


72155-49

7/19/2007

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	<b>U.S. ENVIRONMENTAL PROTECTION AGENCY</b> <b>Office of Pesticide Programs</b> <b>Registration Division (7505P)</b> <b>Ariel Rios Building</b> <b>1200 Pennsylvania Ave., NW</b> <b>Washington, D.C. 20460</b>		EPA Reg. Number: 72155-49	Date of Issuance: JUL 19 2007
	NOTICE OF PESTICIDE: <input type="checkbox"/> Registration <input checked="" type="checkbox"/> Reregistration (under FIFRA, as amended)		Term of Issuance: <b>Unconditional</b>	Name of Pesticide Product: <b>Flower, Rose &amp; Shrub Care</b>
Name and Address of Registrant (include ZIP Code):  <b>Bayer Advanced</b> <b>A Business Unit of Bayer CropScience LP</b> <b>2 T.W. Alexander Drive</b> <b>Research Triangle Park, NC 27709</b>				
<b>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.</b>				
<p>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.</p> <p>Based on your response to the Reregistration Eligibility Decision, EPA has reregistered the product listed above. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product.</p> <p>Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.</p> <p>The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable provided you make the following changes:</p> <ol style="list-style-type: none"> <li>1. On the front panel, revise "FOR USE ON:" to read "FOR OUTDOOR USE ON:"</li> </ol>				
Signature of Approving Official:			Date: <b>JUL 19 2007</b>	

2. Revise the Hazards to Humans and Domestic Animals to read as follows:

**WARNING.** May be fatal if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash hands with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove contaminated clothing and wash clothing before reuse

3. Based upon the submitted toxicology data, you may choose to delete the "If inhaled" and "If on skin or clothing " advice entries from the FIRST AID section.
4. Revise the Note to Physician to read as follows: Disulfoton is an organophosphate that inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Symptoms include a sense of "tightness" in the chest, sweating, contracted pupils, stomach pains, and vomiting and diarrhea. Atropine sulfate, i.v., is antidotal. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine. Do not give morphine.
5. Replace the first bullet in the Environmental Hazards with the following:

This pesticide is extremely toxic to birds, mammals, fish, and aquatic invertebrates.  
Do not apply directly to water.
6. Under the heading Directions for Use, delete "For best results" before "Be sure to read and follow all label directions." and add "For outdoor residential ornamental use only."
7. In the BEFORE YOU USE block, as the second bullet replace "Food utensils such as teaspoons or measuring cups should not be used for food purposed after use with insecticide" with "Apply only using the special measuring cap. Do not use spoons or other measuring devices."
8. In the BEFORE YOU USE block, add as the third bullet: "Do not apply this product in a way that will contact any person or pet, either directly or through drift. Only persons applying this product may be in the area during application.". As the fourth bullet, add: "Product must be soil incorporated and watered in.". Revise the next bullet "Keep children and pets off treated areas until product is worked into soil, watered, and the treated areas have dried completely." to read "Do not allow people (except the one applying and watering-in the product) or pets to enter the treated area until the product is worked into the soil, watered in, and the treated areas have dried completely."

9. In the HOW MUCH TO USE blocks for all container sizes, delete the two sentences about rounded or level tablespoons. This product must not be applied using spoons or anything other than the special measuring cap..
10. In the HOW TO APPLY block, revise the last sentence to read "For flower beds, sprinkle granules evenly over the bed, cultivate lightly into the soil, and water in thoroughly."
11. Delete the children and pets icon and statement. Pictures of people (children) and pets are not allowed unless the product is registered for use on them. The statement is covered under paragraph 8, above.
12. Replace the heading FOR BEST RESULTS with something like IMPORTANT or YOU MUST. The heading FOR BEST RESULTS could be interpreted to mean one could disregard those directions if one did not particularly care about the results. This product must be soil incorporated and watered in (even using this sentence as the text would be potentially negated by a For Best Results heading).
13. You may delete the second bullet under Environmental Hazards since this is a granular product applied from the original container and soil incorporated.
14. Under Notice add "To the extent permitted by applicable law" to the beginning of the sentence "The buyer assumes responsibility...etc."

A stamped copy of the label is enclosed for your records. Please submit 5 copies of the amended labeling bearing the above revisions when it becomes available.

You may distribute products bearing old labels/labeling for 12 months from receipt of this letter or until your next printing of the label, whichever occurs first.

If you have any questions or comments regarding this letter, please contact George LaRocca at (703) 305-6100 or via e-mail at [larocca.george@epa.gov](mailto:larocca.george@epa.gov).

Enclosure

4/7

[FRONT PANEL]

# Flower, Rose & Shrub Care

READY TO USE  
MEASURING-CUP CAP  
FEEDS PLANTS & KILLS INSECTS

ACCEPTED  
with COMMENTS  
In EPA Letter Dated:

JUL 19 2007

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
72155-49

- Protects Against Insects for 6 weeks
- Provides 6 weeks insect protection
- Kills Lacebugs, Spider Mites and Other Harmful Insects
- Kills Harmful Insects and Spider Mites
- Promotes Development of Roots and Blooms
- Rainproof Protection - Won't Wash Off
- Feeds and protects (against insects) in one (easy) step.
- One application protects for 6 weeks.
- Controls Aphids, Thrips, Whiteflies and Other Insects.
- 100% Satisfaction Guaranteed (or your money back)

FOR USE ON:

- Azaleas, Camellias and Rhododendrons
- Flowering Shrubs, Trees
- Flowers, Roses, Shrubs
- Two-Way Protection
- Promotes Beautiful Roses, Shrubs and Flowers
- Double Action Formula
- Flower, Rose & Shrub Care's exclusive formula protects your plants against insects for up to six weeks and feeds them. Now you can grow beautiful flowers and shrubs in one easy step.
- Contains Di-Syston®
- Flower Rose & Shrub Care's exclusive formula feeds and protects your plants against insects. The insect protection lasts for 6 weeks. Now you can grow beautiful flowers and shrubs in one easy step.

When applied according to directions, Flower, Rose & Shrub Care provides the proper amount of plant food and systemic insecticide necessary to maintain strong, healthy roses. Flower, Rose & Shrub Care protects roses from the damage normally caused by sucking insects (such as aphids, leafhoppers, spider mites and thrips) and certain chewing insects. In addition, Flower, Rose & Shrub Care also provides protection for:

- roses
- flowers
- bedding plants
- ornamental shrubs

ACTIVE INGREDIENT:

Disulfoton ..... 1.00%

OTHER INGREDIENTS

..... 99.00%


Net Contents: 2, 5, 10, and 12 Pounds

**STOP - Read This Label Before Use**  
**KEEP OUT OF REACH OF CHILDREN**  
**For Outdoor Residential Use Only**

## WARNING

See back panel booklet for additional precautionary statements

[OUTSIDE BACK PANEL]

<b>QUICK FACTS (Product Facts)</b>													
<ul style="list-style-type: none"> <li>• Feeds and protects in one easy step</li> <li>• Long-lasting, systemic protection that won't wash off</li> <li>• Easy to use granules</li> </ul>													
<b>KILLS</b>	<p>Art: aphid, birch leafminer, spider mite, whitefly, lacebug</p> <table border="0"> <tr> <td>Aphids</td> <td>Holly leafminers</td> <td>Mimosa webworms</td> <td>Thrips</td> </tr> <tr> <td>Birch leafminers</td> <td>Lacebugs</td> <td>Pine tip moths</td> <td>Whiteflies</td> </tr> <tr> <td>Elm leaf beetles</td> <td>Leafhoppers</td> <td>Spider mites</td> <td></td> </tr> </table>	Aphids	Holly leafminers	Mimosa webworms	Thrips	Birch leafminers	Lacebugs	Pine tip moths	Whiteflies	Elm leaf beetles	Leafhoppers	Spider mites	
Aphids	Holly leafminers	Mimosa webworms	Thrips										
Birch leafminers	Lacebugs	Pine tip moths	Whiteflies										
Elm leaf beetles	Leafhoppers	Spider mites											
<b>FEEDS</b>	<p>16-8-8 fertilizer for strong roots &amp; blooms (optional)          12-18-6 fertilizer for strong roots &amp; blooms (optional)</p>												
<b>COVERAGE</b>	<p>Treats up to 16 medium-sized shrubs (2 lb size)          Treats up to 40 medium-sized roses (5 lb size)</p>												
<b>WHERE TO USE</b>	<p>Azaleas, Camellias, Rhododendrons (optional)          Flowers, roses, shrubs (optional)</p>												
<b>WHEN TO USE</b>	<p>Every 6 weeks throughout the growing season</p>												
<b>HOW MUCH TO USE</b>	<p>Use measuring-cup cap to apply as directed</p>												
	<p>For Questions or comments, call toll-free          1-877-BAYERAG (877) 229-3724 or visit us online at  <a href="http://www.BayerAdvanced.com">www.BayerAdvanced.com</a></p>												

<b>ACTIVE INGREDIENT:</b>	
Disulfoton .....	1.00 %
<b>OTHER INGREDIENTS:</b> .....	99.00 %
	100.00 %

Disulfoton is the chemical name for Di-Syston®

EPA Reg. No. 72155-49

EPA Est. No. XXXX-AA-1

**Flower, Rose & Shrub Care Plant Food Minimum Guaranteed Analysis**

Total Nitrogen (N).....	XX%
Available Phosphoric Acid (P2O5) .....	XX%
Soluble Potash (K2O).....	XX%
Total Available Primary Plant Food, not less than.....	XX%

<b>PRECAUTIONARY STATEMENTS</b>	
<b>Hazards to Humans and Domestic Animals</b>	
<b>WARNING</b>	
<ul style="list-style-type: none"> <li>• Poisoning may occur as a result of exposure.</li> <li>• May be fatal if swallowed.</li> <li>• Avoid breathing dust.</li> <li>• Do not get in eyes, on skin, or on clothing.</li> <li>• Wash thoroughly with soap and water after handling.</li> </ul>	

### FIRST AID

<b>IF SWALLOWED</b>	<ul style="list-style-type: none"> <li>• Call poison center or doctor immediately for treatment advice.</li> <li>• Have person sip a glass of water if able to swallow.</li> <li>• Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul>
<b>IF INHALED</b>	<ul style="list-style-type: none"> <li>• Move person to fresh air.</li> <li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING</b>	<ul style="list-style-type: none"> <li>• Take off contaminated clothing.</li> <li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>IF IN EYES</b>	<ul style="list-style-type: none"> <li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>

**NOTE:** When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call toll-free (877) 229-3763 for medical emergency information. Active ingredient: Disulfoton [CAS # 298-04-4]

**Note to Physician:** Disulfoton is an organophosphate. Prolonged exposure will cause cholinesterase depression. Atropine sulfate is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine.

### Environmental Hazards


- This pesticide is toxic to fish and wildlife. Do not apply directly to water.
- This pesticide is toxic to bees exposed to direct application.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For best results, be sure to read and follow all label directions.


<b>BEFORE YOU USE</b> Read and follow these directions when using:	<ul style="list-style-type: none"> <li>• Do not apply near fish pools, ponds, streams or lakes.</li> <li>• Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with insecticides.</li> <li>• Keep children and pets off treated areas until product is worked into the soil, watered, and the treated areas have dried completely.</li> <li>• Wear rubber gloves when handling.</li> </ul>	
<b>WHEN TO USE</b>	Apply when planting. For established plants, use any time after new growth appears. Apply again every 6 weeks during the growing season.	
<b>HOW MUCH TO USE</b> <b>For 2 and 5 lb. size</b> Fill measuring cap to top of inner circle (2 oz). Four rounded tablespoons equals 2 oz	Azaleas, Camellias, & Rhododendrons:	2 capfuls per foot of plant height
	Roses:	1 capful per plant
	Shrubs:	2 capfuls per foot of plant height
	Flower beds:	2 capfuls per 12 sq ft (3' x4' bed area)
<b>For 10 and 12 lb. size</b> Fill measuring cap to top of inner circle (1oz.). 2.5 level tablespoons equals 1 oz.	Azaleas, Camellias, & Rhododendrons:	4 capfuls per foot of plant height
	Roses:	2 capful per plant
	Shrubs:	4 capfuls per foot of plant height
	Flower beds:	4 capfuls per 12 sq ft (3' x4' bed area)
<b>HOW TO APPLY</b>	<ol style="list-style-type: none"> <li>1. Apply granules to soil around base of plant, sprinkling evenly in the area under the branches. (ART)</li> <li>2. Work granules into top 1 to 2 inches of soil. (ART)</li> <li>3. Water thoroughly after applying. (ART)</li> </ol> For flower beds, sprinkle granules evenly over the bed.	

<b>RESTRICTIONS</b>	<p>Use this product only in accordance with label directions</p> <ul style="list-style-type: none"> <li>• Do not apply using body mounted spreaders (i.e. belly grinders)</li> <li>• Do not apply broadcast applications</li> <li>• Do not apply in greenhouses or on home vegetable gardens.</li> </ul>
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	Children and pets may re-enter after the treated area has been watered and allowed to dry.
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<b>HOW IT WORKS</b>	This product is absorbed by roots and moves through the entire plant. Even new growth is protected against insects for up to 6 weeks. Rain or watering cannot wash off this internal protection.
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<b>FOR BEST RESULTS</b>	
Apply evenly, cultivate lightly and water thoroughly.	

<b>IMPORTANT: Directions for Storage and Disposal</b>	
Storage Conditions:	Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.
Disposal:	<div style="display: flex; align-items: center;">  <div> <p><b>If Empty:</b></p> <ul style="list-style-type: none"> <li>▪ Do not reuse this container.</li> <li>▪ Place empty container in trash or offer for recycling if available.</li> </ul> <p><b>If partly filled:</b></p> <ul style="list-style-type: none"> <li>▪ Call your local solid waste agency or toll-free 877-229-3724 for disposal instructions.</li> <li>▪ Never place unused product down any indoor or outdoor drain.</li> </ul> </div> </div>

<b>NOTICE</b>
<p>Research and testing has determined that the "Directions for Use" are appropriate for the proper use of Flower, Rose &amp; Shrub Care under expected conditions.</p> <p>The Buyer assumes responsibility for lack of performance or safety if the product is not used according to the directions on this label.</p>

Money Back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.



[www.bayeradvanced.com](http://www.bayeradvanced.com)

A Business Unit of Bayer CropScience LP  
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Research Triangle Park, North Carolina 27709

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