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Pm12
R.I.# 8590-394

OCT 1 1982

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Mr. Julius C. Friso
Agency, Inc.
Crop Services
P.O. Box 4741
Syracuse, NY 13221

BEST AVAILABLE COPY

Dear Mr. Friso:

Subject: Durban 2 EC
EPA Registration No. 8590-394
Your Application Dated August 12, 1982

The amendment referred to above, submitted in connection with registration under FIFRA sec. 3(c)(7)(A), is acceptable 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. Submit five (5) copies of your final printed labeling before you release the product for shipment.

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.

Sincerely yours,

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

Enclosure

TS-767; ELLENBERGER; DCR-24748; WANG-0319C; CBP; Raven; 479-2013; 9/23/82

ADVERTISING AND SALES PROMOTION SERVICES

COPY

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

((FRONT PANEL))

NET CONTENTS
1 gal., 5 gal.
30 gal.

PCA - 30 CHARACTERS
ELITE - 60 CHARACTERS

AGWAY

DURSBAN 2EC

Controls Pests of Households, Turf, Ornamental Plants as listed on this label. - 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 Organizations, Mosquito Abatement Districts and other Trained Personnel Responsible for Insect Control Programs.

Contains 2 pounds of chlorpyrifos per gallon.

ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	22.4%
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Xylene Range Aromatic Solvent	44.1%
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INERT INGREDIENTS:	<u>33.5%</u>
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TOTAL	100.0%
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DURSBAN^R - Registered trademark of The Dow Chemical Company.

KEEP OUT OF REACH OF CHILDREN (12 pt.)

WARNING (18 Pt.)

See additional cautions, warnings and directions on side panel.

AGWAY INC.
CHEMICAL DIVISION
BOX 4933
SYRACUSE, NY 13221

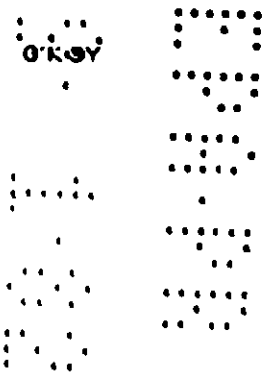
EPA Reg. No. 8590-394

EPA Est. No. 8590-PA-1

SHEET NO. 1 - 22

ACCEPTED
with COMMENTS
in EPA Letter Dated:

OCT 1 1982
8590-394



ADVERTISING AND SALES PROMOTION SERVICES

COPY

FOR: AGWAY DURSBAN 2EC

DATE: 3/23/82

((REAR PANEL))

PICA 38 CHARACTERS
ELITE - 60 CHARACTERS

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

MAY BE ABSORBED THROUGH SKIN

MAY BE INJURIOUS TO EYES AND SKIN

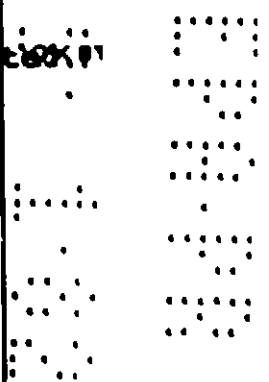
Do not take internally - Do not get in eyes or on skin - Wash thoroughly after handling - Wash Contaminated clothing before reuse - flush contaminated eyes with plenty of water and get prompt medical attention - Avoid breathing vapors and spray mist - Avoid spraying food crops - Keep away from food, 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. Call a physician.



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ADVERTISING AND SALES PROMOTION SERVICES

COPY

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

PGA - 80 CHARACTERS
ELITE - 80 CHARACTERS

Physical or Chemical Hazards

DLU.

DUPLICATE COPY

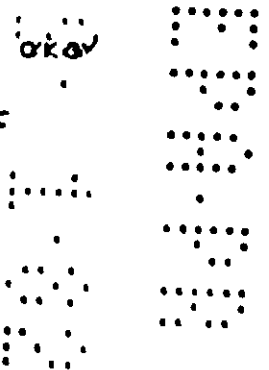
COMBUSTIBLE

Do Not Use or Store Near Heat or Open Flame

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 2EC 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.



DIRECTIONS FOR USE

READ THESE ENTIRE DIRECTIONS AND DISCLAIMER.

USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

AGWAY

DURSBAN 2EC

Controls Pests of Households, Turf, Ornamental Plants as listed on this label. - 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 Organizations, Mosquito Abatement Districts and other Trained Personnel Responsible for Insect Control Programs.

Contains 2 pounds of chlorpyrifos per gallon.

ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	22.4%
Xylene Range Aromatic Solvent	44.1%

INERT INGREDIENTS:	33.5%
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TOTAL	100.0%
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DURSBAN^R - Registered trademark of The Dow Chemical Company.

KEEP OUT OF REACH OF CHILDREN (12 pt.)

WARNING (18 Pt.)

See additional cautions, warnings and directions on side panel.

AGWAY INC.
CHEMICAL DIVISION
BOX 4933
SYRACUSE, NY 13221

EPA Reg. No. 8590-394

EPA Est. No. 8590-PA-1

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SHEET NO 1

ADVERTISING AND SALES PROMOTION SERVICES

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80311

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

((REAR PANEL))

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

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. Call a physician.

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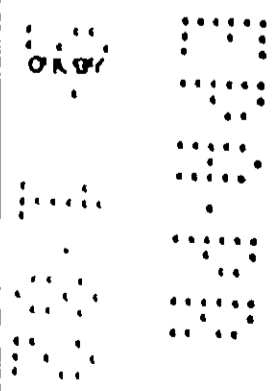
ADVERTISING AND SALES PROMOTION SERVICES COPY

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

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

PICA - 80 CHARACTERS
ELITE - 40 CHARACTERS



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FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

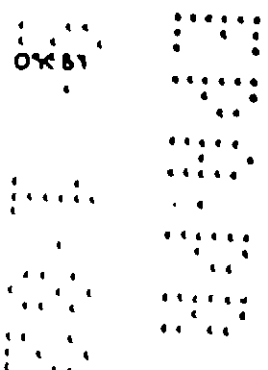
after 2 days from last treatment but emergency use should be limited to once per month.

PICA - 50 CHARACTERS
ELITE - 80 CHARACTERS

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.



Atropine only by injection is an antidote.

Physical or Chemical Hazards

COMBUSTIBLE

Do Not Use or Store Near Heat or Open Flame

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.

DIRECTIONS FOR USE

READ THESE ENTIRE DIRECTIONS AND DISCLAIMER.

USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

ADVERTISING AND SALES PROMOTION SERVICES

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

PESTS INDOORS:

General Information: Use Dursban 2EC insecticide as a spot treatment to control cockroaches, ants, crickets, firebrats, silverfish, spiders and brown dog ticks in and around residential, institutional and commercial buildings including homes, apartment buildings, hospitals, stores and warehouses. Dilute Dursban 2EC with water or with a suitable base oil to make a 0.25% or 0.5% chlorpyrifos spray as shown in the following SPRAY DILUTION CHART. Apply according to directions given for pests listed. Repeat the treatment as needed.

SPRAY DILUTION CHART

Gal. of Spray Mixture Desired	Fluid Oz.* of Dursban 2EC to Use	
	0.25% spray	0.5% spray
<u>Water-base spray:</u>		
1	1 1/3	2 2/3
3	4	8
5	6 2/3	13 1/3
10	13 1/3	26 2/3
<u>Oil-base spr.**:</u>		
1	1	2
3	3	6
5	5	10
10	10	21

*Note: 1 fluid ounce = 2 tablespoonfuls = 6 teaspoonfuls. Use only deodorized kerosene for oil based sprays to be applied in food handling establishments.

**Calculated on basis of deodorized kerosene.

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ADVERTISING AND SALES PROMOTION SERVICES

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

Note: Where quick "knockdown" and/or "flushing action" is desired, dichlorvos (DDVP) or pyrethrins (synergized pyrethrum) may be added to the spray mixture containing Dursban 2EC insecticide. For best results, use dichlorvos at a concentration of 0.25% in both water and oil-base sprays; use pyrethrins at 0.25% in water-base and 0.05% in oil-base sprays. Consult labeling for the dichlorvos or pyrethrins product used to determine the amount needed to give the desired spray concentration. Also read and observe all use and handling precautions for these products.

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)

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SHEET NO. 5 - 22

ADVERTISING AND SALES PROMOTION SERVICES

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

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.

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SHEET NO 7 - 22

ADVERTISING AND SALES PROMOTION SERVICES

8/23/82

FOR:

AGWAY CURSBAN 2EC

DATE: 8/23/82

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.

OK BY

SHEET NO 8 - 22

ADVERTISING AND SALES PROMOTION SERVICES

3/23/82

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

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 oil to evaporate before starting motors or placing switches in the "ON" position. For Spot Application Only. Do not use in poultry houses, other animal buildings or in edible products areas of food processing plants, restaurants, or other areas where food is commercially prepared or processed. Do not use in serving areas while food is exposed. Do not allow spray to contact food, feedstuffs, and water supplies. Thoroughly wash dishes and food

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SHEET NO 9 - 22

ADVERTISING AND SALES PROMOTION SERVICES

3031

FOR:

AGWAY DURSBAN 2EC

DATE: 8/23/82

handling utensils with soap and water if they become contaminated by application of this product. Do not allow children or pets to contact treated surfaces until spray has dried. Remove pets and cover fish bowls (tanks) before spraying.

PESTS OUT-OF-DOORS: General Information: Use

Dursban 2EC for control of certain pests of lawns and ornamental plants, for area control of ticks and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

Pests on Outside Surfaces of Buildings: Use

Dursban 2EC 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, millipedes, 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.)

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SHEET NO 10 - 22

ADVERTISING AND SALES PROMOTION SERVICES

375

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

because of possible injury. Repeat treatment as needed to maintain effectiveness.

Pests of Lawns and other Ornamental and Recreational Turf Grass Areas: Use Dursban 2EC insecticide to control ants, brown dog ticks, chinch bugs, crickets, cutworms, earwigs, grasshoppers and sod webworms (lawn moths). Mix Dursban 2EC with water according to directions given in the following table and apply as a coarse, low pressure spray using suitable application equipment. For best results, the lawn should be moist at time of treatment, and care should be taken to obtain complete and uniform coverage of pest infested areas. Spray when pests first appear; re-treat when needed.

DOSAGE and DILUTIONS for USE on TURF

Area to be Treated	Amount of Dursban 2EC	Dilute With Water To Give
500 sq. ft.	3/4 fl. oz.	15 gallons
1,000 sq. ft.	1 1/2 fl. oz.	30 gallons
5,000 sq. ft.	7 1/2 fl. oz.	150 gallons
10,700 sq. ft.	1 pint	325 gallons
One Acre	2 quarts	1,300 gallons

ADVERTISING AND SALES PROMOTION SERVICES

FOR: AGWAY DURSBN 2EC

DATE: 8/23/82

DOSAGES AND DIRECTIONS FOR USE ON TURF

Pest	Dosage Dursban 2EC per 1,000 sq.ft.	Remarks
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 for 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.

ADVERTISING AND SALES PROMOTION SERVICES

3131

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

DOSAGES AND DIRECTIONS FOR USE ON TURF

Pest	Dosage Dursban 2EC per 1,000 sq.ft.	Remarks
Ants	1½ fl.oz.	Spray when pests first
Armyworms		appear; retreat when
Chiggers		needed. For sod web-
Chinch bugs		worms delay watering
Clover mite		or mowing the treated
Crickets		area for 12 to 24
Cutworms		hours after treatment.
Earwigs		
Fleas		
Grasshoppers		
Sod webworms		
Ticks		

Bluegrass	3 to	Spray early in the sea-
billbug	6 fl.oz.	son when adults first
		appear. Retreat when
		needed.

+ 1½ fl. oz. per 1,000 sq. ft. = 7½ fl. oz. per
5,000 sq. ft. = 1 pint per 10,700 sq. ft. = 2
quarts per acre.

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FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs and scowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to the building, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use the same dosage and dilution recommended for control of these pests on turf as shown in the above table. Apply as a coarse spray to thoroughly and uniformly wet the band area.

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SHEET NO 14 - 22

2/22

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FOR: AGWAY DURSBAN 2EC DATE: 8/23/82

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.

PICA - 30 CHARACTERS
ELITE - 60 CHARACTERS

Mosquitoes: Apply Dursban 2EC to mosquito infested, non-crop areas according to the conditions and rates shown in the following table. Mix Dursban 2EC 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.

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 2 EC Will Treat
	Dursban 2 EC (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.

ADVERTISING AND SALES PROMOTION SERVICES

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FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

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Warning (Mosquito Control):

PICA - 30 CHARACTERS
ELITE - 40 CHARACTERS

Dursban 2EC is toxic to shrimp, crabs and fish. Do not apply to water containing crustaceans and fish. Consult your State Fish and Game Department before using this product for mosquito control.

STORAGE & DISPOSAL (12 pt.)

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

Pesticide Disposal: Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable procedures approved by federal, state or local authorities.

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

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

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(exposed) and whiteflies on flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with these pests. Dilute Durstban 2EC with water according to directions given in the following table and apply using suitable hand or power spray equipment in a manner to provide complete and uniform coverage of infested plants. Avoid overspraying to the point of excessive runoff. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. Note - Do not use on azaleas, camelias, poinsettias, rose bushes or variegated ivy because of possible injury to these plants.

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

Pests Controlled	Amount of DURSBAN 2EC in Water to Make			
	3 gals.	10 gals.	100 gals.	
Aphids	Mites	0.5	1.6	1 pint
Bagworms	Orange- Eastern tent caterpillar	fl. oz.	fl. oz.	
Fall webworm	Spittlebugs			
Grasshoppers	Whiteflies			
	Yellownecked caterpillar			

038

ADVERTISING AND SALES PROMOTION SERVICES

COPY

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

		Amount of DURSBAN 2EC in Water to Make		
Pests Controlled		3 gals.	10 gals.	100 gals.
Cutworms	Mimosa	1.0	3.2	1 qt. ++
Leafhoppers	webworm	fl. oz.	fl. oz.	
Mealybugs	Redhumped caterpillar			
	Thrips (exposed)			

+ Equivalent to 4 ounces of chlorpyrifos per 100 gallons.

++ Equivalent to 8 ounces of chlorpyrifos per 100 gallons.

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

Wood Boring Insects Infesting Shrubs and Trees such as Dogwood Borer, Lilac Borer, Ash Borer, Bronze Birch Borer, and Rhododendron Borer: Apply DURSBAN 2EC to the trunks and lower limbs of trees and shrubs when the adults begin to emerge. Con-

OK BY

SHEET NO. 16 - 22

ADVERTISING AND SALES PROMOTION SERVICES

2030

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

sult 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 2EC in 100 gallons of water and apply uniformly as a coarse, low-pressure spray.

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

Pests Controlled	Amount of DURSBAN 2EC in Water to Make		
	3 gals.	10 gals.	100 gals.
Ash borer	2.0	6.4	2 quarts+++
Bronze Birch borer	fl.oz.	fl.oz.	
Dogwood borer			
Lilac borer			
Rhododendron borer			
Scale crawlers:			
Oak lecanium			
Pine needle			
Tea			
White peach			
Peach tree borer	5.8	19.2	6 quarts++++
	fl.oz.	fl.oz.	

D.P. BY

ADVERTISING AND SALES PROMOTION SERVICES

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

+++ Equivalent to 1 pound of chlorpyrifos per 100 gallons.

++++Equivalent to 3 pounds of chlorpyrifos per 100 gallons.

Peach Tree Borer. Apply DURSBAN 2EC 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.

Warning (Lawn and Ornamental Plant Pests):

Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fishpools and other bodies of water.

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Area Control of Ticks & Chiggers: Use Dursban 2EC to control ticks infesting non-crop land areas such as roadsides, footpaths and trails, picnic

SHEET NO18 - 22

ADVERTISING AND SALES PROMOTION SERVICES

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

and camping sites, parks and other recreational areas where these pests are present and create a nuisance or possible public health problem.

Apply Dursban 2EC in water at the rate of 1 pint per acre (equivalent to 1 fluid ounce per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer or other suitable hand or power spray equipment. Treat low underbrush, grassy areas, weeds and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gallons per acre.

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 2EC 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 rootflare. 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

DKBY

SHEET NO 19 - 22

ADVERTISING AND SALES PROMOTION SERVICES

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

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.

Mosquitoes: Apply Dursban 2EC to mosquito infested, non-crop areas according to the conditions and rates shown in the following table. Mix Dursban 2EC 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.

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 2 EC Will Treat
	Dursban 2 EC (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.

ADVERTISING AND SALES PROMOTION SERVICES

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

Warning (Mosquito Control):

Dursban 2EC is toxic to shrimp, crabs and fish. Do not apply to water containing crustaceans and fish. Consult your State Fish and Game Department before using this product for mosquito control.

STORAGE & DISPOSAL (12 pt.)

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

Pesticide Disposal: Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable procedures approved by federal, state or local authorities.

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

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

OK BY

SHEET NO 21 - 22

ADVERTISING AND SALES PROMOTION SERVICES

3030

FOR: AGWAY DURSBAN 2EC

DATE: 8/23/82

NOTE: This pesticide is to be sold ONLY in this original, unbroken package.

DISCLAIMER: Buyer assumes all risks of use, storage or handling not in strict accordance with directions given herewith.

OK BY

SHEET NO 22 - 22