

VERTAGREEN

DURSBAN-DDVP 2.50 TURF INSECTICIDE

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUN 28 1984

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

For Control of Chinch Bugs, Sod Webworms
and Numerous Other Pests on Turf and
Ornamental Plants. For Area Control of
Brown Dog Ticks and Chiggers

Only For Sale To, Use And Storage
By Lawn Care And Landscaping Personnel
And Pest Control Operators

ACTIVE INGREDIENTS:

Chlorpyrifos [0,0-diethyl 0-(3,5,6-trichloro 2-pyridyl) phosphorothioate]	24.00%
2,2-Dichlorovinyl dimethyl phosphate	6.04%
Related Compounds	0.46%

INERT INGREDIENTS:	69.50%
Total	100.00%

Contains 2 lb. Chlorpyrifos & .5 lb. Dichlorvos (DDVP) per Gallon
E.P.A. Reg. No. 3442-821

KEEP OUT OF REACH OF CHILDREN

DANGER — POISON

See Side Panel For Additional Precautionary Statements

STATEMENTS OF PRACTICAL TREATMENTS

If Swallowed — Call a physician or Poison Control Center immediately. If possible vomiting should be induced under medical supervision. Have victim drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

If Inhaled — Remove victim to fresh air. Apply artificial respiration if indicated.

If On Skin — Remove contaminated clothing and wash affected areas with soap and water.

If In Eyes — Flush eyes with plenty of water. Call a physician immediately.

NOTE TO PHYSICIAN: Chlorpyrifos and DDVP are cholinesterase inhibitors. Treat symptomatically. Atropine only by injection is an Antidote.

NET CONTENTS: 1 GALLON

Not Reviewed. Registrant claims to be in accordance with
Reregistration of Pesticide Products Guidance for Phase 2
Response, Page 2.12, Active to Inert Change in Status.

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DIRECTIONS FOR USE

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

PESTS OUT-OF-DOORS

General Information — Use this product for control of certain pests on outside surfaces of buildings and on lawns and ornamental plants, and for area control of Chiggers. Consult the following directions for dosage and application details to control the pests listed.

PESTS ON OUTSIDE SURFACES OF BUILDINGS: Use this product at the rate of 2½ ounces per gallon of water to control Ants, Clover Mites, Cockroaches, Crickets, Earwigs, Fleas, Flies, Millipedes, Mosquitoes, Sowbugs, Spiders, and Brown Dog Ticks by application as a residual spray 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.

NOTE — To help prevent infestations of buildings by Ants, Crickets, Earwigs, Millipedes, and Sowbugs (Pillbugs) treat a band of soil 6 to 10 feet wide around and adjacent to buildings, also buildings foundation to a height of 2 to 3 feet, where pests are active and may find entrance. Use 16 ounces (1 pint) in 100 gallons of water and apply as a course spray at the rate of about 10 gallons spray mixture per 1,000 sq. ft. to thoroughly and uniformly wet the band area.

PESTS OF LAWNS, OTHER ORNAMENTAL AND RECREATIONAL TURF AREAS AND PERENNIAL TURF GRASSES GROWN FOR SEED: Use this product to control pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute in enough water to obtain complete and uniform coverage of pest infested areas and apply as a coarse, low pressure spray using suitable spray equipment. Thoroughly water after treatment to wash the insecticide into the turf, except as noted. For best results, the lawn should be moist at time of treatment.

DOSAGES AND DIRECTIONS FOR USE ON TURF

PEST	DOSAGE PER 1,000 SQ. FT.	REMARKS
Ants, Armyworms, Chiggers, Chinch Bugs, Clover Mites, Crickets, Cutworms, Earwigs, Fleas, Grasshoppers, Brown Dog Ticks, Sod Webworms.	*1.5 Fl. Ounces Dilute in 30 gallons of water/1,000 sq. ft.	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	3 Fl. Ounces	Spray suspected problem areas in Mid-April and in Mid-May or as recommended by Local Agricultural Extension Service Specialist.
White Grubs of European Chaffer and Japanese Beetle only	3 to 6 Ounces	Spray when Grubs are actively feeding near the soil surface in late July and August or as recommended by Extension Specialist Water treated area after treatment with ½ to 1 inch of water to wash insecticide into soil
Bluegrass Billbug	3 to 6 Ounces	Spray early in the season when adults first appear. Retreat when needed.

*1.5 Fluid Ounces/1,000 sq. ft. = ½ gallon per acre.

AREA CONTROL OF BROWN DOG TICKS AND CHIGGERS — Use for noncrop 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 1 pint per acre in sufficient water to mist all areas including low underbrush, grassy areas, weeds, and ground surface and debris using enough spray volume to obtain thorough coverage usually 40 to 100 gallons of water per acre.

ATTENTION — Do not allow public use of treated areas during application or until spray has dried.

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DIRECTIONS FOR USE (Cont.)

PESTS OF ORNAMENTALS: Use this product to treat flowers, shrubs, vines, shade and flowering trees, and evergreens found to be infested with the pests listed in the following table. Dilute with water according to directions given in the table and apply using suitable hand or power spray equipment in a manner to provide complete 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. Treat when pests appear and repeat at 7 to 10 day intervals, if needed. **CAUTION:** Do not use on azaleas, camellias, poinsettias, rose bushes, or variegated ivy because of possible injury to foliage.

DOSAGES AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

PESTS	AMOUNT OF CONCENTRATE TO USE IN WATER TO MAKE		
	3 Gals.	10 Gals.	100 Gals.
Aphids, Meas. Bagworms, Orangestriped Oakworm, Eastern Tent Caterpillar, Spottedbug, Fall Webworm, Whiteflies, Grasshoppers, Yellownecked Caterpillar	5 fl. oz.	16 fl. oz.	1 pint
Caterpillars, Leafhoppers, Mosquitoes, Mistle Webworm, Red-striped Caterpillar, Thrips (Exposed stages)	1.0 fl. oz.	3.2 fl. oz.	1 quart
Ash Borer, Lilac Borer, Dogwood Borer, Scale Crawlers, Oak Lecanium, Pine Needle, Tree, and White Peach Scale	2.0 fl. oz.	6.4 fl. oz.	2 quarts
Peach Tree Borer	5.8 fl. oz.	19.2 fl. oz.	1.5 gallons

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

DOGWOOD BORER — Mix ½ gallon in 100 gallons water (1 quart in 50 gals.) and spray trunks and lower limbs of trees when adults begin to emerge. Consult your local Agricultural Extension Service for the proper timing.

PEACH TREE BORER — Dilute 5 ¼ fl. oz. in 3 gallons of water. Apply to flowering trees and shrubs of the Genus Prunus. Thoroughly spray the trunk at ground level up to the first limbs. Apply as coarse wet spray 3 times May 1st; June 1st; and July 1st. Do not treat the fruit or upper portions of the tree. This treatment is for ornamentals only.

*Do not use on ornamentals with edible fruit.

PRECAUTIONARY STATEMENTS

Hazards To Humans and Domestic Animals

DANGER: Poisonous if swallowed, inhaled, or absorbed through the skin. May be injurious to eyes. Keep children and pets off treated areas until spray has dried. Do not take internally. Do not get in eyes or on skin. Do not smoke while using. Wash thoroughly after handling and before smoking or eating. Wash contaminated clothing before re-use. Flush contaminated eyes with plenty of water and get medical treatment. Avoid breathing spray mist or vapors. Do not spray vegetable gardens or other plants used for food purposes.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and wildlife. Do not apply directly to any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Do not apply when weather conditions favor drift from areas treated. Apply this product only as specified on this label.

This pesticide is highly toxic to bees exposed to direct treatment or residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bees activity.

PHYSICAL AND CHEMICAL HAZARDS

Do not use, pour, spill or store near heat or open flame.

STORAGE & DISPOSAL

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

Pesticide Disposal — Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

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

NOTICE: Buyer assumes all risk and liability of use, storage and/or handling of this material not in accordance with the terms of this label.

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finger. Do not

by injection