

DIRECTIONS FOR USE (Cont'd)

PEST	DOSAGES AND DIRECTION FOR USE ON TURF		REMARKS
	Dosage Residual Conc. DV-ONE per 1000 sq. ft.		
White grubs, European choler and Japanese beetle only (larvae)	6 to 12 fl. ozs.		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 to 1 1/2 inch of water to wash the insecticide into the underlying soil.

* 1 fl. oz per 1000 sq. ft. 7 fl. oz per 5000 sq. ft. - 2 qt. per acre

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, 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 Residual Concentrate DV-ONE to control aphids, bagworms, cutworms, grasshoppers, leafhoppers, mealybugs, moths, springtails, thrips, root-knots, and whiteflies on flowers, shrubs, vines, shade, and flowering trees and evergreens found to be infested with these pests. Dilute DV-ONE 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 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.

DOSAGE AND DILUTIONS FOR USE ON ORNAMENTAL PLANTS

PESTS CONTROLLED	AMOUNTS OF RESIDUAL CONCENTRATE DV-ONE IN WATER TO MAKE		
	3 gallons	10 gals	100 gals
aphid, bagworms, Eastern tent caterpillars, fall webworms, grasshoppers, mole crickets, root-knots, whiteflies, springtails, whiteflies, yellow-necked caterpillars	1 fl. ozs.	3 1/2 fl. ozs.	2 pint
cutworms, leafhoppers, mealybugs, millipedes, sowbugs, thrips, root-knots, whiteflies	2 fl. ozs.	6 1/2 fl. ozs.	2 quart
ants, crickets, earwigs, scale, crickets, oak leafhopper, European spruce sawfly	4 fl. ozs.	12 1/2 fl. ozs.	1 gal

Equivalent: 4 ounces of chlorpyrifos per 100 gallons
Equivalent: 6 ounces of chlorpyrifos per 100 gallons
Equivalent: 1 quart of chlorpyrifos per 100 gallons

DIRECTIONS FOR USE (Cont'd)

PESTS OF LAWNS AND OTHER ORNAMENTAL AND RECREATIONAL TURF GRASS AREAS: Use DV-ONE to control the pests listed in the following table by application at the recommended dosages and in accordance with the directions given below. Dilute DV-ONE 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.

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 when weather conditions favor drift from areas treated.

NATIVE ELM BARK BEETLE: Prevention of Overwintering. To prevent the adult beetle from overwintering in uninfested trees and to reduce beetle population in disease free areas, apply DV-ONE insecticide as a 0.5% mixture of chlorpyrifos in water to the bottom 6 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 mist blower or a hydraulic pressure sprayer from spring through to early fall. **Prevention of Branch and Twig Feeding on High Value Elm Trees:** To reduce the twig and branch feeding on uninfested trees deemed to be high value, apply a 0.5% chlorpyrifos 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.

AREA CONTROL OF TICKS AND CHIGGERS: Use DV-ONE to control ticks and chiggers 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 DV-ONE in water at the rate of 1 pint per acre (equivalent to 2 fl. ozs. per 2700 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.

DANGER (AREA CONTROL OF TICKS AND CHIGGERS): 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.

PEST CONTROL IN MEAT PACKING AND FOOD PROCESSING PLANTS, FOOD STORAGE AREAS, RESTAURANTS, AND OTHER FOOD HANDLING ESTABLISHMENTS (PLACES OTHER THAN PRIVATE RESIDENCES IN WHICH EXPOSED FOOD IS HELD, PROCESSED, PREPARED OR SERVED)

For residual control of ants, cockroaches, millipedes, silverfish, spiders, waterbugs, and in aid in control of saw-toothed grain beetle (exposed stages), mix 2-3 ounces of concentrate in 1 gallon of water or for heavy infestation mix 5-13 ounces of concentrate in 1 gallon of water. If no solution is used, dilute 1 ounce of concentrate in 1 gallon of base oil or for heavy infestation 2 ounces in 1 gallon of base oil.

Non-Food Areas: Includes garbage rooms, elevators, floor drains (to sewers), entries and vestibules, offices, locker rooms, machine rooms, boiler rooms, garages, mop closets and storage (after canning or bottling). Apply 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.

Food Areas - LIMITED TO CRACK AND CREVICE TREATMENT ONLY
Apply a small amount of material as a pin thin stream directly into cracks and crevices such as expanses or joints between different elements of construction or between equipment bases and the floor, wall voids, or hollow equipment legs where the insects hide above. Do not use this product 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.


APPLICATIONS OF THIS PRODUCT IN THE FOOD AREAS OF FOOD HANDLING ESTABLISHMENTS, OTHER THAN AS A CRACK AND CREVICE TREATMENT, ARE NOT PERMITTED. Spraying Underloading Decks and Outside Areas where insects congregate will aid in preventing re-infestations. Good sanitation and proper disposal of wastes is essential in any effective insect control program.

prentox RESIDUAL CONCENTRATE DV-ONE

Contains Dursban® & DDV
ONLY FOR SALE TO, USE AND STOCK BY
PEST CONTROL OPERATORS

ACTIVE INGREDIENTS:
Chlorpyrifos (0,0-diethyl 0-(3,5,6-trichloro-2-pyridyl) phosphoro 2,2-dichlorovinyl dimethyl phosphate
Related Compounds
Xylene Range Aromatic Solvent
Xylene

INERT INGREDIENTS:



**KEEP OUT OF REACH OF CHILDREN
POISON
DANGER**

STATEMENT OF PRACTICAL TREATMENT

If swallowed: - Call a physician or Poison Control Center immediately. If possible, get medical supervision. Drink one or two glasses of water and induce vomiting by touching the back of the tongue with a spoon. Repeat until vomit fluid is clear. Do not induce vomiting in unconscious person.

If inhaled: - Remove victim to fresh air. Apply artificial respiration if symptoms persist. Call a physician immediately.

If on skin: - Remove contaminated clothing. Wash affected areas with soap and water. Call a physician immediately.

If in eyes: - Wash immediately with running water for at least 10 minutes. Call a physician immediately.

NOTE TO PHYSICIAN: Active ingredients contain cholinesterase inhibitor. Atropine antidotal and may be administered in conjunction with Atropine.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

*Dursban® - Trademark of the Dow Chemical Co. U.S. Patent No. 3,244,586

Manufactured by



prentiss

Drug & Chemical Co., Inc.

Plant:

Office:

prentox®

RESIDUAL

ENTRATE DV-ONE

Contains Dursban® & DDVP

FOR SALE TO, USE AND STORAGE BY
BEST CONTROL OPERATORS

10-(3,5,6-trichloro-2-pyridyl) phosphorothioate]	13.00%
diethyl phosphite	4.82%
	0.37%
Solvent	7.29%
	88.68%
	5.84%
TOTAL:	100.00%

OUT OF REACH OF CHILDREN
POISON
DANGER



STATEMENT OF PRACTICAL TREATMENT

Call Poison Control Center immediately. If possible, vomiting should be induced under medical supervision with glasses of water and induce vomiting by touching back of the throat with finger or until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. Apply artificial respiration if symptoms indicate. (see side panel) Call a physician immediately. Wash affected areas with soap and water. Call a physician if symptoms of poisoning persist. Rinse with running water for at least 10 minutes. Call a physician immediately. Ingredients contain cholinesterase inhibitor. Atropine is antidote. 2-PAM is also an antidote. Use in conjunction with Atropine.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

Dow Chemical Co. U.S. Patent No. 3,244,586

Manufactured by
Entiss
Dow Chemical Co., Inc.

Plant: Kaolin Road
Sandersville, GA. 31082
Office: 363 7th Avenue
New York, N.Y. 10001

ACCEPTED
with COMMENTS
in EPA Letter Dated:

DEC 6 1982

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
and the Federal Food, Drug, and
Cosmetics Act for the pesticide
registered under EPA Reg. No. 655-111.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER: Poisonous if swallowed, inhaled or absorbed through skin or eyes. Do not get in eyes or on skin or clothing. Do not breathe fumes. Rapidly absorbed through skin. Wash hands, arms and face thoroughly with soap and water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse. Wear natural rubber gloves, protective clothing and goggles or face shield. Keep all unprotected persons out of operational area. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly U.S. Bureau of Mines) and by the National Institute for Occupational Safety & Health, under the provisions of 30CFR Part 11, for DDVP protection. Do not allow children or pets to contact treated areas until spray has dried.

NOTE TO PHYSICIAN —
DANGER SYMPTOMS: Symptoms include weakness, headache, tightness in chest, blurred vision, non-reactive pin-point pupils, salivation, sweating, nausea, vomiting, diarrhea and abdominal cramps.

ENVIRONMENTAL HAZARDS: This product is toxic to fish, birds, and other wildlife. Birds and other wildlife feeding in treated areas may be killed. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting vegetation or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

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

NOTE TO APPLICATOR: This product may stain carpeting. Do not allow spray mist, drift or runoff to contact carpeting as staining may occur.

STORAGE AND DISPOSAL:
Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
PESTICIDE DISPOSAL: Pesticide spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal or approved state procedures under Subtitle C of the Resource Conservation and Recovery Act.
CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other approved state and local procedures.

E.P.A. EST. NO. 655-GA-1 E.P.A. REG. NO. 655-441
LOT # _____
NET CONTENTS _____ GAL. 16/82

DIRECTIONS FOR USE: (Cont'd.)

Gallons of Spray Mixture Desired	Fluid Ounces to Use for spray containing*	
	0.50% Chlorpyrifos	0.25% Chlorpyrifos
FOR WATER BASE		
1	2-2/3 oz	5-1/3 oz
3	8 oz	16 oz
5	13-1/3 oz	26-2/3 oz
10	26-2/3 oz	53-1/3 oz
FOR OIL BASE**		
1	2 oz	4 oz
3	6 oz	12 oz
5	10 oz	20 oz
10	20 oz	40 oz

* NOTE: 1 fluid ounce equals 2 tablespoonfuls equals 6 teaspoonfuls.
** Calculated on basis of Deodorized Kerosene.

GENERAL: Apply as a dilute spray. Mix as per Dilution Chart. Use a 0.50% Chlorpyrifos solution for heavy infestations. Use a 0.25% Chlorpyrifos spray for light infestations.

Application within residential buildings including homes and apartment buildings and in non-food areas of industrial, institutional and commercial buildings including non-food areas of 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, ants, crickets, fleas, 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 control of Brown Dog Ticks, thoroughly apply a Concentrate 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.

Fleas and Mosquitoes: Use only out-of-doors as an aid in reducing annoyance from these insects. Thoroughly apply a Concentrate Spray to outsides of surfaces of window and door frames as well as other areas where these pests may find entrance into structures. Also spray dark corners and localized resting areas (such as under eaves) where fleas and mosquitoes may congregate. Repeat treatment when effectiveness diminishes.

PEST	DOSAGES AND DIRECTION FOR USE ON TURF		REMARKS
	Dosage Residual Conc. DV-ONE per 1000 sq. ft.		
Ants, armyworms, brown dog ticks, chiggers, chinch bugs, clover mites, crickets, cutworms, earwigs, fleas, grasshoppers, sod webworms	3 fl. ozs.		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 weevils (Hyperodes)	6 fl. ozs.		Spray suspected problem areas in mid-April and again in mid-May or as recommended by your Agricultural Extension Service specialist for your area.

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DRP
11/17/82

DEC 6 1982

Mr. Nick Sanchez
Prentiss Drug & Chemical Company, Inc.
363 7th Avenue
New York, NY 10001

Dear Mr. Sanchez:

Subject: Amendment - Add Sites and Pests
Prentox Residual Concentrate DV-One
EPA Registration No. 655-441
Your Application Dated October 20, 1982

The amendment referred to above, submitted in connection with registration under Section 3(c)(7)(A) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy of the label is enclosed for your records.

Please note that the table entitled "Dilution Rates for Use" and the instruction under the subheading "General" still only refer to percentages of chlorpyrifos. As noted in our letter of October 31, 1979, these sections should be modified to reflect the fact that this product contains both DDVP and chlorpyrifos.

Sincerely yours,

George T. LaRocca
Product Manager (15)
Insecticide-Rodenticide Branch
Registration Division (TS-767)

Enclosures

TS-767;LaRocca:DCR-39822;WANG-1172C:ert:Raven:479-2013:11/16/82