



AgrEvo™

ACCEPTED

company of Hoechst and Schering Berlin

PM 04

10370-64

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SEP 17 1998

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10370-64

Ford's

Dursban® 1-E

- CONTROLS NUMEROUS PESTS OF HOUSEHOLDS, TURF AND ORNAMENTAL PLANTS, AND FRUIT AND NUT TREES
- ALSO RECOMMENDED FOR AREA CONTROL OF TICKS AND CHIGGERS

ACTIVE INGREDIENT:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate]..... 12.6%
 *INERT INGREDIENTS 87.4%
 100.0%

Dursban is a registered trademark of Dow Elanco.

*Contains Aromatic Petroleum Distillate
 Contains 1 pound Chlorpyrifos per gallon.
 U. S. Patent no. 3,244,586

PRECAUCION AL USARIO: Si usted no lee ingles, 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).

EPA REG. NO. 10370-64 EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN

SPECIMEN LABEL

WARNING
STATEMENT OF PRACTICAL TREATMENT

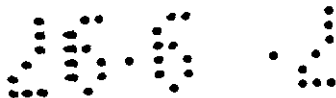
IF SWALLOWED: Do not induce vomiting. Contains aromatic petroleum solvent. Call a physician immediately.

IF ON SKIN: In case of contact, remove contaminated clothing and immediately wash skin with plenty of soap and water.

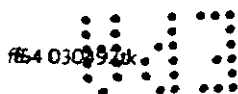
IF IN EYES: Flush eyes with plenty of water. Call a physician.

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

See Side Panel For Additional
Precautionary Statements



NET CONTENTS



PRECAUTIONARY STATEMENTS

Hazards To Humans & Domestic Animals

WARNING

CAUSES EYE IRRITATION - HARMFUL IF SWALLOWED. Do not take internally. Do not get in eyes, on skin or clothing. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid breathing vapors and spray mist. Avoid spraying food crops. Keep away from food, feedstuffs and domestic water supplies. Keep container closed. Handle concentrate in a ventilated area.

Environmental Hazards

This product is 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 runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by disposal of equipment washwaters. Apply this product only as specified on this label. 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.

Physical and Chemical Hazards

COMBUSTIBLE. Do not use or store near heat or open flame. Do not cut or weld machine.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Storage: Mix as needed. Do not store diluted material. Store in original container in a secure dry storage area. Container Disposal: Securely wrap container in several layers of newspaper and discard in trash.

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes, ornamental gardens or parks, or on golf courses or lawns and grounds.

PESTS OUT-OF-DOORS

GENERAL INFORMATION: Use Dursban 1-E for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants and for area control of Ticks And Chiggers. Consult the following directions for dosage and application details to control the pests listed.

PESTS ON OUTSIDE SURFACES OF BUILDINGS: Use Dursban 1-E at the rate of 5-1/3 fluid ounces per one gallon of water (0.5% chlorpyrifos emulsion) to Control Ants, Clover Mites, Cockroaches, Earwigs, Fleas, Flies, Millipedes, Mosquitoes, Sowbugs, Spiders And Ticks, by application as a residual spray or with a paintbrush to outside surfaces of buildings, including porches, screens, window frames, eaves, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact plants (lawns, flowering plants, shrubs, trees, evergreens, etc.) because of possible injury. Repeat treatment as needed to maintain effectiveness.

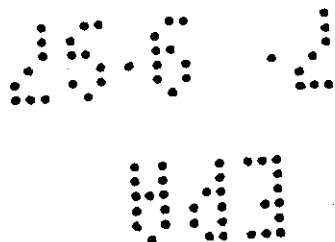
Dosage and Directions For Use On Turf		
Pests	Dosage per 1,000 sq. ft.	Remarks
ants, armyworms, brown dog ticks, chiggers, chinch bugs, clover mites, sod webworms,	3 fl. oz.	Spray when pests first appear, re-treat when needed. For delay watering or mowing the treated areas for 12 to 24 hours after treatment.
European Crane Fly	4 fl. oz.	
turfgrass (hyperodes) weevil	6 fl. oz.	Spray suspected problem areas in mid-April and again in May or as recommended by your local Agricultural Extension Service specialist for your area.
white grub (European chafer and Japanese beetle larvae only)	6 to 12 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.
bluegrass billbug	6 to 12 fl. oz.	Spray early in the season when adults first appear. Re-treat as needed.

Note: 1-1/2 fl. oz. per 1,000 sq. ft. = 7-1/2 fl. oz. per 5,000 sq. ft. = 1 pint per 10,700 sq. ft. = 2 quarts per acre.

Dosages And Dilutions For Use On Ornamental Plants			
Pests Controlled	Amount in water per 100 sq. ft.		
	3 Gallons	10 Gallons	20 Gallons
aphids, bagworms, eastern tent caterpillar, fall webworms, grasshoppers, mites, orange striped oak-worm, spittle bugs, whiteflies, yellownecked caterpillar.	1 fl. oz.	3.2 fl. oz.	2 pints*
cutworms, leafhoppers, mealybugs, mimosa webworms, rehdumped caterpillar, thrips (exposed).	2 fl. oz.	6.4 fl. oz.	1 quart**
ash borer, lilac borer, dogwood borer, scale crawlers: Oak lecanium, pine needle, tea, white perch.	4 fl. oz.	12.8 fl. oz.	4 quarts***
peach tree borer	11.6 fl. oz.	38.4 fl. oz.	12 quarts****

*Equivalent to 4 ounces of chlorpyrifos per 100 gallons.
 ** Equivalent to 8 ounces of chlorpyrifos per 100 gallons
 ***Equivalent to 1 pound of chlorpyrifos per 100 gallons.
 ****Equivalent to 2 pounds of chlorpyrifos per 100 gallons.

AgrEvo Environmental Health
 95 Chestnut Ridge Road
 Montvale, New Jersey 07645



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 building foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 1 pint of Dursban 1-E per 50 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 LAWN AND OTHER ORNAMENTAL AND RECREATIONAL TURF GRASS AREAS: Use Dursban 1-E to control pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute Dursban 1-E in enough water to obtain complete and uniform coverage of pest-infested areas and apply as a coarse, low-pressure spray using suitable application equipment. Thoroughly water immediately after treatment to wash the insecticide into the turf, except as noted. For best results, the lawn should be moist at time of treatment.

PESTS OF ORNAMENTALS: Use Dursban 1-E to treat flowers, shrubs, vines, shade and flowering trees, and evergreens found to be infested with the pests listed in the table. Dilute Dursban 1-E 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.

DOGWOOD BORER: Apply Dursban 1-E to the trunks and lower limbs of dogwood trees when the adults begin to emerge. Consult your State Agricultural Experimental Station or Extension Service specialist for proper time to treat in your area. Mix at the rate of one gallon in 100 gallons of water and apply uniformly on trees as a coarse, low pressure spray.

PEACH TREE BORER: Apply Dursban 1-E 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 Experimental Station or Extension Service specialist for proper time to treat in your area. Note: Mosquitoes coming to rest on areas treated for control of turf and ornamental plant pests will be killed for varying periods of time after treatment, depending on exposure of treated areas to weathering conditions.

ATTENTION (lawn and ornamental plant pests): Keep children and pets off treated areas until spray has dried. Keep out of lawn and garden fish pools and other bodies of water.

NATIVE ELM BARK BEETLE: Prevention of overwintering - to prevent the adult beetle from overwintering in uninfected trees and to reduce beetle populations in disease-free areas, apply Dursban 1-E as a 0.5% mixture of chlorpyrifos in water to the bottom 9 feet of the trunks. Wet the trunk thoroughly but do not spray to runoff. Care should be taken to apply the spray right at the base of the root flare. Applications can be made with either a back-pack mist blower or a hydraulic pressure sprayer from the 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 0.5% chlorpyrifos water spray to tree crown. Application should be made in the spring or early summer, using a sprayer that will give thorough coverage to the tree crown.

AREA CONTROL OF TICKS AND CHIGGERS: Use Dursban 1-E 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 1-E in water at the rate of 2 pints per acre (equivalent to 1 fl. oz. per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer, or other suitable hand or power spray equipment. Treat low underbrush, grassy areas, weeds, and ground surfaces and crevices 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.

TREATMENT OF FIRE ANT MOUNDS: Apply Dursban 1-E as a drench diluted at the rate of 2 fl. oz. (30 cc) per 2 gallons of water. Gently sprinkle a total of 1 gallon of the diluted solution over the surface of each mound using a sprinkler can. Thoroughly wet mound and surrounding area to 4 ft. diameter (12 sq. ft.) For best results, apply in cool weather, 65-80°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.

NOTICE: Buyer assumes all responsibility for safety and use not in accordance with directions.