

Specimen Label

ACCEPTED
MAY 26 1980
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 464-360

Dursban*

Insecticide

4E
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To Be Applied Only by or Under the Direct Supervision of Commercial Applicators Responsible for Insect Control Programs. Sale to or Use by Persons Owning or Occupying a Dwelling is Strictly Prohibited.

Active Ingredient(s)

Chlorpyrifos (O,O-diethyl O-(3,5,6-trichloro-2-pyridinyl)phosphorothioate)

44.9%

Inert Ingredients

55.1%

Contains 4 pounds of chlorpyrifos per gallon

Contains xylene range aromatic solvents

EPA Registration No. 464-360

EPA Est. 464-MI-1

KEEP OUT OF REACH OF CHILDREN

WARNING

AVISO:

PRECAUCION AL USUARIO:

Si usted no lee inglés, no use este producto hasta que la etiqueta le haya sido explicada ampliamente

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

MAY BE FATAL IF SWALLOWED

- ABSORPTION THROUGH SKIN MAY BE FATAL • CAUSES SUBSTANTIAL BUT TEMPORARY EYE INJURY
- CAUSES SKIN IRRITATION

Do Not Get In Eyes, On Skin Or Clothing

- Avoid breathing Vapors And Spray; Mist
- Handle Concentrate In A Ventilated Area

• When Handling Concentrate Wear Eye

Protection And Protective Clothing Such As

Long-Sleeved Shirt, Long-Legged Pants,

Rubber Gloves And Footwear, i.e. Neoprene

Or Nitrile Butadiene Rubber, Resistant to

Aromatic Solvents • Wash Thoroughly With

Soap And Water After Handling And Before

Eating Or Smoking • Remove Contaminated

Clothing And Wash Before Reuse • Keep

Away From Food, Feedstuffs And Water

Supplies

STATEMENT OF PRACTICAL TREATMENT If Swallowed:

Call a physician or Poison Control Center immediately. Do not induce vomiting. Contains an aromatic petroleum solvent.

Do not give anything by mouth to an unconscious person. If

On Skin: immediately wash with plenty of soap and water.

Get medical attention. If **In Eyes:** Flush with plenty of water

for 15 minutes. Get medical attention. If **Inhaled:** Remove to

fresh air if symptoms of cholinesterase inhibition appear and

get medical attention immediately.

NOTE TO PHYSICIAN: Chlorpyrifos is a cholinesterase

inhibitor. Treat symptomatically. If exposed, plasma and red

blood cell cholinesterase tests may indicate significance of

exposure (baseline data are useful). Atropine, only by

injection, is the preferable antidote. Oximes, such as 2-PAM

protopam, may be therapeutic if used early; however, use

only in conjunction with atropine. In case of severe acute

poisoning, use antidote immediately after establishing an

open airway and respiration.

Physical or Chemical Hazards

COMBUSTIBLE • Do Not Use or Store Near

Heat or Open Flame. • Do Not Cut or Weld

Container.

Environmental Hazards

This pesticide is toxic to birds and wildlife, and extremely

toxic to fish and aquatic organisms. Do not apply directly to

water. Drift and runoff from treated areas may be hazardous

to aquatic organisms in adjacent aquatic sites. Cover or

incorporate spills. Do not contaminate water by cleaning of

equipment or disposal of waste. This product is highly toxic

to bees exposed to direct treatment or residues on blooming

crops or weeds. Do not apply this product or allow it to drift

to blooming crops or weeds if bees are visiting the treatment

area.

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Dursban* 4E

NOTICE

Read and understand the label directions for use and handling according to label directions.

Before using or using this product, read the entire label. DIRECTIONS AND PRECAUTIONS are written in the order of importance. If not acceptable, do not use. **Unopened** packages of this product are eligible for refund. To obtain a refund, call 1-800-4-A-M-D. Refund will be given only if you return the product in its original container. Terms under WARRANTY, MIXTURES, and APPLICATIONS REFER

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

IN CASE OF AN EMERGENCY

endangering life or property involving this product, call collect 517-636-4400

DIRECTIONS FOR USE

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

Do not apply this product through a ventilation or air conditioning system.

Do not formulate this product into other end-use products

GENERAL INFORMATION

DURSBAN 4E insecticide is a contact type insecticide formulated designed for use as a spray to control a wide variety of flies, bees, ants and ornamental plant pests. It is also used and listed in the accompanying label as a contact type insecticide compatible with insecticides of the pyrethrin and DDT families. Commonly recommended except for use with materials such as Bordeaux mixture and lime. Always formulate a spray mixture should be prepared to make a spray of adequate volume for a large volume of spray application.

Attention: Do not allow a child, dog, or pet to play in treated areas until spray has dried. Keep children, dogs and other animals off of water. Do not treat vegetable gardens. Do not allow livestock to graze in treated areas. Do not feed treated grass cuttings (hay) or seed screenings to livestock or use hay for livestock bedding. Do not use in poultry houses.

Pest Control Indoors

Use DURSBAN 4E insecticide to control pests listed in the following table by applying at the recommended dosages. Use a 0.25% spray to control ant infestations and a 0.1% spray to quickly reduce heavy infestations or as directed. To prepare the spray, dilute DURSBAN 4E insecticide with water or with a suitable base oil. Use only deodorized kerosene for oil-based sprays in food handling establishments.

Applications may be made within residential buildings including homes and apartment buildings. Applications may also be made within mausoleums and nonfood areas of industrial, institutional, and commercial buildings including hospitals, stores, manufacturing plants, and warehouses. Applications may be made within **food handling establishments**. This includes, but is not limited to, restaurants, grocery stores, bakeries, bottling plants, canneries, and grain mills.

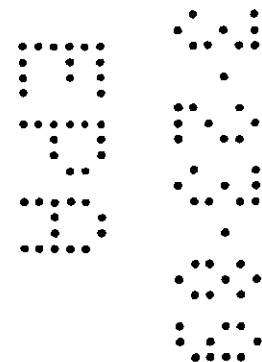
Apply as a coarse, low pressure spray (20 psi or less) or with a paint brush to localized areas in and around both food and non-food areas. Treat where insects are found or normally occur including dark corners of rooms and closets, floor drains, cracks and crevices in walls, along and behind baseboards, beneath and behind sinks, stoves, refrigerators, refrigerator units, and cabinets, and around plumbing and other utility installations.

Food and food handling establishments use only as a spot treatment. Spot treatment may encompass crack and crevice treatments by applying small amounts of material directly into openings including floor and door way spaces, in walls, equipment gaps, etc. Do not allow material to collect at points between different elements of construction, i.e. between equipment and doors, equipment separate of receiving a downstream of spray should be used for spot treatment as needed, but not more than once every 30 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 use, tank of DURSBAN 4E insecticide 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.

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 based sprays, use pyrethrins at 0.25% in water-based sprays and 0.05% in oil-based sprays. Consult labeling for dichlorvos or pyrethrin products used to determine the amount needed to give the desired spray concentration. Also read and observe all use and handling precautions for these products. **Mixtures of DURSBAN 4E insecticide and dichlorvos (DDVP) should not be sprayed on carpets.**

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 based 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 allow spray to contact food, feedstuffs, or 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. Do not introduce the spray into the air or allow the spray to contact food or food contacting surfaces.



Pest†	Amount of DURSBAN 4E per		Specific Directions
	1000 sq. ft.	acre	
Ants (including foraging fire ants) Armyworms (Such as: armyworm (yellow-striped)) Centipedes Chiggers (1) Chinch bugs Clover mites Cutworms Crickets Earwigs Fairy skipper Fire ants (mounds)(2) Flies Grubs Grasshoppers Greenbugs June beetles Leafhoppers Lucerne moths Millipedes Mites (Such as: Clover Formula grass, Winter grass) Mosquitoes(3) Sod webworms(4) (awn moths) Sowbugs Springtails Ticks(1)	1 1/2 oz	1 qt	<p>1. Use DURSBAN 4E insecticide for area control of Ticks and Chiggers infesting non-crop 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 a possible public health problem. Do not allow public use of treated areas during application until spray has dried. Apply DURSBAN 4E in water at the rate of 1/2 pint per acre (equivalent to 1 1/2 fl. oz. per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer, or other suitable hand- or power-operated 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.</p> <p>2. For individual fire ant mounds, apply DURSBAN 4E as a drench diluted at the rate of 1 fl. oz. (30 ml) per 4 gallons of water.</p> <p>Evenly sprinkle a total of 1 gallon of the diluted emulsion over the surface of each mound using a gentle spray (such as a sprinkler can). Thoroughly wet mound and surrounding areas to a 4 ft. diameter (12 sq. ft.). For best results, apply in cool weather (55-60°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.</p> <p>3. Mosquitoes coming to rest on areas treated for control of turf pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions.</p> <p>4. For sod webworms delay watering and mowing the treated area for 12 to 24 hours after treatment.</p>
European crane fly	1 1/2 oz	1 1/2 qt	
Turfgrass weevil (<i>Hyperodes</i>) (1)	1 1/2 fl. oz	2 qt	<p>1. Spray suspected problem areas in mid-April and again in mid-May or as recommended by your Local Agricultural Extension Service specialist.</p>
White grubs (Such as: Black turfgrass ataenius, European chaffer Southern masked chaffer and Japanese beetle larvae) (1)	1/2 to 3 fl. oz	2 qt to 1 gal	<p>1. 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. Immediately after spraying, irrigate the treated area with 1/2 to 1 inch of water to wash the insecticide into the underlying soil.</p>
Bluegrass billbugs(1)	1/2 to 3 fl. oz	1 qt to 1 gal	<p>1. For bluegrass billbugs spray early in the season when adults first appear. Retreat as needed.</p>

†Numbers in parentheses refer to Specific Directions

Pest Control on Outside Surfaces and Around Buildings

Apply DURSBAN 4E as a residual spray to outside surfaces of buildings including porches, window frames, eaves, patios, garages, refuse dumps and other areas where pests are reported or have been seen. Repeat treatment as needed to maintain effectiveness.

Pest†	Amount of DURSBAN 4E in Water to Make:			Specific Directions
	1 gal.	10 gal.	50 gal.	
Ants	For Band Treatment (1)			<ol style="list-style-type: none"> To help prevent infestation of buildings, treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also the building foundation to a height of 1 to 3 feet where pests are active and may find entrance. Use 4 fluid ounces of DURSBAN 4E per 50 gallons of water and apply as a coarse spray at the rate of about 10 gallons spray mixture per 1,000 sq. ft. thoroughly and uniformly wet the band area. For scorpions treat or remove accumulations of lumber, firewood, and other materials which serve as insect harborage sites.
Bees				
Carpenter ants	1/2 fl. oz.	4 fl. oz.	4 fl. oz.	
Cover mites				
Cockroaches				
Crickets				
Earwigs				
Flies				
Hornets				
Millipedes				
Mosquitoes				
Scorpions(2)				
Silverfish				
Spiders				
Wasps				
Yellowjackets				
	For Outside Surfaces			
Ants	1/2 fl. oz.	4 fl. oz.	4 fl. oz.	

†Numbers in parentheses refer to Specific Directions.

Ornamentals (Soil Treatment)

Use DURSBAN 4E insecticide to treat potted, containerized and balled and burlapped nursery stock to control the insects in the soil attached to the roots of these plants. Completely submerge the ball of soil in a tank containing diluted DURSBAN 4E insecticide. Do not remove burlap wrap on plastic containers with drain holes prior to submerging. Keep soil submerged until complete saturation has occurred, normally about 30 seconds. **Note:** Wear rubber gloves, boots, and apron during this operation. Application should be made in a well-ventilated area. **Note:** Environmental factors significantly affect **phytotoxicity**. DURSBAN 4E has been tested on numerous ornamental plants without causing serious phytotoxicity. However, because of the numerous varieties grown, it is recommended that a small group of plants be treated at the recommended rate under the anticipated growing conditions and observed for phytotoxic symptoms for at least 7 days, before a large number of plants are treated.

chemically resistant

Pests†	Amount of DURSBAN 4E in Water to Make:		Specific Directions
	1 gal.	100 gal.	
Fire ants(1)	1/2 fl. oz.	1 fl. oz.	1. An alternate treatment to submerging potted plants is to dilute 4 oz. of DURSBAN 4E insecticide in 100 gals. of water. This dilution should be applied to the point of runoff on a twice-daily schedule for three consecutive days. Do not remove burlap wrap or container from plants prior to treatment.
Grubs Weevils	1/2 fl. oz.	1 qt.	

†Numbers in parentheses refer to Specific Directions.

Pest†	Amount of DURSBAN 4E in Water to Make:			Specific Directions
	1 gallon	3 gallons	100 gallons	
Armyworms (Beet) Beetles (Fuller rose Native elm bark)(1) Caterpillars Leafhoppers Mahogany webworms Mealybugs Mimosa webworms Moths (Such as Sawtooth, Cypress tip, Douglas fir Tussock, European pine shoot, Spruce(2), Holly bud, Nantucket pine tip, Pandora, Pitch pine tip, Subtropical pine tip, Tussock) Sawworms (Such as California, Orange-striped, Redhumped) Redhumped caterpillars Trips (exposed) Weevils (Such as Blackvine(3), Yellow Poplar, Pine reproduction)	4 fl. oz.	12 fl. oz.	1 pt.	1 To reduce twig and branch feeding by bark beetles applications should be made in the spring or early summer. 2 To kill migrating and invading gypsy moth larvae treat trunks and foliage. 3 Blackvine weevils are night feeders late afternoon spraying will give control in some areas.
Beetles (Such as Cottonwood leaf(1) Elm leaf, Flea, Willow leaf)	4 to 12 fl. oz.	12 to 36 fl. oz.	1 qt. to 1 gal.	1 For cottonwood leaf beetles use DURSBAN 4E in water to control larvae and adults infesting cottonwoods. Make the treatment when field counts indicate damaging beetle populations are developing or present.
Borers(1): Clearwing moths (Such as Ash, Dogwood, Lesser peachtree borer, Oak, Rhododendron) Metallic wood (Such as Bronze birch Flatheaded apple tree, Twolined Chestnut), Longhorned beetles (Such as Locust, Red oak) Leafminers Needleminers (Such as Jeffrey pine, Lodgepole pine, Spruce) Scale crawlers (Such as Cottonycushion, Cottony maple, Euonymus, Fletcher, Florida wax, Golden oak, Hemispherical Lecanium, Magnolia, Oak kermes, Oystershell, Pine needle, San Jose Scale, White birch)	1 fl. oz.	3 fl. oz.	1 qt.	1 For borers apply DURSBAN 4E 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. Apply uniformly as a coarse low-pressure spray.
Borers (Such as Cottonwood, Peachtree)(1)	1 fl. oz.	3 fl. oz.	3 qt.	1 For peachtree borers apply DURSBAN 4E in water to flowering trees and shrubs of the genus <i>Prunus</i> 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.
Beetles (Such as Ambrosia, Anobiidae, Black turpentine, Cottonwood leaf, Elm leaf, European elm bark, Flea, Fuller rose, Japanese, June, Native elm bark, Southern pine, Willow leaf)(1)	2 1/2 fl. oz.	8 fl. oz.	2 gal.	1 For preventive treatment apply the spray to the main trunk of trees in the early spring or when threat of attack exists from nearby infested trees. For remedial treatment apply the spray to the main trunk of infested trees when damage occurs but before adult beetles begin to emerge.

†Numbers in parentheses refer to Specific Directions.

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Tree and Forest Pests (Nurseries, Plantations, and Felled Trees)

Use DURSBAN 4E to control the most serious tree and forest pests on nursery, plantation trees, transplanted trees, and felled trees and to be infested with pests listed in this table. Use DURSBAN 4E with water to make the spray. Use the table and apply in the following manner: Provide complete coverage. For best results, apply DURSBAN 4E to the canopy, well down upper and lower branches of trees

infested, and do not allow the spray to penetrate dense shade but avoid over-spray to the point of excessive runoff. **Attention:** For felled trees that after cutting, do not handle until spray has dried. Wear suitable protective clothing. **Do not treat bearing fruit and nut trees** with DURSBAN 4E except as noted in the Dormant Spray section. The dormant spray should be repeated at 7 to 10 day intervals if needed.

Consult your State Agricultural Experiment Station or Extension Service for DURSBAN 4E application timing and other specific use information.

Pest	Amount of DURSBAN 4E in Water to Make:			Specific Directions
	1 gallon	3 gallons	100 gallons	
Red TS (Scale) (1)	1/2	1/2	1/2	<p>For bagworms treat when insects are in the crawler stage.</p> <p>For leafrollers (1) and leafrollers spray should be applied before leaves are fully unfolded.</p> <p>For maple leafcutter on maple trees spray should be given as cases are being removed. Do not treat sugar maple trees intended for maple syrup production.</p> <p>For spider mites spray when large numbers of eggs are present. Apply a second spray after 7 to 10 days in the South or 7 to 10 days in the North after initial treatment to control newly-hatched nymphs.</p>
White Bark (2)	1/2	1/2	1/2	
Buds (Such as: Apple, Hawthorn, Pear, Peach, Rose, Spirea, Willow)	1/2	1/2	1/2	
Bagworms (1)	1/2	1/2	1/2	
Bark Louse	1/2	1/2	1/2	
Bark Weevils	1/2	1/2	1/2	
Bark Beetles	1/2	1/2	1/2	
Bark Borers	1/2	1/2	1/2	
Bark Weevils	1/2	1/2	1/2	
Bark Beetles	1/2	1/2	1/2	
Bark Beetles	1/2	1/2	1/2	
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Bark Beetles	1/2	1/2	1/2	
Bark Beetles	1/2	1/2	1/2	

Numbers in parentheses refer to specific directions.

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Pests	Amount of DURSBAN 4E in Water to Make:			Specific Directions
	1 gallon	3 gallons	100 gallons	
Beetles (Such as: Bark beetle) Bark beetles Barkhoppers Mahogany webworms Maybugs Mimosa webworms Moths (Such as: Brown-tail, spruce borer, Douglas fir tussock, European spruce sawfly, Gypsy moth, white bark, spruce tip, spruce sawfly, tussock) Sawflies (Such as: Darter, a large-striped, Red-throated) Six-legged caterpillars (Not exposed) Weevils (Such as: Black vine, B. white, yellow poplar, Pine reproduction)	1.2	1.2	1.2	Apply to twig and branch feeders and bark beetles applications should be made in the spring or early summer. For migrating and invading gypsy moth larvae treat trunk and for Blackvine weevils are night feeders afternoon spraying will give best results in some areas.
Beetles (Such as: Cottonwood leaf beetle, Great Willow leaf)	1.2	1.2	1.2	For cottonwood leaf beetles use DURSBAN 4E in water to control larvae and adults infesting cottonwoods. Make the treatment when field counts indicate damage and when populations are developing present. For seedlings use 8 to 10 gallons of spray volume per acre.
Borers (Clearwing moths (Such as: Ash, Dogwood, Lesser peachtree borer, Oak, Rhododendron, Maraca borer) (Such as: Bronze birch borer, Flatheaded apple tree, Twined chestnut), Longhorned beetles, (Such as: Locust, Red oak, Cranberry girdler larvae), Leafminers Needleminers (Such as: Jeffrey pine, Lodgepole pine, Spruce) Scale crawlers (Such as: Cottony cushion, Cottony maple, Eucynimus, Fletcher, Florida wax scale, Golden oak, Hemispherical, Liriodendron, Magnolia, Oak kermes, Cystococcus, Pine needle, San Jose, Tea, White birch)	1.2	1.2	1.2	For borers apply DURSBAN 4E to the trunks and lower limbs of trees and shrubs when the adults begin to emerge. Consult your local State Agricultural Experimental Station or Extension Service specialist for proper time to treat. Apply uniformly as a coarse low-pressure spray. For cranberry girdler larvae infesting Douglas fir seedlings apply 1 quart of DURSBAN 4E per acre as a trunk spray at the lower crown and stems using 50 gallons of water per acre. Irrigate immediately after application for soil penetration of 2 to 3 inches. Treat after egg laying during the summer.
Borers (Such as: Cottonwood Peachtree)	1.2	1.2	1.2	For peach tree borers apply DURSBAN 4E in water to flowering trees and shrubs of the genus <i>Prunus</i> 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.

*Numbers in parentheses refer to figure 1 directions.

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Pest*	Amount of DURSBAN 4E in Water to Make:			Specific Directions
	1 gallon	3 gallons	100 gallons†	
Beetles (Such as: California elm bark beetle, Elm leaf Beetle, Emerald ash borer, Native elm bark, Bark weevil)	1.5 fl. oz.	4 fl. oz.	1.5 gal.	1. For preventive treatment apply the spray to the main trunk of trees in the early spring or when threat of attack exists from nearby infested trees. For remedial treatment apply the spray to the main trunk of infested trees or logs when damage occurs but before adult beetles begin to emerge. For plantation trees apply to individual trees using suitable hand- or power-operated spray equipment. 2. To prevent native elm bark beetles from overwintering in uninfested trees, apply DURSBAN 4E in water to the bottom 9 feet of the 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. Application can be made with either a backpack mistblower or a hydraulic pressure sprayer from spring through to early fall. To reduce the twig and branch feeding on uninfested trees deemed to be of high value, apply a 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.
Beetles (Such as: Ambrosia, Anobiidae, Black turpentine, Heter, European elm bark, Japanese sawyer, Southern pine, Spruce, Carpenter ants, Termites)	2.5 fl. oz.	8 fl. oz.	1 gal.	1. For preventive treatment apply the spray to the main trunk of trees in the early spring or when threat of attack exists from nearby infested trees. For remedial treatment apply the spray to the main trunk of infested trees or logs when damage occurs or before adult beetles begin to emerge. For plantation trees apply to individual trees using suitable hand- or power-operated spray equipment.
Beetles (Such as: Northern pine, Pines, Pitch-eating, Twig)	1.5 fl. oz.	1 qt.	1 gal.	1. For Southern pine seedlings treat immediately after transplanting. 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 dilution per acre.

*Numbers in parentheses refer to Specific Directions

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Dormant Spray (Tree and Forest Pests)

Use DURSBAN 4E insecticide as a dormant or delayed dormant spray at the rates indicated to control the listed insects. Spray the entire tree to runoff using suitable ground spray equipment. Use the higher dosage of DURSBAN 4E insecticide for severe infestations. Use oil as recommended by your State Agricultural Experiment Station or Extension Service specialist.

Restrictions: Make only one application during the dormant season. Do not allow meat or dairy animals to graze in treated areas.

Pest	Amount of DURSBAN 4E in Water to Make:			Specific Directions
	1 gallon	3 gallons	100 gallons	
Aphids (Such as: Mealy plum, Rosy apple, Woolly apple) Borers (Such as: Peach twig) Cutworms (Such as: Climbing) Leafrollers (Such as: Pandemis) Pear psylla adults Plant buds Scale (Such as: San Jose)	1/2 to 1 qt	1/2 to 1 qt	1/2 to 1 pt	Tank mix with 1 to 2 gallons of a petroleum spray oil recommended for dormant use in 100 gallons of water.

Mosquitoes

Apply DURSBAN 4E insecticide to mosquito infested non-drop areas according to the conditions and rates shown in the following table. Mix DURSBAN 4E insecticide 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- or power ground sprayers, mist applicators, and aerial spray equipment.

WARNING: Read complete Environmental and Use Precaution sections and consult your State Fish and Game Department before using this product for mosquito control.

Pest	Condition of Area to be Treated	Amount to Use Per Acre		Number of Acres 1 Gallon of DURSBAN 4E Will Treat	Specific Directions
		DURSBAN 4E (Fluid Ounces)	Chlorpyrifos (Pounds)		
Mosquito adults	Light to medium vegetative cover	0.8	0.025	150	The higher dose will also give faster knockdown and longer residual control where there is little or no vegetative cover.
	Medium to heavy vegetative cover	1.6	0.05	80	

STORAGE AND DISPOSAL

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

Storage: Store in original container in secured dry storage area. Prevent cross-contamination with other pesticides and fertilizers. Do not store above 100°F for extended periods of time. Storage below 100°F may result in formation of crystals. If product crystallizes, store at 60-70°F and additate to dissolve crystals. Do not open damaged or leaking containers. The product may be used for the intended product and contained container as indicated below.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or mixtures is a violation of Federal law. If these wastes cannot be disposed of by the applicator through other means, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

Container Disposal: METAL: Use M Triple or equivalent. Then offer for recycling, reconditioning, or puncture and dispose of in a sanitary and approved manner, in accordance with procedures approved by state and local authorities.

Container Disposal: PLASTIC: Triple or equivalent. Then puncture and dispose of in a sanitary and approved manner, in accordance with procedures approved by state and local authorities, by turning it turned in to a farm truck.

Container Disposal: REUSABLE + PORTABLE CONTAINERS: Do not mix or put any other material into container. When returning reusable portable container, seal all openings and return to The Dow Chemical Company.

WARRANTY LIMITATIONS AND DISCLAIMER

The Dow Chemical Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in strict accordance with the directions therein under normal conditions of use. THIS IS THE ONLY WARRANTY MADE ON THIS PRODUCT. NO OTHER EXPRESS AND NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IS MADE OUTSIDE OF THIS LABEL. Therefore, 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 including conditions noted on the label, such as unfavorable temperatures, soil conditions, etc., under abnormal conditions (such as excessive rainfall, drought, tornadoes, hurricanes, etc.) or under conditions not reasonably foreseeable to or beyond the control of seller.

When buyer or user suffers losses or damages resulting from the use or handling of this product (including claims based on contract, negligence, strict liability or other legal theories), buyer or user must promptly notify in writing The Dow Chemical Company of any claims to be eligible to receive any remedy given below. The EXCLUSIVE REMEDY OF THE BUYER OR USER and the LIMIT OF LIABILITY of The Dow Chemical Company or any other seller will be one of the following, at the election of The Dow Chemical Company:

Refund of purchase price paid by buyer or user for product bought; or

Replacement of amount of product used.

Buyer will not be liable for consequential or incidental damages or losses.

No terms of this Warranty Limitations And Disclaimer cannot be varied by any written or verbal statements or agreements. Any employee or sales agent of the seller is not authorized to vary or exceed the terms of this Warranty Limitations And Disclaimer in any manner.

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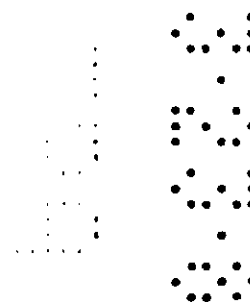
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THE DOW CHEMICAL COMPANY

Midland, Michigan 48674 U.S.A.

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REVISIONS INCLUDE

- 1) REVISED PRECAUTIONARY STATEMENTS
- 2) ADDITION OF "CONTAINS XYLENE RANGE AROMATIC SOLVENTS" IN INGREDIENT SECTION
- 3) CHANGE IN ACTIVE AND INERT INGREDIENT PERCENTAGES

SPECIMEN LABEL 86-1396 DATE CODE D1288

REPLACES 86-1396 DATE CODE G288

DISCARD PREVIOUS SPECIMEN LABELS