

Reg no: 239-2461

PM-16

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235,152  
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Chevron Chemical Company  
Ortho Consumer Products Division  
P.O. Box 4010  
Richmond, CA 94804-0010

Gentlemen:

Subject: Orthene Systemic Insect Control  
EPA Registration No. 239-2461  
Your Labeling Submitted September 30, 1988

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

1. Submit five (5) copies of your final printed label incorporating the following corrections before you release the product for shipment.
2. Add the labeling statements which were added in your label amendment of May 31, 1988 to bring your label in compliance with the Acephate Registration Standard. These statements are:

When handling this product, wear chemical resistant gloves, long pants, and a long sleeved shirt. When using outdoors, spray with your back to the wind 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.

54631:I:Mautz:M-9:KENCO:3/5/89:3/15/89:SG:VO:SG:CL

CONCURRENCES

SYMBOL								
SURNAME								
DATE								

If this condition is not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of this condition.

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

Sincerely yours,



William H. Miller  
Product Manager (16)  
Insecticide-Rodenticide Branch  
Registration Division (H7504C)

Enclosure

5  
8  
3

ORTHENE Systemic Insect Contr  
EPA Reg. No. 239-2461-AA

COPY A and pamphlet

COPY B water control

COPY C Using a coin or key,

**CONI**

PRO

CHEVRON CI

UNTI. A



**ORTHENE® Systemic Insect Control**

**PRECAUTIONARY STATEMENTS**  
**HARMS TO HUMANS & DOMESTIC ANIMALS**  
**WARNING:** Causes eye irritation. Harmful if swallowed. Do not get in eyes. Avoid contact with skin or clothing. Avoid breathing vapor or spray mist.

**TREATMENT OF PRACTICAL TREATMENT:** If swallowed, give water or milk to drink and induce vomiting by touching back of throat with finger or by administering syrup of ipecac. Contact a physician, Poison Control Center or emergency clinic before inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person. If medical advice cannot be obtained, take person and product container to the nearest emergency hospital facility. In case of eye contact, flush eyes with fresh water for 15 minutes and get medical attention immediately. Wash skin and hands thoroughly after using. If inhaled, remove person from exposure area. **Note to Physicians:** Emergency information: Call (415) 352-7337. This product contains a cholinesterase inhibitor. If signs and symptoms of cholinergic inhibition are present, atropine, 1-2 mg may also be given in conjunction with supportive therapy.

**ENVIRONMENTAL HAZARDS:** This pesticide is toxic to birds. Do not apply directly to water outdoors. Do not contaminate water by leaching of equipment or disposal of wastes. Do not feed or incorporate into soil. This product is highly toxic to bees exposed to direct treatment or residues on blooming flowers. Do not apply this product or allow it to drift onto blooming crops or weeds that require treatment area. **PHYSICAL OR CHEMICAL HAZARDS:** Do not use in store, shop or open flame.

**COMBOS FOR USE:** **Labeling of Federal Laws to Use This Product in a Manner Inconsistent with its Labeling and the LABEL USE STRICTLY IN ACCORDANCE WITH LABEL PRECAUTIONARY STATEMENTS AND DIRECTIONS.**

**[EASY SPRAY™ Applicator only]**  
 When insects are present, the following insects are listed in the label. Repeat the treatment as directed. Do not apply to plants to be used for food.

**[EASY SPRAY™ Applicator only]**  
**TO USE:**  
 1. Shake well. 2. Fill sprayer with water. 3. Add Orthene concentrate to the water. 4. Spray when insects are present. 5. Repeat if necessary. 6. Do not apply to plants to be used for food.

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 1. Shake well. 2. Fill sprayer with water. 3. Add Orthene concentrate to the water. 4. Spray when insects are present. 5. Repeat if necessary. 6. Do not apply to plants to be used for food.

Apple Tentmaker Psyllids, Rose Midge, Sawflies, Scale (crawlers), Spittlebug, Sunflower Moth, Tent Caterpillars, Willow Leafbeetle, White marked Tussock Moth, Whiteflies, Yellow-necked Caterpillar.

\* For these hard to control insects, spray 2 to 3 times 7 to 10 days apart.

**For Insects Listed Below:** Apply 3 Tbs (1 1/2 fl oz) to 1 gal water. Armyworms, Bagworm, Black Vine Weevil, Budworms, Cabbage Looper, Casebearers, Catalpa Sphinx Moth, Cherry Laurel Leafminer, Cuban Laurel Thrips, Elm Leafbeetle, Fall Cankerworm, Fall Webworm, Flower Thrips, Gladiolus Thrips, Green Striped Mapleworm, Gypsy Moth, Hornworm, Lace Bug, Leafhoppers, Leafminers, Obliquebanded Leafroller, Omnivorous Leafhopper, Maple Shoot Moth, Mealybugs, Mimosa Webworm, Nantucket Pine Tip Moth, Oak Webworm, Oleander Caterpillar, Orange striped Oakworm, Ovis (the Rock Wren), and its Poplar Tentmaker Psyllids, Rose Midge, Sawflies, Scale (crawlers), Spittlebug, Sunflower Moth, Tent Caterpillars, Two spotted Spider Mites, Suppresson Willow Leafbeetle, White marked Tussock Moth, Whiteflies, Yellow-necked Caterpillar.

\*\*Special Directions: **Obscure Root Weevil** (adults): Apply full coverage spray to the foliage in late spring as soon as feeding is noticed (usually about April). Repeat every four weeks through September (mid July through August) and the year following. **Black Vine Weevil:** Apply full coverage spray to foliage and soil beneath plants. Begin applications in mid June and make 3 additional applications at 7 week intervals. **Grasshoppers:** Apply full coverage spray to foliage and soil beneath plants and to lawn grasses.

**For Japanese Beetle** (Rose Linden, Boston Ivy): Apply 4 Tbs (2 fl oz) to 1 gal water. Repeat at 7 to 10 day intervals for as long as needed.

**THONESUCKLE APHID ON HONEYSUCKLE:** Spray thoroughly as leaves begin spring expansion. Repeat in 2 weeks with a third spray 4 weeks after second application.

**COMBINATION SPRAY WITH FUNGICIDE OR FERTILIZER ON ROSES:** ORTHENE Systemic Insect Control may be used together with ORTHO Fungicide, Rose Disease Control or ORTHO Fungicide Garden Fungicide or ORTHO Rose & Flower Fertilizer 12-4-12 at the rates recommended on each product label. Apply fungicides on roses, and a fungicide to disease control, and ORTHENE Systemic Insect Control only when necessary for insect control. Do not apply more than two consecutive applications of ORTHENE Systemic Insect Control in combination with any of the above fungicides.

**[EASY SPRAY™ Applicator only]**  
**Lawn Insects:** For Armyworm, Leafhoppers, Sod Webworms, Greenbottle Beetle, Grasshoppers, Bluegrass, Bentgrass, Fescue, St. Augustinegrass, Annual ryegrass, and other cool season grasses, apply at the rate of 3 Tbs (1 1/2 fl oz) to 1 gal water. Apply at the rate of 1/2 gal of spray (1/2 inch per 1000 sq ft) of lawn. Spray when insects are present. If damage is first noticed, Repeat in reinfestation.

**[EASY SPRAY™ Applicator only]**  
**Lawn Insects:** For Armyworm, Leafhoppers, Sod Webworms, Greenbottle Beetle, Grasshoppers, Bluegrass, Bentgrass, Fescue, St. Augustine, Apply 3 Tbs (1 1/2 fl oz) to 1 gal water. Spray when insects are present or feeding damage is first noticed. Apply at the rate of 1/2 gal of spray per 1000 sq ft of lawn. Repeat in reinfestation.

**[EASY SPRAY™ Applicator only]**  
**Imported Fire Ant Mounds:** Bermudagrass, Centipedegrass, Bahiagrass, St. Augustinegrass, and other warm season grasses. Apply 1/2 gal of spray (1/2 inch per 1000 sq ft) of lawn. Repeat in reinfestation.

**[EASY SPRAY™ Applicator only]**  
**Imported Fire Ant:** Bermudagrass, Centipedegrass, Bahiagrass, St. Augustinegrass, and other warm season grasses. Apply 1/2 gal of spray (1/2 inch per 1000 sq ft) of lawn. Repeat in reinfestation.

**NOTE:** Reduce water stress on all treated plants. Spray when insects are present. If damage is first noticed, Repeat in reinfestation.

**Imported Fire Ant:** Bermudagrass, Centipedegrass, Bahiagrass, St. Augustinegrass, and other warm season grasses. Apply 1/2 gal of spray (1/2 inch per 1000 sq ft) of lawn. Repeat in reinfestation.

**NOTE:** Do not apply to American Elm, Flowering Crabapple, Sugar Maple, Red Maple, Cottonwood, Redbud and Weigela as foliage injury may occur. If a foliage injury is observed, flushing with water, do not use household bleach as a cleaning agent.

**STORAGE AND DISPOSAL:** Keep pesticide in original container. Do not put on or near eating, drinking, or sleeping surfaces. 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 burying wrapped 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. Read label and directions.

**Chevron Chemical Company**  
 1000 Lakeside Blvd., Richmond, CA 94801  
 P.O. Box 5041, San Ramon, CA 94583-0541  
 P.O. Box 1000, Alameda, CA 94601-1000  
 P.O. Box 100, San Francisco, CA 94101  
 P.O. Box 200, Dallas, TX 75201

**CONFIDENTIAL**  
**PROPERTY OF**  
**CHEVRON CHEMICAL COMPANY**  
**UNTIL ACCEPTED BY EPA**

**ORTHO**  
**ORTHENE®**  
**Systemic Insect Control**

Makes 21 gallons diluted spray  
 Treats 3,555 sq ft of lawn

**READY SPRAY**  
 1/4  
 1/2  
 3/4

**CONTROLS:** Aphids, Armyworms, Bagworm, Black Vine Weevil, Budworms, Cankerworms, Cuban Laurel Thrips, Flower Thrips, Grasshoppers, Gypsy Moth, Imported Fire Ants, Japanese Beetles, Leafhoppers, Leafminers, Leafrollers, Leafhoppers, Loopers, Mealybugs, Pine Tip Moth, Psyllids, Root Weevil, Rose Midge, Sawflies, Spittlebug, Scale (crawlers), Tent Caterpillars, Webworms, Whitefly and other listed leaf-eating caterpillars, worms, and lawn pests.

**ON:** Roses, Flowers, Ornamentals, Shrubs, Shade Trees and Lawns

**[EASY SPRAY™ Applicator only]** Ready-to-use concentrate mixes automatically with water through the attached hose end sprayer.



Active Ingredient  
 \*\*\*\*Acephate 10,5 dimethyl acetylphosphor amidothioate 94  
 Inert Ingredients 90.6  
 \*\*\*\*ORTHENE® Acephate U.S. Pat. No. 3,716,600

Keep out of reach of children  
**WARNING**  
 See side panel for additional precautionary statements  
**NET CONTENTS 1 QT.**

**BEST AVAILABLE COPY**