

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS & DOMESTIC ANIMALS

CAUTION:

Harmful if absorbed through skin. Avoid breathing dust. Avoid contact with skin, eyes or clothing. In case of contact, immediately flush eyes and skin with plenty of fresh water. For eyes, obtain medical attention if irritation persists. ← *copy A*
 Note to Physicians: Emergency Information - call (415) 233-3737.

ENVIRONMENTAL HAZARD

Keep out of lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

Systemic chemical is absorbed by roots and moves to all parts of plant through sap stream.

Provides up to 6 weeks protection against listed insects.

DIRECTIONS FOR USE

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

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

ORTHENE Granules contains an effective systemic insecticide, acephate. It provides the proper amount of systemic insecticide necessary to protect plants from the damage normally caused by sucking insects (aphids, lacebugs, leafhoppers, Cuban laurel thrips) and certain chewing insects (leafminers, leaf beetles, leaf-tiers and worms) as listed.

Systemic means that the insecticide is actually absorbed into the plant through the root system and then moves internally through the sap stream into the branches, leaves and new growth.

ORTHENE Granules protects against insects for up to 6 weeks. It cannot be washed off by rain or sprinkling since the protection is internal. This unique action protects all surface areas, including undersides of leaves. Even new growth is fully protected from insect damage.

DIRECTIONS

ORTHENE Granules, when used as directed, kills the following insects on roses and other flowers, shrubs and small trees as listed below:

Insect	Hosts
Aphids (Plant Lice)	Roses*, Viburnum, Chrysanthemum, Birch, Snapdragon, Petunia, Ageratum, Salvia, Spirea, Photinia, Crapemyrtle
Leafminers (See NOTE)	Holly, Yaupon, Birch, Zinnia
Leafhoppers	Dahlia**, Aster, Marigold, Zinnia
Lacebugs	Sycamore**, Pyracantha**, Azalea
Leaf-tier (Larvae)	Cherry Laurel**
Maple Shoot Moth	Maple**
Cuban Laurel Thrips	Cuban Laurel (Ficus)
Dusky Birch Sawfly	Birch
Leaf Beetles (Larvae)	Elm, Willow
Loopers	Petunia, Dahlia**



ORTHO

FREE
Shaker
Measuring Cup
In Top

ORTHENE® Granules

Protects — Roses, Flowers, Shrubs, Trees

Kills both chewing and sucking insects (as listed)

New Systemic Insecticide

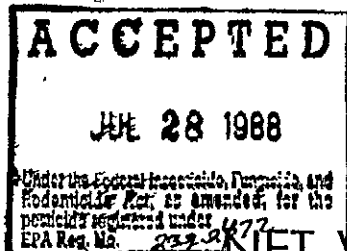
Protects Plants up to 6 weeks.

← *copy C*
 Active Ingredient *d* By Wt.
 *Acephate (O,S-Dimethyl acetylphosphoramidothioate) 1.5%
 Inert Ingredients 98.5%
 *U.S. Patent No. 3,716,600

Keep out of reach of children

CAUTION

See back panel for additional precautionary statements.



NET WT. 5 LBS.

*Apply 2 applications in the spring (6 weeks apart) at the first sign of new growth and one additional application in the fall to control aphids. Do not exceed 3 applications per year. A slight marginal tip burn may result on leaves of sensitive varieties of roses.

**Do not exceed 3 applications per year.

WHEN TO USE

ORTHENE Granules should be applied when plants first begin to grow in the spring. Do not apply ORTHENE Granules to newly planted roses in sandy soils.

NOTE: For Birch Leafminer control, apply in early spring when leaves are unfolding (leaf puncture stage), or at the earliest sign of leaf damage. Repeat application in 4 to 6 weeks for second generation.

HOW TO USE

ON ESTABLISHED ROSES: At first signs of new growth, spread 1 shaker cup evenly over an area 3' x 3' (9 sq. ft.) around the base of each plant and work into 1 to 2 inches of soil. Water thoroughly to carry the systemic control deep into the root zone. Repeat application at 4 to 6 weeks if necessary in the spring and again in the fall. Do not make multiple application in the spring on sandy soils as injury may occur. Do not get granules on wet foliage.

WHEN PLANTING NEW ROSE BUSHES: Do not apply to newly planted roses until they have become well established, or have been planted in the ground for 3 months. Then proceed the same as for Established Roses.

ON FLOWERS: Apply 3 shaker cups per each 25 sq. ft. (5' x 5') of bed area. Work into top 1 to 2 inches of soil. Plant seed or set plants and water thoroughly. Do not get on foliage when foliage is wet.

ON ORNAMENTAL SHRUBS AND SMALL TREES (Under 10 to 12 Feet High): Apply 3 shaker cups per each 25 sq. ft. (5' x 5') over the root zone of plants to be treated. Distribute the required amount evenly from the base to the drip line on all sides of the plant. In cultivated areas, work into the top 1 to 2 inches of soil and water thoroughly. In lawn areas, water thoroughly after application to carry the systemic action into the root zone. Do not get granules on wet foliage.

STORAGE AND DISPOSAL

Keep product in original container. Do not contaminate food or feed by storage, disposal or cleaning of equipment. Do not reuse empty container. Wrap container and put in trash collection.

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

CONFIDENTIAL

PROPERTY OF

CHEVRON CHEMICAL COMPANY

WHILE ACCEPTED BY EPA

Chevron Chemical Company

Ortho Consumer Products Division

San Francisco CA 94119 Richmond CA 94804

Product 5439 Made in U.S.A.

Form 9605-A

EPA Reg. No. 239-2472

BEST AVAILABLE COPY

PM 1/4

7-28-88

239-2472

1/2

COPY A

When handling this product, wear chemical resistant gloves, long pants, and long sleeved shirt. Wash the outside of the gloves with soap and water before removing.

COPY B

STORAGE: Keep pesticide in original container. Do not put into food or drink containers. Avoid contamination of feed and foodstuffs. Store in a cool, dry place, preferably in a locked storage area.

DISPOSAL: **PRODUCT**--Partially filled canister may be disposed of by securely wrapping original container in several layers of newspaper and discard in trash. **CONTAINER**--Do not reuse empty canister. Discard canister in trash.

COPY C

NOTE: THIS PACKAGE IS FILLED TO PROPER WEIGHT, BUT VARIATION IN PRODUCT DENSITY MAY CAUSE VARYING FILL LEVELS IN CAN.

TO OPEN--LIFT OUT MEASURING CUP WITH SCREW-DRIVER--REPLACE CUP FIRMLY AFTER USE.

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CHEVRON CHEMICAL COMPANY

UNTIL ACCEPTED BY EPA

WLC:rm 6/51
5/9/88

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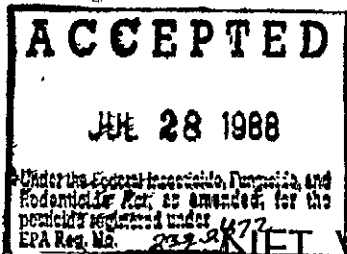
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PM 14

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