

DOSAGE AND DILUTIONS FOR USE ON TURF

Area to be Treated	Amount of DURSBAN 2E	Dilute with Water to Give
500 sq. ft.	3 1/2 fl. oz.	15 gallons
1,000 sq. ft.	7 1/2 fl. oz.	30 gallons
2,000 sq. ft.	15 fl. oz.	60 gallons
4,000 sq. ft.	1 pint	120 gallons
One Acre	2 quarts	1,300 gallons

TO CONTROL TURFGRASS (HYPERODES) WEEVILS use twice the amount of DURSBAN 2E shown in the above TURF table, i.e. 1 gallon diluted in 1,300 gallons of water per acre. Spray suspected problem areas in mid-April and again in mid-May. Consult your local Agricultural Extension Service specialist for proper time to treat in your area.

NOTE: To help prevent infestation of buildings by ants, crickets, earwigs and sowbugs (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.

PESTS OF ORNAMENTALS: Use DURSBAN 2E to control aphids, bagworms, cutworms, grasshoppers, leafhoppers, mealybugs, mites, spittlebugs, thrips (exposed) and whiteflies on flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with these pests. Dilute DURSBAN 2E 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 over-spraying 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: Mosquitos 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.

DOSAGE AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

Pests Controlled	Amount of DURSBAN 2E in Water to Make		
	3 gallons	10 gallons	100 gallons
Aphids Bagworms Grasshoppers Mites Spittlebugs Whiteflies	6 fl. oz.	2 fl. oz.	1 pint
Earwigs Mealybugs Leafhoppers	1 pint	1/2 fl. oz.	1 quart

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. Fish may be killed if their waters are contaminated with this product. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated.

AREA CONTROL OF TICKS: Use DURSBAN 2E to control ticks infesting non-crop land 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 health problem. Apply DURSBAN 2E in water at the rate of 1 pint per acre (equivalent to 1 fl. oz. per 2,700 sq. ft.) using a hydraulic sprayer, mist applicator, knapsack sprayer or other suitable hand or power spray equipment. Treat low under-brush, grassy areas, weeds and ground surface and debris using enough spray volume to obtain thorough coverage, usually 40 to 100 gal. per acre.

WARNING (AREA CONTROL OF TICKS): Do not allow public use of treated areas during application or until spray has dried. Do not apply when weather conditions favor drift from treated areas. Do not apply where runoff into lakes, streams, ponds or other bodies of water is likely to occur. Fish and crustaceans may be killed if their waters are contaminated with this product.

MOSQUITOS: Apply DURSBAN 2E to mosquito infested non-crop areas according to the conditions and rates shown in the following table. Mix DURSBAN 2E with either water or oil, such as Kerosene or No. 2 fuel oil, using sufficient spray volume to give uniform coverage or area treated. Apply the spray using suitable application equipment such as hand and power ground sprayers, mist applicators, and aerial spray equipment. For Larval Control in non-crop areas, use only in intermittently flooded areas, standing waters, temporary rain pools and log ponds.

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 2E Will Treat
	Dursban 2E (fl. oz.)	Chlorpyrifos (pounds)	
Larval Control			
None to medium vegetative cover in Non-Crop Areas	0.5 to 1.5	0.0125 to 0.025	160 to 80
Medium to heavy vegetative cover in Non-Crop Areas	1.5 to 3.2*	0.025 to 0.05*	80 to 40
Adult Control			
Light to medium vegetative cover	1.5	0.025	80
Medium to heavy vegetative cover	3.2*	0.05*	40

* The higher dosage will also give the faster knock down and longer residual control where there is a lot of low vegetative cover.

A PRENTISS PEST-TESTED PRODUCT



DURSBAN 2E INSECTICIDE

CONTROLS PESTS OF HOUSEHOLD (cockroaches, ants, brown dog ticks, silverfish, spiders), **TURF** (chinch bugs, sod webworms, ants, brown dog ticks, cutworms, earwigs, crickets, grasshoppers, hyperodes weevil) **AND ORNAMENTAL PLANTS** (aphids, bagworms, grasshoppers, leafhoppers, spittlebugs, mealybugs, Whiteflies, exposed thrips, mites, cutworms). **ALSO RECOMMENDED FOR MOSQUITO CONTROL AND AREA CONTROL OF TICKS.**

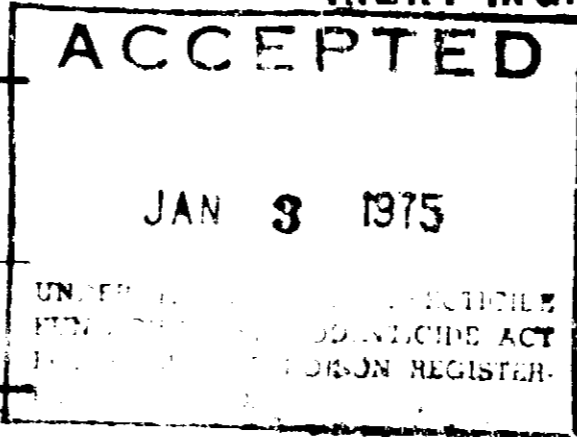
To be applied only by or under the supervision of Pest Control Operators, Public Health Organizations, Mosquito Abatement Districts and other Trained Personnel responsible for Insect Control Programs.

ACTIVE INGREDIENTS:

- Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphorothioate) 22.4%
- Aromatic petroleum derivative solvent 46.2%

INERT INGREDIENTS 31.4%

TOTAL: 100.0%



WARNING
KEEP OUT OF REACH OF CHILDREN

CONTAINS 2 POUNDS OF CHLORPYRIFOS PER GALLON

*DURSBAN is a trademark of The Dow Chemical Co.

NET CONTENTS: _____

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PEST-TESTED PRODUCT



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E. P. A. Reg. No. 655-466
E. P. A. Est. No. 655-NJ 1

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Patent No. 3,244,586

GENERAL USE PRECAUTIONS:

This product is highly toxic to bees exposed to direct treatment or residue on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service. DURSBAN 2E also is toxic to fish, wildlife and birds.

Do not contaminate water by cleaning of equipment or disposal of wastes. Promptly crush empty containers and bury them and wastes in locations away from domestic water supplies.

USE THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL

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.
DO NOT REUSE EMPTY DRUM. RETURN TO DRUM RECONDITIONER OR DESTROY BY PERFORATING OR CRUSHING AND BURYING IN A SAFE PLACE AWAY FROM WATER SUPPLIES.

ENVIRONMENTAL CAUTIONS:

**This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams or ponds. 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. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Apply this product only as specified on this label.

USE DIRECTIONS:

PESTS INDOORS: General Information: Use DURSBAN 2E insecticide as a spot treatment to control cockroaches, ants, crickets, termites, rats, silverfish, spiders and brown dog ticks in and around residential, institutional and commercial buildings including homes, apartment buildings, hospitals, stores and warehouses. Dilute DURSBAN 2E 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.

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

SPRAY DILUTION CHART

Gallons of Spray Mixture Desired	Fluid Ounces* of DURSBAN 2E to Use	
	0.25% Spray	0.50% Spray
5	6-2 3	13-1 3
10	13-1 3	26-2 3

SPRAY DILUTION CHART (Continued)

Oil-base Spray**		
1	1	2
3	3	6
5	5	10
10	10	21

* Note: 1 fluid ounce = 2 tablespoonfuls
6 teaspoonfuls

** Calculated on basis of deodorized kerosene

FOOD AREAS — APPLICATION LIMITED TO CRACK AND CREVICE TREATMENT ONLY:

Includes areas for receiving, storage, packing (canning, bottling, wrapping, boxing), preparing, edible waste storage and enclosed areas (when food is exposed and facility is in operation) also would be considered a food area. Using a 0.25% spray for light infestation, 0.5% for heavy infestation, apply in small amounts directly into cracks and crevices using equipment capable of delivering a pin stream of insecticide in points between different elements of construction between equipment and floors, openings leading to voids and hollow spaces in walls, equipment legs and bases. When diluting with oil the product may be used in conduits, motor housings, junction or switch boxes where cockroaches, ants, crickets, firebrats, silverfish and spiders hide. Prior to application deenergize electrical equipment. After application, allow time for oil to evaporate before starting motors or placing switches in the "ON" position.

CAUTION

Shock Hazard — If product is diluted with water — DO NOT use in conduits, motor housings and electrical switch boxes. Care should be taken to avoid depositing the product onto exposed surfaces or introducing the material into the air. Avoid contamination of food or food processing surfaces.

APPLICATION OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT ARE NOT PERMITTED.

NON-FOOD AREAS: Includes garbage room, s. lavatories, floor drains, restrooms, entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling). Use a 0.25% spray to control light infestation and 0.5% spray to quickly reduce heavy infestation. Apply as a coarse spray or with a paintbrush to baseboard areas, around water pipes, surfaces behind and beneath sinks, lockers, tables, pallets and similar areas where insects hide or through which they may enter. NOTE: A period of 4 to 7 days is normally required for maximum effect on cockroaches.
BROWN DOG TICKS: Thoroughly apply at 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.

WARNING

(PESTS INDOORS) For Spot Application Only. Do not use in poultry houses, other animal buildings. 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 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 2E for control of ticks and for mosquito control. Consult the following directions for dosage and application details to control the pests listed.

PESTS OF LAWNS AND OTHER ORNAMENTAL AND RECREATIONAL TURF GRASS AREAS. Use DURSBAN 2E insecticide to control ants, brown dog ticks, chinch bugs, crickets, cutworms, earwigs, grasshoppers, and sod webworms (lawn moths). Mix DURSBAN 2E with water

