

PM 03

4-420

09/01/99



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
4-420

Date of Issuance:  
SEP 1 1999

Term of Issuance: **Conditional**

**NOTICE OF PESTICIDE:**

- Registration
- Reregistration

Name of Pesticide Product:  
**Bonide Systemic Rose & Flower Care**

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Bonide Products, Inc.  
2 Wurz Avenue  
Yorkville, NY 13495

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A), provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of you product under FIFRA section 4.
2. Make the following labeling changes listed below before you release the product for shipment:
  - a. Please revise the referral statement on the front panel to read "See side panel for first aid and additional precautionary statements."
  - b. Please add the following statement to the front panel: "For use on flowers, roses, shrubs, and trees."
  - c. Under the sections BEFORE PLANTING and FOR ROSES, SHRUBS AND TREES, please delete the word "about" from the statement "Do not apply additional fertilizer for about 6 weeks".

CONCURRENCES

SYMBOL	Signature of Approving Official:	Date:
	7585C George T. LaRocca	
SURNAME	SPROAT	
DATE	9/1/99	

- d. Under the sections FOR FLOWERS IN A ROW and ESTABLISHED GROUND PLANTINGS, please change the last sentence to read "Repeat application at six week intervals as required."
  - e. On the third panel of your label, please change the word "purposed" to "purposes" in the sentence beginning with "Food utensils,...".
  - f. Under Precautionary Statements, add the following precaution: "Do not use on or around fruit trees or vegetable gardens."
  - g. Revise the Environmental Hazards Statement to read as follows: "This product is toxic to fish, wildlife and birds. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes."
3. Please submit two (2) copies of your final printed label for before your release the product for shipment. Please refer to the A-79 enclosure for a further description of final printed labeling. If these conditions are 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 amended labeling constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact Dr. William Sproat of my team at (703) 308-8587.

Sincerely,

George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505C)

Enclosure



# Systemic Rose and Flower Care

R•e•a•d•y t•o U•s•e

**Plant food with Systemic Insecticide Protection  
Against Leafminers and Other Insects as Listed.  
Provides 6 weeks of Plant Protection.**

EPA Reg. No. <sup>420</sup> 4-~~421~~

EPA Est. No. 4-NY-1

ACTIVE INGREDIENT:		
Disulfoton CAS No. 298-04-4	.....	1.0%
OTHER INGREDIENTS:	.....	99.0%
TOTAL:	.....	100.00%

**KEEP OUT OF REACH OF CHILDREN**  
**WARNING**  
See side panel for additional precautionary statements.

REGISTERED  
AND LISTED  
in EPA Label Book

**Net Contents 2 lbs. (.90kg)**

SEP 1 1999

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the products  
registered under FIFRA Reg. No.  
4-420

**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 WARNINGS AND DIRECTIONS.**

**STORAGE AND DISPOSAL**

**Prohibitions:** Do not contaminate water, food or feed by storage or disposal. **Storage:** Store in a cool, dry place and in such a manner as to prevent cross contamination with other pesticides fertilizers, food and feed. Store and transport in upright position. Store product in original container and out of the reach of children, preferably in a locked storage area. **Pesticide Disposal:** Securely wrap original container in several layers of newspaper and discard in trash. **Container Disposal:** Do not reuse empty container. Discard in trash. Handle and open container in a manner as to prevent spillage. In case of spillage, carefully sweep material into a pile. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Dispose of pesticide as directed above.

**WHEN AND HOW TO USE:** Apply the ready-to-use granules uniformly (per recommended application below) to the soil around the base of the plant. Mix the granules into the topsoil, then water. Apply when plants have about 1 inch of new growth in the spring and at 6 week intervals throughout the summer. This product can also be scattered over planting beds and mixed into the top soil before sowing seed or setting bulbs or transplants as directed below.

**RECOMMENDED APPLICATIONS:**

**FOR FLOWERS:** To treat Ageratum, Calendum, Carnation, Chrysanthemum, Delphinium, Petunia and other flowers, to control Aphids (plant lice), Lace Bug, Leafhoppers, Spider mites, Thrips and Whiteflies.

**BEFORE PLANTING:** Apply 2 lbs. evenly over 200 sq. ft. (10' x 20') of bed area and work into the top 2 to 3 inches of soil. Sow seed or set plants and water thoroughly. Do not apply additional fertilizer for about 6 weeks.

**ESTABLISHED PLANTS:** Apply two rounded teaspoonfuls around base of plant, work into soil and water thoroughly.

**FOR FLOWERS IN A ROW:** Apply two rounded teaspoonfuls per foot of row in a narrow band near the base of plants. Work into top soil and water thoroughly. Repeat application at 4 to 6 week intervals.

**FOR ROSES, SHRUBS AND TREES:** To treat ROSES, BIRCH, Azaleas, Camellia, Euonymus, Moraine locust, Pine, Rhododendron, Yews and others, to control Aphids (plant lice), Birch leaf miner, Camellia scale, Holly leaf miner, lace bug, Leafhoppers, Mimosa webworm, Pine tip moth, Spider mites, Tea scale, Thrips, Whiteflies, Soft scale (Coccus hesperidium). **WHEN PLANTING NEW BUSHES:** Place 2' level Tbsp. in the transplant hole with the soil as you fill it. Mix additional 2' level Tbsp. in the top 1 - 2 inches of soil. Water thoroughly. Do not apply additional fertilizer for about 6 weeks.

**POTTED PLANTS:** Apply two rounded teaspoonfuls per 6 in. pot by punching a number of small holes into the pot soil with a pencil. Pour granules into holes and thoroughly water the plants. **INDOOR PLANTS MUST HAVE A SAUCER TRAY RECEPTACLE BENEATH THE POT CONTAINER WHICH MAKES POT DRAINAGE WATER INACCESSIBLE TO CHILDREN AND PETS.**



**ESTABLISHED GROUND PLANTINGS:** Apply 4 to 8 rounded Tbsp. per foot of shrub height. Use the lower rate for shrubs up to 3 ft. and the higher rate for shrubs from 3 to 6 ft. in height. Distribute the required amount evenly from the base of shrub to the drip line on all sides of the plant. Work into the top 1 to 2 inches of soil and water thoroughly. Repeat application at 4 to 6 week intervals as required.

**PRECAUTIONARY STATEMENTS - HAZARDS TO HUMANS AND DOMESTIC**

**ANIMALS - WARNING -** Use this product only in accordance with label directions. May be fatal if swallowed or inhaled. May be absorbed through the skin. Do not breathe dust. Do not get in eyes, on skin or on clothing. Wear rubber gloves when handling and applying this product. Do not contaminate feed or food. Keep out of reach of children. Wash thoroughly after handling. Do not broadcast applications to lawns. Keep children and pets off treated areas until product is worked into the soil and the treated areas have dried completely. Food utensils, such as teaspoon or measuring cup should not be used for food purposed after use with insecticides.

**FIRST AID - If swallowed:** Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with a finger. Do not induce vomiting or give anything by mouth to an unconscious or convulsing person. **If in eyes:** Flush with plenty of water. Call a physician if irritation persists. **If on skin:** Remove contaminated clothing and wash affected area with soap and water. **If inhaled:** Remove victim to fresh air. Apply artificial respiration if indicated.

**Note to physician:** Disulfoton is an Organophosphate insecticide. If symptoms of cholinesterase inhibition are present, Atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered with Atropine.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish and wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes. Cover or incorporate spills. This product is toxic to bees exposed to direct applications. Applications should be timed to coincide with periods of minimum bee activity, usually between late evening and early morning.

For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378.

## [FERTILIZER CLAIMS]

<b>GUARANTEED ANALYSIS</b>	<b>8-12-4</b>
Total Nitrogen (N) .....	8%
5.6% Ammoniacal Nitrogen	
1.1% Urea Nitrogen	
1.3% Water Insoluble Nitrogen	
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ) .....	12%
Soluble Potash (K <sub>2</sub> O) .....	4%
Calcium (Ca) .....	8.00%
Magnesium (Mg) (total) .....	3.00%
0.5% Water Soluble Magnesium (Mg)	
Sulfur (S) .....	4.00%
4.0% Combined Sulfur (S)	
Boron (B) .....	0.02%
Iron (Fe) .....	0.40%
0.40% Water Soluble Iron (Fe)	
Total Manganese (Mn) .....	0.05%
0.01% Water Soluble Manganese (Mn)	
Molybdenum (Mo) .....	0.0008%
Total Zinc (Zn) .....	0.05%

Derived from Urea, Urea Formaldehyde, Ammonium Sulfate, Ammoniated Superphosphate, Ammonium Phosphate, Muriate of Potash, Magnesium Oxide, Magnesium Sulfate, Sodium Borate, Manganese Oxide, Manganese Sulfate, Sodium Molybdate, Zinc Oxide, Ferrous Sulfate.

When applied as directed, this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials. Information concerning the materials composing this product can be obtained by writing to the guarantor listed on this container and referring to the batch number found on this container.

[The following will be added when sold in the state of Washington: This product has been registered with the Washington State Dept. of Agriculture. When applied as directed, this fertilizer meets the Washington standards for arsenic, cadmium, cobalt, mercury, molybdenum, lead, nickel, selenium and zinc. You have the right to receive specific information about Washington standards from the distributor of this product. After July 1, 1999, more detailed information about fertilizer products registered in Washington state will be available at the Washington State Department of Agriculture's website at <http://www.wa.gov/agr/>.]

Buyer's Guarantee Limited to Label Claims.

Manufactured/Guaranteed by  
 Bonide Products, Inc.  
 2 Wurz Avenue  
 Yorkville, NY 13495