

SPECIMEN LABEL



Dursban[®] 2E insecticide

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

To Be Applied Only By or Under the Supervision of Pest Control Operators, Public Health Organiz
Mosquito Abatement Districts, and Other Trained Personnel Responsible for Insect Control Prog

KEEP OUT OF REACH OF CHILDREN

WARNING

MAY BE FATAL IF SWALLOWED • MAY BE ABSORBED THROUGH
MAY BE INJURIOUS TO EYES AND SKIN
SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

In case of an emergency endangering life or
property involving this product, call collect
517 636 4400

AGRICULTURAL CHEM
Do Not Ship or Store with Food
Drugs or Clothing

ACTIVE INGREDIENTS

Chlorpyrifos (O,O-diethyl O-1356-trichloro-2-pyridyl
phosphorothioate) 22.4%

Aromatic petroleum derivative solvent 42.1%

INERT INGREDIENTS

Contains 2 pounds of chlorpyrifos per gallon 35.5%

E.P.A. Registration No. 464-343 E.P.A. Est. 464-M1-1

PRECAUCION AL USUARIO Si usted no lee ingles, no use este pro
ducto hasta que la etiqueta le haya sido explicada ampliamente.

TRANSLATION TO THE USER If you cannot read English, do not
use this product until the label has been fully explained to you.

18.93 L / 5 gal

464-343

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

Hazards to Humans

**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

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.

Physical or Chemical Hazards

COMBUSTIBLE

**Do Not Use or Store Near Heat or Open Flame
Do Not Cut or Weld Container**

Environmental Hazards

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service. DURSBAN 2E is toxic to fish, birds, and other wildlife. Do not apply directly to water. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes.

**NO INSECTICIDE
LIQUID N.O.S.
(Chlorpyrifos)
NA 1983
F.P. - 73-1077**



DIRECTIONS FOR USE

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

**READ AND FOLLOW COMPLETE DIRECTIONS FOR
USE AND OTHER IMPORTANT INFORMATION
GIVEN IN BOOKLET ATTACHED TO PRODUCT CONTAINER**

STORAGE AND DISPOSAL

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

Pesticide Disposal: Pesticide, spray mixture, or rinse that cannot be used or chemically reprocessed should be disposed of according to procedures approved by federal, state or local disposal authorities

Container Disposal: Triple rinse (or equivalent) and dispose of in an approved landfill or bury in a safe place

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

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

U.S. Patent No. 3,244,586

10886 080-8

26005-F282

THE DOW CHEMICAL COMPANY

AND SUBSIDIARIES

MIDLAND MICHIGAN 48640 USA HORGEN, SWITZERLAND HONG KONG
CORAL GABLES FLORIDA 33134 USA SARNIA, ONTARIO, CANADA

*Trademark of THE DOW CHEMICAL COMPANY

SL 0210

DURSBAN* 2E INSECTICIDE

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

To Be Applied Only After the Supervision of Pest Control Operators, Public Health Inspectors, or Licensed Agricultural Chemists and Other Trained Personnel Registered Under the Insecticide Control Program.

EPA Registration No. 484-343



READ THE ENTIRE LABEL BEFORE USING THIS PRODUCT

PRECAUCION Al Usuario: Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

TRANSLATION: (TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

In case of an emergency endangering life or property involving this product, call collect **817-636-4488**

AGRICULTURAL CHEMICAL
Do Not Ship or Store with Food, Feeds, Drugs or Clothing

ACTIVE INGREDIENTS:
Chlorpyrifos (8,8-dimethyl 6-CLL6-ethoxy-3-pyridyl) phosphorothioate 21.6%
Aromatic petroleum derivative solvent 42.1%
INERT INGREDIENTS 36.3%
Contains 2 pounds of chlorpyrifos per gallon.
EPA Registration No. 484-343
EPA Est. 484-88-1

USE DIRECTIONS

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; 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 health and safety precautions for these products. Do not use DURSBAN 2E in conjunction with any other insecticide.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	Fluid Ounces of DURSBAN 2E to Use
Water base spray	0.25% spray
Oil based spray	0.50% spray
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10

Note: 1 fluid ounce = 2.95735 centiliters, 6.23047 centiliters
Calculated on basis of deodorized kerosene.

SPRAY DILUTION CHART

CONTENTS

PRECAUTIONARY STATEMENTS	3
Hazards to Humans	3
Statements of Practical Treatment	3
Physical or Chemical Hazards	3
Environmental Hazards	4
PESTS INDOORS	5
General Information	5
Spray Dilution Chart	6
Application Within	6
Food Handling Establishments	7
Residential Buildings	8
Control of Carpet Beetles	9
Control of Brown Dog Ticks	9
PESTS OUT-OF-DOORS	10
General Information	10
Outside Surfaces of Buildings	10
Lawns, Ornamental and Turf Areas	11
Pests of Ornamentals	12
Wood Boring Insects	13-15
Use on Turf Charts	16
Peach Tree Borer	16
Native Elm Bark Beetle	17
Area Control of Ticks and Chiggers	17
Imported Fire Ants	17
Use Charts for Ornamentals	19-20
Mosquito Control	21-24
STORAGE AND DISPOSAL	25
NOTICE	25

Application Within Food Handling Establishments: Please Refer To the Private Residences in Which Food is Held, Prepared, Packaged or Served including, but not limited to, Restaurants, Grocery Stores, Bakeries, Butchering 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, fleas, silverfish, spiders and stored product weevils 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 cracks 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 the elements of construction or between

equipment and floors. Equipment capable of delivering a stream 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 (callback), 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 Medical 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, fleas, 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.

KEEP OUT OF REACH OF CHILDREN

WARNING

PRECAUTIONARY STATEMENTS

Hazards to Humans

MAY BE IRRITANT IF SWALLOWED

MAY BE IRRITANT 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 Carefully in a Ventilated Area

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 Physicians:** Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

Physical or Chemical Hazards

COMBUSTIBLE

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

Environmental Hazards

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service. DURSBAN 2E is toxic to fish, birds, and other wildlife. Do not apply directly to water. Shrimp and crabs may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes.

464-343

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 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 has dried.

Mixtures of DURSBAN 2E and dichlorovos(DDVP) should not be sprayed on carpets.

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 1/2 fluid ounces per one gallon of water (0.5% chlorpyrifos emulsion) to control ants, clover mites, cockroaches, crickets, earwigs, fleas, flies, millipedes, mosquitoes, sawbugs, 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 wash 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, millipedes, and sawbugs (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, pansies, rose bushes, or variegated ivy because of possible injury to these plants.

Wood Boring Insects Infesting Shrub and Tree such as Baywood Shrub, Lilac Shrub, Ash Shrub and Rhododendron Shrub: 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.

464-343

DOSAGES and DIRECTIONS for USE on TURF

Pest	Dilution of DURSBAN 2E per 1000 sq. ft.	Remarks
Blugrass	3 to 6 fl. oz.	Spray early in the season when grubs first appear. Retreat with 1/2 pint per 1000 sq. ft. 2 quarts per acre.
Cricket	3 to 6 fl. oz.	
Grasshopper	3 to 6 fl. oz.	
Millipede	3 to 6 fl. oz.	
Mosquito	3 to 6 fl. oz.	
Tick	3 to 6 fl. oz.	

Prevent Tree Borer: Apply DURSBAN 2E to flowering trees and shrubs of the Genus Prunus in water to 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 (Lawns 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.

Reduce Elm Bark Beetle: Prevention of Overwintering: To prevent the adult beetle from overwintering in uninfested 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 uninfested 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, lawns 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

Remove pets and cover fish bowls tanks before spraying.

DOSAGES and DIRECTIONS for USE on TURF

Pest	Dilution of DURSBAN 2E per 1000 sq. ft.	Remarks
Ants	1 1/2 fl. oz.	Spray when pests first appear, retreat when needed for soil webworms, delay watering or mowing the treated area for 12 to 24 hours after treatment.
Armyworm	3 to 6 fl. oz.	
Chigger	3 to 6 fl. oz.	
Chinch bug	3 to 6 fl. oz.	
Clover mite	3 to 6 fl. oz.	
Cricket	3 to 6 fl. oz.	
Cynch worm	3 to 6 fl. oz.	
Earwig	3 to 6 fl. oz.	
Flea	3 to 6 fl. oz.	
Grasshopper	3 to 6 fl. oz.	
Sod webworm	3 to 6 fl. oz.	
Tick	3 to 6 fl. oz.	

DOSAGES and DIRECTIONS for USE on TURF

DOSAGES and DIRECTIONS for USE on TURF

Pest	Dilution of DURSBAN 2E per 1000 sq. ft.	Remarks
Turfgrass (Hybrid)	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 grub (Including European chaffer, southern masked chaffer 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 for your area. Immediately after spraying, irrigate the treated area with 1/2 inch of water to wash the insecticide in the underlying soil.

DOSAGES and DIRECTIONS for USE on TURF

DURSBAN 2E (8 or 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 and surrounding area to a 4 ft. diameter (12 sq. ft.). For best results apply in cool weather, 65-85 F., or 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

Pests Controlled	Amount of DURSBAN 2E in Water to Make
Aphids	3 gallons
Begonias	0.5 fl. oz.
Eastern tent caterpillar	1.5 fl. oz.
Fall webworm	1.5 fl. oz.
Grasshopper	1.5 fl. oz.
Cinchorms	1.0 fl. oz.
Leafhoppers	1.0 fl. oz.
Moths	1.0 fl. oz.
Whiteflies	1.0 fl. oz.
Yellow-necked caterpillar	1.0 fl. oz.
Mimosa webworm	1.0 fl. oz.
Red-tipped caterpillar	1.0 fl. oz.
Thrips (exposed)	1.0 fl. oz.

DOSAGES and DILUTIONS for USE on ORNAMENTAL PLANTS

CONDITIONS and RATES to USE for MOSQUITO CONTROL

Condition of Area to be Treated	Amount to Use per Acre		Number Acres 1 Gallon of DURSBAI 2E Will Treat
	DURSBAI 2E (fluid ounces)	Chlorpyrifos (pounds)	
Adult Control Light to medium vegetative cover	16	0.025	60
Medium to heavy vegetative cover	32	0.05 ¹	40

¹The higher dosage will also give faster knockdown and longer residual control where there is little or no vegetative cover

Page 24

SPECIMEN LABEL
(BACK)
REDUCED TO 96%

444-343

Page 23

CONDITIONS and RATES to USE for MOSQUITO CONTROL

Condition of Area to be Treated	Amount to Use per Acre		Number Acres 1 Gallon of DURSBAI 2E Will Treat
	DURSBAI 2E (fluid ounces)	Chlorpyrifos (pounds)	
Larval Control None to medium vegetative cover	0.8 to 1.6	0.0125 to 0.025	100 to 80
Medium to heavy vegetative cover	1.6 to 3.2 ¹	0.025 to 0.05 ¹	60 to 40

DOSAGE for MOSQUITOES in WASTE WATER

Area to be Treated	dosage of DURSBAI 2E	Use (Method)
Sewage drains Waste disposal ponds and lagoons Industrial waste water impoundments	2 R oz per 1000 cu ft of water or 0.7 R oz per acre foot of water ¹	Pour the required amount of undiluted DURSBAI 2E into the flowing water or apply to the water surface as a coarse, low pressure spray. Treat stagnant waters by diluting DURSBAI 2E with sufficient water or air to obtain uniform distribution.
Catch basins Septic tanks	2 R oz per 1000 cu ft of water	Apply directly or flush the required amount down a toilet.
Catch basins	0.8 R oz per catch basin	Dilute 4 R oz of DURSBAI 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.

¹Equivalent to 0.1 part per million of chlorpyrifos in the total volume of water treated

Page 22

BEST DOCUMENT AVAILABLE

ND1-013-3

28006-C282

THE DOW CHEMICAL COMPANY

AND SUBSIDIARIES
MIDLAND MICHIGAN 48666 USA ROSENBERG SWITZERLAND HONG KONG
CORAL GABLES FLORIDA 33134 USA SARNIA ONTARIO CANADA
© Trademark of THE DOW CHEMICAL COMPANY

Page 21

Miscellaneous: Apply DURSBAI 2E insecticide to mosquito infested, non-crop areas according to the conditions and rates shown in the following table. Mix DURSBAI 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 DURSBAI 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 tanks, catch basins. Consult the following table for dosage and application details.

DOSAGE and DILUTIONS for USE on ORNAMENTAL PLANTS

Plant	Amount of DURSBAI 2E in Water to Make		
	3 gallons	10 gallons	100 gallons
Ash borer	2.0 fl oz	6.4 fl oz	2 quarts
Dogwood borer			
Elm borer			
White pine borer			
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

Page 20

Page 25

STORAGE AND DISPOSAL

Prohibitions: Do not contaminate water, food or feed by storage or disposal.
Pesticide Disposal: Pesticide, spray mixture, or rinsate that cannot be used or chemically reprocessed should be disposed of according to procedures approved by federal, state or local disposal authorities.
Container Disposal: Triple rinse (or equivalent) and dispose of in an approved landfill or bury in a safe place.
General: Consult federal, state or local disposal authorities for approved alternative procedures.

NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.
U.S. Patent No. 3,244,586



Precautions for these products. Do not use DURSBAI 2E in combination with dichlorvos



RD INSECTICIDE
LIQUID N.O.S.
(Chlorpyrifos) NA1983
E.P. = 72-1007

Page 26

135
CLP
1

DEC 1

Mr. B. H. Maffziger
Dow Chemical U.S.A.
Agricultural Products Department
P.O. Box 1706
Midland, MI 48648

Dear Mr. Maffziger:

Subject: Minor Label Revisions
Durban 2E Insecticide
EPA Registration No. 464-343
Application Date October 7, 1982

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Submit five copies of final printed labeling before you release this label for shipment.

Sincerely yours,

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

Enclosure