



ORTHO ISOTOX® Insect Killer Formula IV

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

DANGER: Causes irreversible eye damage and skin irritation. May be harmful if swallowed or absorbed through skin. Do not get in eyes, on skin or on clothing. Wear goggles. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. **STATEMENT OF PRACTICAL TREATMENT:** If in eyes, hold eyes open and flush with a steady gentle stream of water for 15 minutes. See a physician immediately if on skin. Wash with plenty of water. Get medical attention if swallowed. Do not induce vomiting. Call a physician or Poison Control Center. Drink promptly a large quantity of milk, egg whites, gelatin solution or if these are not available drink large quantities of water. Avoid alcohol. When handling this product, wear chemical resistant gloves, long pants, and long sleeved shirt. When using outdoors, spray with the wind to your back and do not use when wind speeds are 10 mph or more. Wash the outside of the gloves with soap and water before removing. Do not allow children or pets to come into contact with treated surfaces until sprays have dried. **Note to Physicians:** Probable muscarinic damage may contraindicate the use of gastric lavage. Emergency Information: call 800 457 2022. **ENVIRONMENTAL HAZARDS:** This pesticide is toxic to fish and birds. Drift and runoff from treated areas may be hazardous to aquatic organisms in the adjoining areas. Do not apply directly to water or wetlands. Do not contaminate water by cleaning of equipment or disposal of wastes. Cover or soil-in-corporate spills.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting treatment area. **PHYSICAL OR CHEMICAL HAZARDS:** Flammable. Keep away from heat and open flame.

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

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.

HOW TO USE: Mix thoroughly and spray entire plant, covering both upper and lower leaf surfaces. May be applied with an ORTHO SPRAY-ETTE®, ORTHO DIAL® SPRAYER, Mist-Band Sprayer, tank type or power sprayer. Make new dilution for each use. This product is designed for outdoor use only by home gardeners. It has not been tested on rare, unusual varieties, therefore, when these plants are present, it is advised to test on a few plants before spraying large numbers. Do not apply to plants to be used for food or feed. **Note:** Do not apply to American Elm, Flowering Crabapple, Sugar Maple, Red Maple, Redbud, Begonia and Weigela as foliage loss may occur.

Does not require the addition of wetting agents.

Rate to Apply: Aphids and Grasshoppers on Roses, Flowers, Ornamentals, Shrubs and Trees: Apply 2 Tbs. (1 fl. oz.) to 1 gal. water. Spray as aphids appear. Repeat if infestation occurs.

Honeysuckle Aphid (Honeysuckle): Apply full coverage spray to the foliage as leaves begin spring expansion. Repeat 2 weeks later with a third spray 4 weeks after.

Japanese Beetle on Roses, Linden and Boston Ivy: Apply 4 Tbs. (2 fl. oz.) in 1 gal. water. Begin spraying when beetles or their damage first appear and repeat at 7 to 10 day intervals as long as needed.

All Other Listed Pests on Roses, Flowers, Ornamentals, Shrubs and Trees: Apply 3 Tbs. (1 1/2 fl. oz.) in 1 gal. water. Spray when insects or mites are present, or feeding damage is first noticed. Repeat if reinfestation occurs. For Mealybugs, Lower Thrips, Whiteflies, Mites, Scales and other hard to control pests, spray 2 to 3 times

about 7 to 10 days apart. For best results, apply at first sign of infestation, before population becomes large.

CONTROLS: Aphids, Ash Plant Bug, Bagworm, Beet Armyworm, Birch Leafminer, Black Vine Weevil, Budworms, Cabbage Looper, Catalpa Sphinx Moth (larvae), Cottonwood Leaf Beetle, Cuban Laurel Thrips, Elm Leaf Beetle, Fall Cankerworm, Fall Webworm, Fuchsia Mite, Grasshoppers, Gypsy Moth (larvae), Holly Leafminer, Lacebugs, Leafrollers, Leafhoppers, Lilac Leafminer, Maple Shoot Moth (larvae), Mimoso Webworm, Mealybugs, Nantucket Pine Tip Moth (larvae), Oak Webworm, Obscure Root Weevil, Orangestriped Oakworm, Poplar Tentmaker, Psyllids, Saddle Prominent Caterpillar, Sawflies (Dusky Birch, Blackheaded Ash, Redheaded Pine and European Pine), Scales (crawlers), Spittlebugs, Spruce Mite, Stinkbugs, Thrips, Tent Caterpillars, Twospotted Spider Mite, Whiteflies, Willow Leaf Beetle. ***SPECIAL DIRECTIONS: BLACK VINE WEEVIL:** Apply full coverage spray to foliage and soil beneath plants. Begin applications in mid-June and make 3 additional applications at 3 week intervals. **OBSOLETE ROOT WEEVIL:** Apply full coverage spray to the foliage in late spring as soon as feeding is noticed (usually about May). Repeat every 4 weeks through September. (Mid-July through August are the peak feeding times.)

COMBINATION SPRAY WITH FUNGICIDE ON ROSES: ISOTOX Insect Killer Formula IV may be used together with ORTHOCIDE® (Captan) Garden Fungicide or ORTHO FUNGINEX® Rose Disease Control, or ORTHO Multi-Purpose Fungicide DACTINIL 2787® at the rates recommended on each product label. Apply fungicide on a regular schedule to control disease and add ISOTOX Insect Killer Formula IV only when insect control is desired. Do not apply more than three consecutive applications of ISOTOX Insect Killer Formula IV in combination with any of the above fungicides. Clean sprayer after each use by flushing with water. Do not use household bleach as a cleaning agent.

STORAGE AND DISPOSAL

STORAGE: Store away from heat or open flame. Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area. Do not store diluted spray.

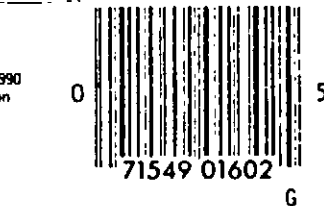
DISPOSAL: PRODUCT: Partially filled bottle may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash.

CONTAINER: Do not reuse empty bottle. Rinse thoroughly before discarding in trash.

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

DACTINIL 2787® — Reg. TM of Farnam Plant Protection Co. for Chlorothalonil Fungicide

Chevron Chemical Company © 1990
Ortho Consumer Products Division
P.O. Box 5047
San Ramon, CA 94583-0947
Product 5616
EPA Reg. No. 239-2595
EPA Est. 224 MD-1



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ORTHO

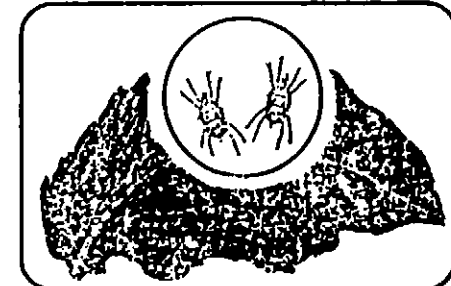
ISOTOX®

Insect Killer

Formula IV

Makes Up
To 32 Gallons
Spray

CONTROLS: Aphids, Mites, Thrips, Mealybugs, Whiteflies, Scales and many other listed pests on Roses, Flowers, Ornamentals, Shrubs and Trees.



**CONTAINS ORTHENE®
SYSTEMIC INSECTICIDE
AND VENDEX® MITICIDE**

**ALSO CONTROLS
JAPANESE BEETLES**

Active Ingredients	By Wt
**Acephate (O,S-Dimethyl acetylphosphorothioate)	8.0%
***Hexakis (2-Methyl-2-phenylpropyl)-distannoxane	0.5%
Inert Ingredients	91.5%
**ORTHENE®, Acephate US Pat Nos 3,716,600 & 3,914,417	
***VENDEX® — Reg. TM of E.I. du Pont de Nemours & Co	

Keep out of reach of children
DANGER
See side panel for additional
precautionary statements.

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