray early in the season when adults first 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 Agricultural Experiment Station or Extension Service specialist for proper time to treat your area.

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.

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.

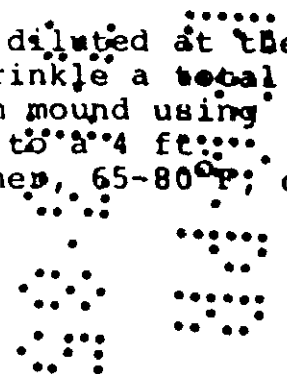
Native Elm Bark Beetle. Prevention of Overwintering. To prevent the adult beetle from overwintering in uninfected trees and to reduce beetle populations in disease free areas, apply DURSBAN 2E insecticide as a 0.5% mixture of chlorpyrifos in water to the bottom 9 feet of trunk. Wet the trunk thoroughly but do not spray to runoff. Care should be taken to apply the spray right to the base of the root flare. Applications can be made with either a back pack mist 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, 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 fl. oz. 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.

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 submerging 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 wrap 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, or



80610

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.

DOSAGES and DILUTIONS for USE on ORNAMENTAL PLANTS

		Amount of DURSBAN 2E in Water to Make		
Pests Controlled		3 gallons	10 gallons	100 gallons
Aphids	Mites	0.5 fl. Oz.	1.6 fl. Oz.	1 pint
Bagworms	Orangestriped			
Eastern tent	oakworm			
caterpillar	Spittlebugs			
Fall webworm	Whiteflies			
Grasshoppers	Yellownecked			
	caterpillar			
Cutworms	Mimosa webworm	1.0 fl. oz.	3.2 fl. oz.	1 quart**
Leafhoppers	Redhumped			
Mealybugs	caterpillar			
	Thrips (exposed)			
Ash borer	Scale crawlers	2.0 fl. oz.	6.4 fl. oz.	2 quarts***
Dogwood borer	Oak lecanium			
Lilac borer	Pine needle			
Rhododendron	Tea			
borer	Winter peach			
Peach tree borer		5.8 fl. 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. Mix DURSBAN 2E with either water or oil, such as kerosene or No. 2 fuel oil, 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.

Waste 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, ponds and lagoons; industrial waste water impoundments; cesspools and septic

For use only in logging ponds, standing water, temporary rain pools, intermittently flooded areas, stagnant water and similar non-crop areas that serve as mosquito

tanks; catch basins. Consult the following table for dosage and application details.

DOSAGE for MOSQUITOES
in WASTE WATER

Area to be Treated	Dosage of DURSBAN 2E	Use Directions
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 required amount of undiluted DURSBAN 2E into the inflowing water or apply to the water surface as a coarse, low pressure spray. Treat stagnant waters by diluting DURSBAN 2E with sufficient wat- er 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 toilet
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 th- mixture per catch basin as a coarse, low 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

Condition of Area to be Treated	Amount to Use per Acre		Number Acres 1 Gallon of DURSBAN 2E Will Treat
	DURSBAN 2E (fluid ounces)	Chlorpyrifos (pounds)	
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*	40

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

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DIRECTIONS FOR USE (cont.)

Pag 9 of 9

PRECAUTIONARY STATEMENTS
Hazards to Humans

WARNING: MAY BE FATAL IF SWALLOWED MAY BE ABSORBED THROUGH SKIN MAY BE INJURIOUS TO EYES AND SKIN Do Not Take Internally-Do Not Get in Eyes or on Skin-Wash Thoroughly After Handling-Wash Contaminated Clothing Before Reuse-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-Handle 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

COMBUSTIBLE: Do Not Use or Store Near Heat or Open Flame - Do Not Cut or Weld Container

STORAGE AND DISPOSAL

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

Pesticide Disposal: Wastes resulting from the use of this product may be disposed 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 federal, 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 label.

