

KEEP OUT OF REACH OF CHILDREN

WARNING

MAY BE FATAL IF SWALLOWED • MAY BE ABSORBED THROUGH SKIN MAY BE INJURIOUS TO EYES AND SKIN COMBUSTIBLE

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 • DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME • Handle concentrate in a ventilated area.

Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

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

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

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.)

14271-428-1 1078

IMPORTANT
 Use and handling instructions on this carton. **DO NOT DISCARD.** Read Precautions on bottle before using.

Dursban 4E
 insecticide

Controls Numerous Pests of Residential, Industrial, Institutional, and Commercial Buildings

To Be Applied Only By or Under the Supervision of Pest Control Operators, Public Health Organizations, and Other Trained Personnel Responsible for Insect Control Programs

ACTIVE INGREDIENTS:
 Chlorpyrifos [O O-diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate] 44.4%
 Xylene range aromatic solvent 47.7%
INERT INGREDIENTS 7.9%
 Contains 4 pounds of chlorpyrifos per gallon.
 E.P.A. Registration No. 464-360 E.P.A. Est. 70-KY-4

USE DIRECTIONS

Pests Indoors

General Information: Use DURSBAN 4E 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 4E 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.

SPRAY DILUTION CHART

Concns of Spray Mixtures Desired	Amount of DURSBAN 4E to Use			
	0.25% spray		0.50% spray	
Water-base spray	fl oz	ml	fl oz	ml
1	1/2	20	1 1/2	40
2	1 1/2	40	2 1/2	80
3	2	60	4	120
Oil-base spray†				
1	1/2	15	1	30
2	1 1/2	30	2	60
3	2	45	3	90

† Calculated on basis of deodorized kerosene.

Note: Where quick "knockdown" and/or "flushing action" is desired, dichlorvos (DDVP) or pyrethrins may be added to the spray mixture containing DURSBAN 4E 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 the 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 4E in combination with dichlorvos (DDVP) or pyrethrins for treatment of food areas of food handling establishments.

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 to control cockroaches (including strains resistant to certain other insecticides), ants, crickets, firebrats, silverfish and spiders in and around both food and nonfood areas by application 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 pin stream of insecticide should be used. Repeat treatment as needed but not more often 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 4E may be applied after 2 days from last treatment but emergency use should be limited to once per month.

Application 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.

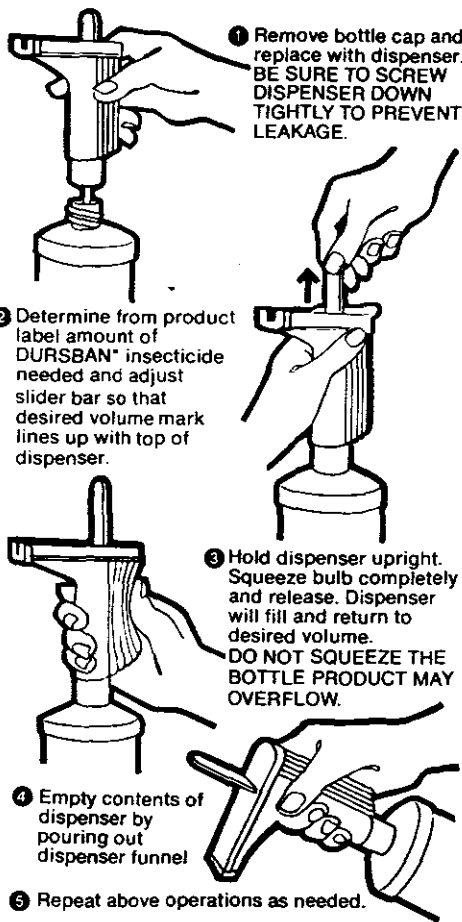
For control of carpet beetles, thoroughly apply a 0.5% spray as a spot treatment along baseboards and edges of carpeting, under carpeting, rugs and furniture, in closets and on shelving, and wherever else these insects are seen or suspected.

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-based 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 housing meat or dairy animals. 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. Remove pet fish cover fish bowls (tanks) before spraying.

WARNING: INSECTICIDE DISPENSER DO NOT USE FOR ANY OTHER PURPOSE

DIRECTIONS FOR USE



4 — 16 Oz (473.2 ML) plastic bottles & 2 applicators
1.89 L/0.5 GAL NET

THE DOW CHEMICAL COMPANY

MIDLAND, MICHIGAN 48640

* Trademark of The Dow Chemical Company

464-360

06/14/1979

1/4

CARTON



DURSBAN[®] 4E

EMULSIFIABLE INSECTICIDE

E.P.A. Registration No. 464-360

For Use to Protect Southern Pine Seedlings from Damage
by Pales and Pitch-Eating Weevils

To Be Applied Only By or Under the Supervision of Qualified Personnel
Responsible for Insect Control Programs on Forest Lands

USE DIRECTIONS

DURSBAN 4E insecticide is recommended for treatment of southern pine seedlings used in forest regeneration projects to reduce mortality caused by damage from pales and pitch-eating weevils. **Treat the seedlings immediately after transplanting** by applying DURSBAN 4E as a foliar spray containing 2% chlorpyrifos. Prepare the spray by thoroughly mixing 5 1/2 fluid ounces of DURSBAN 4E per gallon of water and apply using hand or power operated spray equipment. Treat each seedling with enough spray to thoroughly wet the foliage and stems to the point of runoff but do not use more than 6 gallons of spray per acre

Warning: Wear suitable protective clothing when preparing and applying sprays containing DURSBAN 4E as needed to prevent contact with skin and eyes. Read and carefully follow all other use and precautionary information given on this labeling and on the label affixed to the product container.

USE PRECAUTIONS

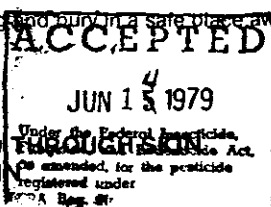
This product is highly toxic to bees exposed to direct treatment or residues on plants.

DURSBAN 4E is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. 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. **Apply this product only as specified on this labeling.**

Do not reuse empty container. Promptly destroy it by crushing or perforating and bury in a safe place away from domestic water supplies.

WARNING

KEEP OUT OF REACH OF CHILDREN
MAY BE FATAL IF SWALLOWED • MAY BE ABSORBED THROUGH SKIN
MAY BE INJURIOUS TO EYES AND SKIN
COMBUSTIBLE



Do Not Take Internally • Do Not Get in Eyes or on Skin • Wash thoroughly after handling • Wash contaminated clothing before re-use • 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 • DO NOT USE, POUR, SPILL, OR STORE NEAR HEAT OR OPEN FLAME • Handle concentrate in a ventilated area.

Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.
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

THE DOW CHEMICAL COMPANY

AND SUBSIDIARIES

MIDLAND, MICHIGAN 48640, USA ZURICH, SWITZERLAND HONG KONG, B.C.C.
CORAL GABLES, FLORIDA 33134, USA SARNIA, ONTARIO, CANADA

*Trademark of THE DOW CHEMICAL COMPANY

SPECIMEN LABEL



DURSBAN[®] 4E insecticide

Controls Numerous Pests of Residential, Industrial,
Institutional, and Commercial Buildings

To Be Applied Only By or Under the Supervision of Pest Control
Operators, Public Health Organizations, and Other Trained Personnel
Responsible for Insect Control Programs

ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl)
phosphorothioate] 44.4%
Xylene range aromatic solvent 47.7%
INERT INGREDIENTS 7.9%
Contains 4 pounds of chlorpyrifos per gallon.

E.P.A. Registration No. 464-360

E.P.A. Est 70-KY-1

KEEP OUT OF REACH OF CHILDREN

WARNING

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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 • DO NOT USE
OR STORE NEAR HEAT OR OPEN FLAME • Handle concentrate in a
ventilated area.

Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

473.2 ML / 16 FL OZ

USE DIRECTIONS Pests Indoors

General Information: Use DURSBAN 4E insecticide to control the pests indicated in the areas listed on the carton 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 4E 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.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	Amount of DURSBAN 4E to Use			
	0.25% spray		0.50% spray	
Water-base spray	1 fl oz	20 ml	1 1/2 fl oz	40 ml
	2	40	3	80
	3	60	4	120
Oil-base spray†	1	15	1	30
	2	30	2	60
	3	45	3	90

† Calculated on basis of deodorized kerosene.

Read Complete Use Directions ENVIRONMENTAL AND USE PR

DURSBAN 4E is toxic to fish and other wildlife. Keep out of streams, ponds, tidal marshes, and estuaries. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Do not reuse empty container by perforating or crushing. Eject in a safe place away from domestic water supplies.

NOTICE: Plastic containers become susceptible to breakage at temperatures. DO NOT DROP this

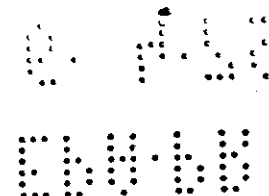
NOTICE: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR 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

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THE DOW CHEMICAL CO
MIDLAND, MICHIGAN 48640

* Trademark of THE DOW CHEMICAL COMPANY

BOTTLE



2/4



DURSBAN* 4E

Insecticide

EPA Registration No. 464-360

For Use to Aid in the Protection of Pines from Damage by Southern Pine Beetles.
To Be Applied Only By or Under the Supervision of Pest Control Operators or Other Trained Personnel Responsible for Insect Control Programs.

USE DIRECTIONS

It is a violation of federal law to use this product in a manner inconsistent with its labeling. DURSBAN 4E insecticide is recommended for treatment of pines to help reduce damage and possible mortality caused by infestations of the southern pine beetle. Use DURSBAN 4E as a 1% chlorpyrifos spray by application to *individual* trees using suitable hand- or power-operated ground spray equipment. To prepare the spray thoroughly mix 2% fluid ounces of DURSBAN 4E with water to make up a total of 1 gallon of mixture (equivalent to 2.1 gallons in 100 gallons of water) and spray to the point of runoff. Do not mix with oil. For preventive treatment apply the spray to the main trunk of pines in the early spring or when threat of attack exists from nearby infested trees. Repeat treatment as needed for continued protection. For remedial treatment, apply the spray to the main trunk of infested trees (or to infested logs) when damage occurs but before adult beetles begin to emerge.

Warning: Wear suitable protective clothing when preparing and applying sprays containing DURSBAN 4E as needed to prevent contact with skin and eyes. Read and carefully follow all other use and precautionary information given on this labeling and on the label affixed to the product container.

USE PRECAUTIONS

This product is highly toxic to bees exposed to direct treatment or residues on plants. DURSBAN 4E insecticide is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. 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. Apply this product only as specified on this label. Do not reuse empty container. Promptly destroy it by crushing or perforating and bury in a safe place away from domestic water supplies.

KEEP OUT OF REACH OF CHILDREN

WARNING

MAY BE FATAL IF SWALLOWED • MAY BE ABSORBED THROUGH SKIN
COMBUSTIBLE

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 • Do not Use or Store Near Heat or Open Flame • Do Not Cut or Weld Container • Handle Concentrate in a Ventilated Area.

Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote. **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

THE DOW CHEMICAL COMPANY

AND SUBSIDIARIES

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

*Trademark of THE DOW CHEMICAL COMPANY

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DOSAGES and DIRECTIONS for USE on TURF

Pest	Dosage DURSBAN 4E per 1000 sq. ft.	Remarks
Ants Armyworms Browne dog tick Chiggers Chinch bugs Clover mite Crickets Cutworms Earwigs Fleas Grasshoppers Sod webworms	3/4 fl. oz.	Spray when pests first appear; retreat when needed. For sod webworms delay watering or mowing the treated area for 12 to 24 hours after treatment.
Turfgrass (Hyperodes) weevils	1 1/2 fl. oz.	Spray suspected problem areas in mid-April and again in mid-May or as recommended by your local Agricultural Extension Service specialist for your area.
White grubs (European chafer and Japanese beetle larvae only)	1 1/2 to 3 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 into the underlying soil.

3/4 fl. oz. per 1000 sq. ft. = 3 3/4 fl. oz. per 5000 sq. ft. = 1/2 pint per 10,700 sq. ft. = 1 quart per acre.

Pests of Ornamentals: Use DURSBAN 4E to treat flowers, shrubs, vines, shade and flowering trees, and evergreens found to be infested with the pests listed in the following table. Dilute DURSBAN 4E 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-day intervals, if needed. **Note:** Do not use on azaleas, camellias, poinsettias, rose bushes, or variegated ivy because of possible injury to these plants.

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 (Turf 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. Do not allow livestock to graze in treated areas. Do not feed treated grass cuttings (hay) or seed screenings to livestock nor use hay for livestock bedding.

Area Control of Ticks and Chiggers: Use DURSBAN 4E 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 4E in water at the rate of 1/2 pint per acre (equivalent to 1/2 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.

MOSQUITOES: Apply DURSBAN 4E to mosquito infested, non-crop areas according to the conditions and rates shown in the following table. Mix DURSBAN 4E with either water or oil, 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.

DOSAGES and DILUTIONS for USE on ORNAMENTAL PLANTS

Pests Controlled	Amount of DURSBAN 4E in Water to Make		
	3 gallons	10 gallons	100 gallons
Aphids Bagworms Eastern tent caterpillar Fall webworm Grasshoppers	0.25 fl. oz.	0.8 fl. oz.	0.5 pint
Cutworms Leafhoppers Mealybugs	0.5 fl. oz.	1.6 fl. oz.	1 pint
Ash borer Lilac borer	1.0 fl. oz.	3.2 fl. oz.	1 quart
Mimosa webworm Redhumped caterpillar Thrips (exposed)			
Scale crawlers Oak lecanium Pine needle Tea White peach			

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.

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 4E Will Treat
	DURSBAN 4E (fluid ounces)	Chlorpyrifos (pounds)	
Larval Control None to medium vegetative cover	0.4 to 0.8	0.0125 to 0.025	320 to 160
Medium to heavy vegetative cover	0.8 to 1.6	0.025 to 0.05	160 to 80
Adult Control Light to medium vegetative cover	0.8	0.025	160
Medium to heavy vegetative cover	1.6	0.05	80

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

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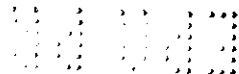
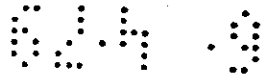
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THE DOW CHEMICAL COMPANY

AND SUBSIDIARIES

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LOT MM

SPECIMEN LABEL
REDUCED TO 90%



DURSBAN* 4E

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 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] 44.4%
Xylene range aromatic solvent 47.7%
INERT INGREDIENTS 7.9%
Contains 4 pounds of chlorpyrifos per gallon.
E.P.A. Registration No. 464-360 E.P.A. Est. 464-MI-1

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Note to Physician: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

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

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

ENVIRONMENTAL AND USE PRECAUTIONS

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 4E is toxic to fish, birds, and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. 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. Apply this product only as specified on this label.

Do not reuse empty container. Destroy it by perforating or crushing. Bury or discard in a safe place away from water supplies.

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

USE DIRECTIONS

Pest Directions

General Information: Use DURSBAN 4E 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 4E 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.

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	Fluid Ounces [†] of DURSBAN 4E to Use	
	0.25% spray	0.50% spray
Water-base spray:		
1	3/8	1 1/8
3	2	4
5	3 1/2	6 1/2
10	6 1/2	13 1/2
Oil-base spray^{**}:		
1	1/2	1
3	1 1/2	3
5	2 1/2	5
10	5	10 1/2

[†]Note: 1 fluid ounce = 2 tablespoons = 6 teaspoons. ^{**}Calculated on basis of deodorized kerosene

Note: Where quick "knockdown" and/or "flushing action" is desired, dichlorvos (DDVP) or pyrethrins may be added to the spray mixture containing DURSBAN 4E 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 the 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 4E in combination with dichlorvos (DDVP) or pyrethrins for treatment of food areas of food handling establishments.

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, Battering Plants, Canneries and Grain Mills: Use as a spot treatment to control cockroaches (including strains resistant to certain other insecticides), ants, crickets, firebrats, silverfish and spiders in and around bath food and nonfood areas by application 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 pin stream of insecticide should be used. Repeat treatment as needed but not more often 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 4E may be applied after 2 days from last treatment but emergency use should be limited to once per month.

Application 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 bases 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. Remove pets and cover fish bowls (tanks) before spraying.

Pests Out-of-Doors

General Information: Use DURSBAN 4E 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 4E 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, porches, 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, millipedes, and sowbugs (pillbugs), treat a band of soil 6 to 10 feet wide around and adjacent to the buildings, also the building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 8 ounces of DURSBAN 4E 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, other Ornamental and Recreational Turf Grass Areas and Perennial Turf Grasses Grown Only for Seed: Use DURSBAN 4E to control the pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute DURSBAN 4E 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.

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DISCARD PREVIOUS SPECIMEN LABELS.

REVISIONS INCLUDE: (1) USE ON PERENNIAL TURF GRASSES FOR SEED.
(2) USE ON OUTSIDE SURFACES OF BUILDINGS.

Handwritten initials or mark.