

ACCEPTED
 FEB 25 1973
 655-730
 EPA REG. NO. 655-730

prentox[®] GREENHOUSE SPRAY

FOR USE ON CARNATIONS, ROSES &
 CHRYSANTHEMUMS
 ONLY FOR SALE TO, USE AND STORAGE BY
 SERVICE PERSONS

ACTIVE INGREDIENTS:

2,2-Dichlorovinyl Dimethyl Phosphate	9.3%
Related Compounds	0.7%
Xylene Range Aromatic Solvent	70.0%
Methylene Chloride	20.0%
Total	100.0%

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. Do not breathe fumes. Rapidly absorbed through skin, wear natural rubber gloves, waterproof protective clothing and goggles when handling. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

Environmental Hazards

This product is toxic to fish, birds and other wildlife. Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

KEEP OUT OF REACH OF CHILDREN

**DANGER
 POISON**

STATEMENT OF PRACTICAL TREATMENT

If swallowed—Call a physician immediately. Gastric lavage is indicated if material was taken internally. **DO NOT INDUCE** vomiting unless other treatment is not available. Vomiting may cause aspiration pneumonia. If it is necessary to induce vomiting, give victim one or two glasses of water and insert finger in back of throat. Repeat until fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious patient.

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

If on skin—Wash immediately with soap and water.

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

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

TREATMENT: Atropine is the specific therapeutic antagonist of choice against parasympathetic nervous stimulation. If there are signs of parasympathetic stimulation, Atropine Sulfate should be injected at 15 minute intervals in doses of 1 to 2 mg. Incomplete Atropinization has occurred. 2-PAM is also antidotal and may be administered in conjunction with Atropine. Morphine is contra-indicated. Clear chest by postural drainage.

Repeated exposure to cholinesterase inhibitors may, without warning, cause prolonged susceptibility to very small doses of any cholinesterase inhibitor.

Allow no further exposure until cholinesterase regeneration has been allowed, as determined by blood test.

DIRECTIONS FOR USE

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

STORAGE AND DISPOSAL

PESTICIDE DISPOSAL—Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

STORAGE—Keep out of reach of children, pets and other animals. Avoid contamination of food and foodstuffs. Open dumping is prohibited.

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.

NET CONTENTS _____ LOT # _____

DIRECTIONS (Continued)

RECOMMENDATIONS: When applied as an aerosol with the Klip-On Fogger, GREENHOUSE SPRAY is recommended for the control of Red Spiders (Spider Mites), Aphids, Whiteflies, Thrips, Mealybugs and Chrysanthemum Leaf Miners on Carnations, Roses and Chrysanthemums.

PREPARATION OF THE GREENHOUSE PRIOR TO FOGGING: 1) Close all doors, windows and ventilators. 2) Lock or barricade all entrances post warning signs, take precautions to prevent persons and animals from entering the area. 3) Turn off all misting systems. Be certain all blossoms and foliage are dry. 4) Room temperature should read from 70° to 85° F for best insect kill.

APPLICATION: DOSAGE: 1) Calculate in cubic feet the greenhouse space to be treated. For most greenhouse ornamentals, 1 ounce of GREENHOUSE SPRAY will treat 3,000 cubic feet of space. 2) Pour into the Klip-On Fogger insecticide tank the required number of ounces.

APPLICATION: METHOD FOR KLIP-ON FOGGER: Start the Klip-On Fogger and walk backward down the entire length of the center aisle of the greenhouse directing the fog over the plants and swaying the unit back and forth. Keep the Fogger nozzle above the plants. Ventilators should be kept closed for at least two hours after application for best results from application of the product.

Greenhouses should be ventilated at least one hour before re-entering.

FOR KLIP-ON CHAMP FOGGER: 4 gallons per hour main office alone will dispense one gallon in 15 minutes and cover 400,000 cubic feet. It will cover 30,000 cubic feet in about a minute using about 1/4 ounces of spray.

1 gallon per hour meter with large hole will dispense one gallon in 60 minutes to cover 400,000 cubic feet. The opening will cover 30,000 cubic feet in about 4 minutes for the required 10 ounces of GREENHOUSE SPRAY.

1/2 gallon per hour meter with medium hole will take twice as long as the meter with large hole and is not recommended for very small area spot fumigation.

MAIN OFFICE ALONE: 4 gallons per hour will give best results in most cases for greenhouse fumigation. GREENHOUSE SPRAY should not be sprayed directly on the plants or flowers. When plants and flowers are said height that it is difficult to dispense the material, above them direct the spray below the beds so the fuming action of the spray will obtain desired results.

May be phytotoxic to certain rose and chrysanthemum varieties as follows: Shasta, Thelma, Almega, Forta, Golden Chain, Columbia, Himi, Starlet, Calvert's, Go, Vanguard, Silver Strand, Himi Cascade, Himi Glass, Verdosa, Valencia, and Yellow Kingpin. Also Kangaroo 2000, Himi, and many other varieties.



Manufactured by EPA REG NO 655-730

E.P.A. EST. NO. 655-GA-1

prentiss
 Drug & Chemical Co., Inc.

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

SECURITY LOGO
50% THIODAN^(R) WETTABLE

APPROVED
by U.S. DEPARTMENT OF AGRICULTURE

769-275

ACTIVE INGREDIENT:	
*Endosulfan -----	50.0%
INERT INGREDIENTS: -----	50.0%
	TOTAL 100.0%

EPA Reg. No. 769-275

EPA Est. 769-GA-1

*Hexachlorohexahydromethane-2,4,3-benzodioxathiepin oxide
Thiodan (R) is a registered trademark of Canadian Hoechst, Ltd.,

KEEP OUT OF REACH OF CHILDREN
WARNING

STATEMENT OF PRACTICAL TREATMENT

If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. Get medical attention.

In case of contact: If on skin, wash immediately with soap and water; if in eyes, flush with plenty of water for at least 15 minutes. Get medical attention.

HAZARD TO HUMANS & DOMESTIC ANIMALS

WARNING: May be fatal if swallowed, inhaled or absorbed through the skin. Do not breathe dust or spray mist. Do not get in eyes, on skin or on clothing. Wash thoroughly with soap and water after handling and before eating or smoking. Wear protective clothing, synthetic rubber gloves and a mask or pesticide respirator jointly approved by the Mining Enforcement and Safety Administration and by the National Institute for Occupational Safety and Health. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARD

This pesticide is toxic to wildlife and fish. Use with care when applying in areas frequented by wildlife or adjacent to any body of water. Keep out of lakes, streams, or ponds. Do not apply when weather conditions favor drift from target areas.

BENEFICIAL INSECT CAUTION: This pesticide is toxic to bees exposed to direct application. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply or allow to drift to areas occupied by unprotected humans or domestic animals.

MODE OF APPLICATION: This product may be applied using conventional hydraulic-type sprayers which wet foliage to the dripping point or with low volume (concentrate) ground sprayers or with aerial equipment.

DILUTION RATES: Rates stated in pounds per 100 gallons are for sprays which wet foliage to the dripping point. When using low volume sprayers or aerial application, increase the concentration so that an equivalent amount of product is applied per acre.

FRUIT, NUTS AND FIELD CROPS

PEACHES: Peach Tree Borer and Lesser Peach Tree Borer - Use $1\frac{1}{2}$ pounds per 100 gallons of water and apply thoroughly to all bark areas from ground to scaffold limbs. Apply as directed by State Agricultural Extension Service. Usually two applications are required, one immediately after harvest and a second 3 to 4 weeks later. Catfacing Insects (Stink Bug type) - Apply 1 pound per 100 gallons of water. On mature trees use $1\frac{1}{2}$ to 5 pounds per acre based on a dilute spray being 150 to 500 gallons of water per acre. The amount of water required for a dilute spray depends on tree size. Apply at petal-fall and at shuck-off. If early catfacing injury has been a problem, apply an earlier spray, prior to fruiting, at the pink bud stage. Do not apply more than 2 applications of 50% Thiodan Wettable to peaches during the fruiting season. Do not apply within 30 days of harvest. Do not allow animals to graze treated areas.

PECANS: Pecan Nut Casebearer and Black Pecan Aphid - Apply at $1\frac{1}{2}$ pounds per 100 gallons of water. For Nut Casebearer, apply when eggs of first generation appear on tips of young nuts which is usually about the time the tips of the small nuts have turned brown. A second application may be necessary after second generation eggs are deposited. Do not apply after shucks split. Do not allow animals to graze treated areas.

TOBACCO: Budworm, Hornworm, Green Peach Aphid, Flea Beetle, Green Stink Bug, and Cabbage Looper - Apply at the rate of 1 to 2 pounds per acre. Use sufficient water for good coverage. For plant bed treatment, use 1 pound to 100 gallons of water and apply at the rate of 6 gallons per 100 square yards. To control Green June Bug larvae in plant beds, use $\frac{1}{2}$ pound per 100 gallons of water and apply as a drench at first sign of larvae activity, using 1 gallon per square yard of plant bed. Begin applications when insect infestation becomes damaging and repeat in 10 to 14 days or as necessary for control. Do not apply within 5 days of harvest.

VEGETABLES

BROCCOLI, CABBAGE: Cabbage Looper, Imported Cabbageworm, Diamond-Back Moth Larvae and Cross-Striped Cabbageworm - Use $1\frac{1}{2}$ to 2 pounds per acre. Flea beetle, Harlequin Bug and Stink Bug - Use $1\frac{1}{2}$ pounds per acre. Do not apply within 7 days of harvest.

CUCUMBERS, MELONS, PUMPKINS, SQUASH: Aphids, Cucumber Beetles, Striped Cabbage Flea Beetle, and Squash Vine Borer - Use 1 to 2 pounds per acre. For vine borer, apply weekly to flower buds, stems and vines beginning when moths first appear. Do not apply within 1 day of harvest.

EGGPLANT, PEPPERS: Colorado Potato Beetle, Flea Beetle, Whitefly, Aphids, Green Stink Bug, Blister Beetle and Hornworms - Use 1 pound per acre. Apply when insects are first observed and repeat as necessary for control. Do not apply to eggplant or peppers within 1 day of harvest.

HEAD LETTUCE: Cabbage Looper, Diamond-Back Moth Larvae, Imported Cabbageworm, and Green Peach Aphid - Use $1\frac{1}{2}$ to 2 pounds per acre. Do not make more than 3 applications after thinning. Do not apply within 14 days of harvest. Do not feed crop refuse to livestock. Remove outside leaves at harvest.

POTATOES, TOMATOES: Aphids, Colorado Potato Beetle, Flea Beetle, Green Stink Bug, Whitefly and Blister Beetles - Use 1 pound per acre. For Hornworms, use 1 to 2 pounds per acre; for Tomato Russet Mite, Tomato Fruitworm, and Yellow Striped Armyworm - use 2 pounds per acre. Apply when insects first appear and repeat as required. Do not apply within 1 day of harvest. When applying in greenhouse, wear a mask or respirator of a type jointly approved by the Mining Enforcement and Safety Administration and by the National Institute for Occupational Safety and Health for Thiodan protection. Do not plant root crops other than carrots, potatoes and sweet potatoes as follow-up crops.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. PESTICIDE DISPOSAL: Pesticide, spray mixture or rinsate that cannot be used according to label instructions must be disposed of according to federal, state or local procedures. CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment, then dispose of bags in a sanitary landfill or by incineration if allowed by state and local authorities.

NOTICE

DISCLAIMER OF WARRANTY
MERCHANTABILITY AND LIABILITY

WOOLFOLK CHEMICAL WORKS, INC. warrants that the product conforms to the chemical description on its label and, when used in accordance with the directions on the label and under normal conditions, is reasonably fit for the purposes stated on the label. WOOLFOLK MAKES NO WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, EXPRESSED OR IMPLIED, EXCEPT AS STATED ABOVE. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as environmental conditions, conditions of application and other conditions relating to the use and handling of this product. All such risks are assumed by the purchaser. WOOLFOLK SHALL IN NO EVENT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

NET WEIGHT:

WOOLFOLK CHEMICAL WORKS, INC.

MANUFACTURED BY

FORT VALLEY, GEORGIA 31030

300/90755
17/3

300/90782
17/4

ERS
4/21/83

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Mr. Thomas H. Alden
Woolfolk Chemical Works, Inc.
Farm and Garden Products
P.O. Box 938
Fort Valley, GA 31030

Dear Mr. Alden:

Subject: Amendments - Add Catfacing Insects,
Update Label, and Add Brand Name
Security Brand 50% Thiodan Wettable
EPA Registration No. 769-275
Your Application Dated February 10, 1983

The amendments referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), are acceptable provided that you:

1. Make the following revisions before you release the product for shipment bearing the amended labeling.
 - a. We suggest the following addition and revision to the Statement of Practical Treatment section, however, if your toxicological data suggests otherwise, please submit a draft Statement of Practical Treatment for prior approval.

STATEMENT OF PRACTICAL TREATMENT

If swallowed - Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious or convulsing 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.

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

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If in eyes - Flush eyes with plenty of water. Call a physician immediately.

b. Please refer to the enclosed type size guide for assistance in selecting the correct print size for the front panel signal word, child hazard warning and the heading "Storage and Disposal."

Only for Sale to, Use and Storage by Security (Common Name)
c. Add ~~"not for use or storage in or around the home"~~ as requested in our previous letters of October 26, 1970 and February 21, 1975.

d. Revise the Environmental Hazards section by adding as the second sentence "Birds feeding on treated areas may be killed," and add as the last sentence: "Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label."

2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

The registration record for the product named above has been amended to include the additional product name listed below. It is understood that the label will be identical with that of the basic label accepted under this registration except for product name:

Security Brand 50% Endosulfan Wettable

Sincerely yours,

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

Enclosure

RD:LaRocca:DCR-39924:WANG-2600C:nk:laven:479-2013:2/17/83

P.S. It should be understood that revision of the updated labeling may be required in the future as a result of Toxicity data to be submitted under the Endosulfan Reregistration data call in.