

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

Provides 6 week all weather protection against listed insects.

**GUARANTEED FERTILIZER ANALYSIS**

Total Nitrogen (N)	8%
5.6% Ammoniacal Nitrogen	
1.1% Urea Nitrogen	
1.3% Water Insoluble Nitrogen	
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	12%
Soluble Potash (K <sub>2</sub> O)	4%
Calcium (Ca)	10.0%
Magnesium	1.0%
Sulfur (S) as Combined	9.5%
Boron (B)	0.02%
Iron (Fe)	0.4%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0008%
Zinc (Zn)	0.05%

Primary Nutrients from Urea, Ureaform, Ammonium Sulfate, Ammoniated Superphosphate, Ammonium Phosphate and Murate of Potash  
Secondary and Trace Nutrients from Superphosphate, Magnesium Oxide, Magnesium Sulfate, Ammonium Sulfate, Iron Sulfate and Fritted Trace Elements

Chlorine, not more than 3.1%  
Potential Acidity 600 lbs. Calcium Carbonate Equivalent per ton 84-1030

**INGREDIENT STATEMENT AS AN INSECTICIDE**

Active Ingredient	8.1%
0,0-diethyl S-[2-(ethylthio)ethyl] phosphorothioate†	1%
Inert Ingredients	99%
†Equivalent 20 lbs. DI-SYSTON per ton	
†U.S. Pat. No. 2,759,010	
†DI-SYSTON™ trademark of Farbenfabriken Bayer A.G. Chemagro Corp. Licensee	

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH LABEL WARNINGS AND DIRECTIONS.**

**KEEP PESTICIDE IN ORIGINAL CONTAINER**

**DIRECTIONS**

**ORTHO Systemic Rose & Flower Care** is an effective systemic insecticide combined with a fertilizer containing the three essential plant food elements, Nitrogen, Phosphate and Potash. This combination provides the proper amount of plant food and systemic insecticide necessary to maintain strong, vigorous plants which are free from the damage normally caused by sucking insects (aphids, leafhoppers, spider mites) and certain chewing insects. 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, blossoms and new growth.

**ORTHO Systemic Rose & Flower Care** protects against insects for six 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 and blossoms. Even new growth is fully protected from insect damage.

**ORTHO Systemic Rose & Flower Care**, when used as directed, kills the following insects on roses and other flowers and shrubs: Aphids (Plant Lice), Spider Mites, Birch Leaf Miner, Holly Leaf Miner, Leafhoppers, Whiteflies, Pine Tip Moth, Lace Bug, Mimosa Webworm.

**WHEN TO USE**

**ORTHO Systemic Rose & Flower Care** should be applied when plants have about one inch of new growth in the spring and at six-week intervals through the summer. In addition to control of insects for six weeks, your plants will be provided with the proper amount of plant food necessary to maintain strong, vigorous growth.

**HOW TO USE**

**ON ESTABLISHED ROSES**

For established plants, spread 1/2 cup (2 ozs.) evenly around the base of each plant and work into 1 to 2 inches of soil. Water thoroughly. Avoid contact with hands.

**WHEN PLANTING NEW BUSHES**

After planting, mix 1/4 cup in the top 2" of soil. Water thoroughly. Do not apply additional fertilizer for about six weeks.

**ON FLOWERS, BULBS, BEDDING PLANTS**

Apply 2 lbs. per each 100 sq. ft. (5' x 20') or bed area. Work into top 1 to 2 inches of soil. Plant seed or set plants and water thoroughly. Do not apply additional fertilizer for about 6 weeks.

**ON POTTED PLANTS**

Apply one level teaspoonful per six inch pot by punching a number of small holes into the soil. Pour granules into the holes and thoroughly water the plants.

**ON ORNAMENTAL SHRUBS**

Apply 1/2 cupful (4 ozs.) for each foot of shrub height (2 cupfuls for a 3-foot high shrub). Distribute the required amount evenly from the base to the drip line of all sides of the plant. Work into the top 1 to 2 inches of soil and water thoroughly.

**4 ROUNDED TABLESPOONS EQUAL 1/2 CUP**

**PESTICIDE-FERTILIZER MIXTURE** containing 1% DI-SYSTON.

**WARNING:** May be fatal if swallowed. This product contains an organic phosphate which is a cholinesterase inhibitor. If swallowed, induce vomiting and call a physician immediately.

**Note to Physicians:** Emergency Information—call (415) 233-3737. Antidote—Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine. Do not breathe dust. May be absorbed through the skin. Do not get on skin, in eyes, or on clothing. Wear rubber gloves. Poisoning may occur as a result of exposure. Wash hands thoroughly after handling. Keep children and pets away from treated area until product is worked and watered into the soil and treated area is completely dry.

Do not contaminate feed or food. Food utensils such as a teaspoon or measuring cup should not be used for food purposes after use with insecticide.

Do not use around fruit trees or vegetable plants. Do not broadcast applications to lawns.

Do not reuse container for any purpose. Dispose of container promptly when empty.

This product is toxic to fish, wildlife and birds. Keep out of any body of water. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

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

**Chevron Chemical Company**

Ortho Division, San Francisco, CA 94119, Richmond, CA 94604

Form 9466-A, Product 3988, Made in U.S.A.

EPA Est. 229-1A-1, EPA Reg. No. 239-2134-2A

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

TO OPEN—LIFT OUT MEASURING CUP WITH SCREWDRIVER—REPLACE CUP FIRMLY AFTER USE.

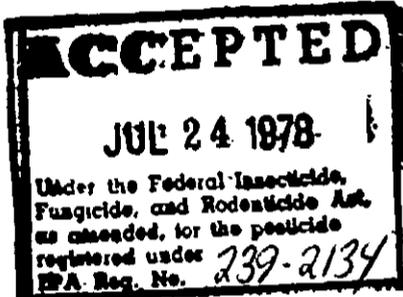


**ORTHO**



**FREE MEASURING CUP IN TOP**

**Systemic Rose & Flower Care 8-12-4**



**Plant Food With Systemic Insecticide Six Week Systemic Action**



**INGREDIENT STATEMENT AS AN INSECTICIDE**

Active Ingredient	By Wt
0,0-diethyl S-[2-(ethylthio)ethyl] phosphorothioate†	1%
Inert Ingredients	99%
†Contains DI-SYSTON™	
†U.S. Pat. No. 2,759,010	

**WARNING:** Keep out of reach of children. Read warning and antidote statements on back panel.

**NET WT. 2 LBS.**

