
	<p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p><b>NOTICE OF PESTICIDE:</b> <u>  x  </u> Registration <u>      </u> Reregistration  (under FIFRA, as amended)</p>	EPA Reg. Number:  3125-588	Date of Issuance:  JUL 8 2002
		Term of Issuance: Unconditional	
		Name of Pesticide Product: Merit 2.5 G Ornamental Insecticide •	
Name and Address of Registrant (include ZIP Code):  Bayer Corporation Agriculture Division 8400 Hawthorn Road P.O. Box 4913 Kansas City, MO 64120-0013 attn: Julie M. Spagnoli			
<p><b>Note:</b> 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.</p>			
<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.</p> <p>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>This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3)(c)(2)(B).</p> <p>1. Revise the EPA Registration Number to read, "EPA Reg. No. 3125-588"</p>			
Signature of Approving Official:    Dani Daniel Insecticide-Rodenticide Branch Registration Division (7505C)		Date:  JUL 8 2002	

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2. Submit two (2) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records. If you have any questions regarding this notice, please contact me at (703) 305-5409.

Enclosure:

# Merit® 2.5 G

## Ornamental Insecticide

For systemic insect control in ornamental plants.

### ACTIVE INGREDIENT:

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-  
-N-nitro-2-imidazolidinimine ..... 2.5%

OTHER INGREDIENTS ..... 97.5%  
100.0%

EPA Reg. No. 3125-xxx

Net Contents: 4 Pounds

EPA Est. No. 5905-IA-1

**STOP - Read the label before use.**  
**Keep out of reach of children.**

## CAUTION

### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Harmful if swallowed or absorbed through skin.  
Causes eye irritation. Avoid contact with skin, eyes, or clothing.

FIRST AID	
If in eyes	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. 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>
If swallowed	<ul style="list-style-type: none"> <li>Call a poison control 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 a poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If on skin or clothing	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15 to 20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
<p>In case of emergency call toll free the Bayer Kansas City Emergency Response Telephone No. 800-414-0244. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p><b>Note To Physician:</b> No specific antidote is available. Treat the patient symptomatically.</p>	

### ENVIRONMENTAL HAZARDS

This product is highly toxic to aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

Do not contaminate water when disposing of equipment washwaters.

This chemical demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated:**  
JUL 8 2002

*Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under EPA Reg. No.  
3125-xxx*

PRO FACTS	
<ul style="list-style-type: none"> <li>• Easy To Use Granules</li> <li>• Stops and Prevents Insect Damage</li> <li>• No phytotoxicity on a wide range of ornamentals</li> <li>• Low Odor</li> </ul>	
<b>MERIT 2.5 G</b>	• Granules containing 2.5% imidacloprid
<b>CONTROLS</b>	<ul style="list-style-type: none"> <li>• Sucking insect pests.</li> <li>• Aids in ant management.</li> </ul>
<b>WHERE TO APPLY</b>	• Shrubs and small trees (less than 8 ft tall).
<b>COVERAGE</b>	• Treats up to 42 shrubs or trees.
<b>MIXING INFORMATION</b>	• Ready-To-Use granules – no mixing necessary.
<b>HOW TO APPLY</b>	<ul style="list-style-type: none"> <li>• Spread directly beneath plant at base.</li> <li>• Use easy measuring cup to apply as directed.</li> </ul>
<b>RE-APPLY</b>	• At 4 – 8 week intervals.
<b>QUESTIONS</b>	For questions or comments, call toll-free 1 800 842-8020 <a href="http://www.bayerprocentral.com">www.bayerprocentral.com</a>

DIRECTIONS FOR USE
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
<b>IMPORTANT:</b> Read entire label and Conditions of Sale before using this product.

ORNAMENTAL PESTS	
<p>MERIT 2.5 G Ornamental Insecticide is for use on ornamental shrubs and small trees in outdoor landscapes and interior plantscapes. MERIT 2.5 G is a systemic product and will be taken up by the roots and translocated upward within the plant system. Therefore watering after application makes the product more available for uptake.</p> <p>Systemic activity using this soil application treatment method can be delayed until the active ingredient is translocated throughout the plant. For this reason, applications work best when made prior to pest infestation or before pest populations become severe.</p>	
PESTS CONTROLLED	
Alegeids Aphids Black vine weevil (larvae in soil) Japanese beetle (adults) Lace bugs	Leaf beetles (including Elm leaf and Viburnum leaf beetles) Leafhoppers Psyllids Whiteflies
<b>WHERE TO APPLY</b>	• Shrubs and small trees in outdoor landscapes and interior plantscapes
Continued in next column	

ORNAMENTAL PESTS (continued)	
<b>USE RATE</b>	<ul style="list-style-type: none"> <li>• Select rate according to height of shrub or tree: Up to 4 ft.- use 1/4 to 1/2 cup 4 to 8 ft.- use 1/2 to 1 cup</li> <li>• Use high rate for initial treatment and lower rates for re-applications, if needed.</li> <li>• Not recommended for shrubs or trees greater than 8 feet tall. Instead use soil applications of other MERIT products approved for use on shrubs and trees.</li> </ul>
<b>HOW TO APPLY</b>	• Spread appropriate rate evenly around the base of plant under foliage.
<b>WHEN TO APPLY</b>	<ul style="list-style-type: none"> <li>• When pests are seen or found.</li> <li>• Re-apply as needed based on pest re-infestation or at 4 – 8 week intervals.</li> </ul>
<b>FOR BEST RESULTS</b>	<ul style="list-style-type: none"> <li>• Apply early before pest populations become severe.</li> <li>• Irrigation or rainfall should occur shortly after application.</li> <li>• Pull back mulch and weed barrier before application.</li> <li>• Avoid application to frozen or water-logged areas, as this may decrease the product's effectiveness.</li> </ul>
<b>ANT MANAGEMENT</b>	• Use MERIT 2.5 G to control aphids and other sucking pests on ornamentals to limit the honeydew available as a food source for ant populations. MERIT applications can then be supplemented with residual sprays, bait placements or other ant control tactics to further reduce pest populations.
<b>RESTRICTIONS</b>	<ul style="list-style-type: none"> <li>• Do not apply near fish pools, ponds, streams or lakes.</li> <li>• Do not use in vegetable gardens.</li> <li>• Treated areas may be replanted with any crop for which a tolerance exists for the active ingredient. For other crops, a 12-month plant back interval should be observed.</li> <li>• Not for use in commercial greenhouses or nurseries, or on commercial fruit and nut trees.</li> <li>• Do not apply to soils which are water-logged, or saturated which will not allow the penetration of water into the root zone of the plants.</li> </ul>
<b>Note:</b> 1 level cup is approximately 6 ounces MERIT 2.5 G.	

**STORAGE AND DISPOSAL****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, or feed.
- Store in original containers and out of the reach of children, preferably in a locked storage area.
- Handle and open container in a manner as to prevent spillage.

**Pesticide Disposal:**

- Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
- Improper disposal of excess pesticide is a violation of Federal law.

**Container Disposal:**

- **Do not** use container in connection with food, feed, or drinking water.
- Completely empty container into application equipment. Then dispose of empty container in a sanitary landfill, or by incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

**Spills:**

If the container is leaking or material is spilled for any reason or cause, 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 as directed for pesticides above, or apply uncontaminated product according to **Directions For Use**.
- Keep unauthorized people away.
- You may contact the Bayer Emergency Response Team for decontamination procedures or any other assistance at 800-414-0244 or contact Chemtrec at 800-424-9300.

**CONDITIONS OF SALE. Read Before Using.**

- THE DIRECTIONS ON THIS LABEL WERE DETERMINED THROUGH RESEARCH TO BE APPROPRIATE FOR THE CORRECT USE OF THIS PRODUCT.
- THIS PRODUCT HAS BEEN TESTED UNDER DIFFERENT ENVIRONMENTAL CONDITIONS BOTH INDOORS AND OUTDOORS SIMILAR TO THOSE THAT ARE ORDINARY AND CUSTOMARY WHERE THE PRODUCT IS TO BE USED.
- INSUFFICIENT CONTROL OF PESTS OR PLANT INJURY MAY RESULT FROM THE OCCURRENCE OF EXTRAORDINARY OR UNUSUAL CONDITIONS, OR FROM FAILURE TO FOLLOW LABEL DIRECTIONS.
- IN ADDITION, FAILURE TO FOLLOW LABEL DIRECTIONS MAY CAUSE INJURY TO ANIMALS, MAN, AND DAMAGE TO THE ENVIRONMENT. BAYER OFFERS, AND THE BUYER ACCEPTS AND USES, THIS PRODUCT SUBJECT TO THE CONDITIONS THAT EXTRAORDINARY OR UNUSUAL ENVIRONMENTAL CONDITIONS, OR FAILURE TO FOLLOW LABEL DIRECTIONS ARE BEYOND THE CONTROL OF BAYER AND ARE, THEREFORE, THE RESPONSIBILITY OF THE BUYER.

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