

Reg # 239-2134

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ORTHO®
Systemic Rose
& Flower Care
8-12-4

~~(ICON)~~ OUTDOOR USE ONLY

- Two-Way Action: Feeds/fertilizes and protects against insects
- Feeds/Fertilizes and protects your roses in one easy step
- Two-in-One Action
- Protects Against Insects
- Fertilizes and protects your roses against insects
- Takes seconds/minutes - lasts for weeks
- Apply in seconds/minutes - lasts for weeks
- Feeds and protects up to 16/40/42/80 roses (depending on size 2, 5, 5-1/4, 10 lbs.)
- Treats up to 16/40/42/80 roses (depending on size)
- Beautiful roses have never been easier
- One step to beautiful roses
- Great results - Guaranteed
- Provides long lasting feeding and protection
- Feeds and protects 20 roses for the growing season (5 lb. size)
- One application lasts 6 weeks
- One step is all it takes to beautiful roses
- Beautiful roses made easy
- Easy to use
- Beautiful roses in one step
- Quick and easy
- Ready-to-use, No mixing
- Feeds/Fertilizes and protects roses, flowers, and ornamental shrubs
- Water proof packaging
- All weather package
- Bonus pack
- Bonus size
- Handy measuring cup
- Use the cap as a measuring cup
- Cap doubles as a measuring cup
- Green granules
- New green granules
- Colored granules
- New colored granules

239-2134 Amend 206 February 6, 1995
Systemic Rose & Flower Care 8-12-4
EPA Master label accepted 10-17-94 w/1 changes
Changes made to file 11-18-94

MAR 27 1995

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INGREDIENT STATEMENT AS AN INSECTICIDE

Active Ingredient

*Disulfoton (0,0-diethyl s-(2[ethylthio] ethyl) phosphorodithioate)

..... 1%
Inert Ingredients.....99%

*DI-SYSTON® Insecticide

KEEP OUT OF REACH OF CHILDREN

WARNING

See back panel for additional precautionary statements.

NET WT. 5 LBS. (2.26 kg)

NOTE: THIS PACKAGE IS SOLD BY WEIGHT. CONTENTS MAY HAVE SETTLED DURING SHIPMENT.

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N).....	8%
5.6% Ammoniacal Nitrogen	
1.1% Urea Nitrogen	
1.3% Water Insoluble Nitrogen	
Available Phosphate (P ₂ O ₅)	12%
Soluble Potash (K ₂ O)	4%
Calcium (Ca)	8%
Magnesium (Mg)	3.0%
0.5% Water Soluble Mg	
Sulfur (S) as Combined	4.0%
Boron (B)	0.02%
Iron (Fe)	0.4%
Manganese (Mn)	0.05%
Molybdenum (Mo)	0.0008%
Zinc (Zn)	0.05%

Primary Nutrients from Urea, Urea Formaldehyde, Ammonium Sulfate, Ammoniated Superphosphate, Ammonium Phosphate and Muriate of Potash.

Secondary and Trace Nutrients from Superphosphate, Magnesium Oxide, Ammonium Sulfate, Iron Sulfate, Sodium Borate, Manganese Oxide, Sodium Molybdate and Zinc Oxide

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

Protects and feeds rose bushes and ornamental plants in one easy step. Two-in

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one product contains an insecticide and all the nutrients your roses/plants need for strong, healthy growth and beautiful blooms. Feeds and protects against insects for up to 6 weeks. Treats your roses in minutes/seconds. Simply apply the granules around the base of the plant, mix into the soil, and water. The product is absorbed into the plant through the roots and will not be washed off by rain or watering. Even new growth is fully protected from insect damage.

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.

INSECTS CONTROLLED

Aphids , Spider Mites, Birch Leafminer, Holly Leafminer, Leafhoppers, Whiteflies, Pine Tip Moth, Lace Bug, Mimosa Webworm.

WHEN TO USE

Apply in the spring when plants have about one inch of new growth. Reapply every 6 weeks during the growing season. This is the only fertilizer you need for healthy roses and beautiful blooms. Do not mix or apply with other fertilizers.

WHERE & HOW TO USE

Product is for use on ornamental garden plants only. It is not for use on edible plants, fruit trees, lawns, or container grown plants.

[Text Form - Option 2:]

ESTABLISHED ROSES: spread 1/3 cup (2 oz.) evenly around the base of each bush. Work into 1 or 2 inches of soil with a garden tool. Water thoroughly.

NEW ROSES: After planting, mix 1/4 cup in the top 2 inches of soil with a garden tool. Water thoroughly.

FLOWERS, BULBS, BEDDING PLANTS: Apply 2 lbs. per each 100 sq. ft. (5'x20') of bed area. Work into top 1 to 2 inches of soil. Plant seeds or transplants and water thoroughly.

ORNAMENTAL SHRUBS: Apply 2/3 cup for each foot of shrub height (2 cupfuls for a 3-foot high shrub). Spread evenly from the base to the drip line of all sides of

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the plant. Work into the top 1 to 2 inches of soil with a garden tool and water thoroughly.

[Table Form OPTION 1]

PLANTS	PRODUCT TO APPLY	TREATMENT TIPS
Established Roses	1/3 cup per plant	Spread evenly around the base of each bush. Work into top 1-2 inches of soil with a garden tool. Water thoroughly.
New Roses	1/4 cup per plant	After planting, mix into top 2 inches of soil with a garden tool. Water thoroughly.
Ornamental Shrubs (illustration)-Root zone	2/3 cup for each foot of shrub height	Spread evenly from the base to the drip line of all sides of the plant. Mix into top 2 inches of soil with a garden tool. Water thoroughly.
Flowers, Bulbs, Bedding Plants	2 lbs. per 100 sq. ft. (5' x 20')	Spread over bed area before planting. Work into top 1-2 inches of soil. Plant new seeds or transplants. Water thoroughly.

[5 lb. size with measuring cap only]

Measuring cap filled to top of inner circle holds 1/3 cup.

Measuring cap filled to inner line holds 1/3 cup (2 oz.).

[10 lb. size canister with measuring scoop included only]

One level measuring scoop holds 1/3 cup.

[2 lb. size canister does not include a measuring scoop]

4 ROUNDED TABLESPOONS EQUAL 1/3 cup.

Do not use cups and spoons for food after use with this product - keep for garden use only.

Pesticide-Fertilizer mixture containing 1% DI-SYSTON Insecticide

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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS & DOMESTIC ANIMALS

WARNING: May be fatal if swallowed or absorbed through skin. Causes eye irritation. Do not get in eyes, on skin, or on clothing. Avoid breathing dust. Wear protective clothing and rubber gloves. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco. Remove contaminated clothing and wash before reuse.

~~Child/pet icon~~ Children and pets may enter treated areas after product is worked and watered into the soil and treated area is completely dry. NOTE: Product may be attractive to dogs.

FIRST AID: If swallowed: Call a physician or Poison Control Center (1-800-454-2333). Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. If on skin: wash with plenty of soap and water. Get medical attention. If in eyes: flush eyes with plenty of water. Call a physician if irritation persists. If inhaled: remove victim to fresh air. Note to Physicians: Disulfoton is an organophosphate insecticide. If symptoms of cholinesterase inhibition are present, atropine by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to fish and wildlife. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Cover or incorporate spills.

STORAGE AND DISPOSAL

STORAGE: Store only in original container in a secure, cool dry place. Avoid contamination of feed and foodstuffs.

DISPOSAL:- Try to use all of the product or give it to someone who will use it. Do not reuse empty container. Wrap in newspaper and discard in trash.

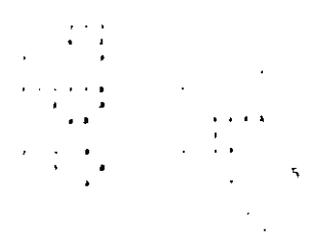
NOTICE- Buyer assumes all responsibility for safety and use not in accordance with directions.

Medical Information call 1-800-454-2333
Product Information call 1-800-225-2883

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Manufactured for
The SOLARIS Group of
~~A Division of~~

239 2334 amend 206 February 6, 1995
Systemic Rose & Flower Care 8 12 4
EPA Master label - approved 10/17/94 w/changes
Changes made to file 11/18/94



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~~The Agricultural Group of~~
Monsanto Company
P.O. Box 5008
San Ramon CA 94583-0808
Form 9467- Product 3988
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• Made in USA

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