

432-1456

07-28-2006

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U.S. ENVIRONMENTAL PROTECTION AGENCY

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

EPA Reg.
Number:

432-1456

Date of Issuance:

Term of Issuance: **Conditional**

Name of Pesticide Product:

Merit 0.22G Plant Treatment

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Ms. Robyn Kneen
Bayer Environmental Science
2 T.W. Alexander Drive
Research Triangle Park, NC 27709

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). 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).

- 1. Revise the EPA Registration Number to read, EPA Reg. No. 432-1456".

Signature of Approving Official:

Dani Daniel
Insecticide-Rodenticide Branch
Registration Division (7505C)

Date:

JUL 28 2006

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2. Submit the data requirements for storage stability and corrosion characteristics studies within 18 months of the date of this notice.

Submit two copies of your final printed labeling before you release the product for shipment incorporating the changes above. Release of this product for shipment constitutes your acceptance of these terms and 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:



Bayer Environmental Science

FRONT PANEL

Merit[®] 0.22G Plant Treatment

- | | |
|---|---|
| Protects against insects for 8 weeks | Promotes strong roots and beautiful blooms |
| Long lasting, effective protection | Rainproof Protection |
| Protects [plants from damaging insects] for up to 2 months | Ready-To-Use Granules |
| Defends houseplants against insects | For indoor and outdoor plants |
| Systemic insect protection for your plants | No spraying...no mess |
| For use in potted plants | Protects against insect infestations |
| Protects plants from damage by: Aphids, Whiteflies,
Mealybugs, Scale, and other listed insects | Use in potted plants indoors [and outdoors] |
| | Highly effective, lasting protection |

ACTIVE INGREDIENT:	
Imidacloprid.....	0.22 %
OTHER INGREDIENTS:	99.78 %

EPA Reg. No. 432-XXX	EPA Est. No.
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NET CONTENTS:

**STOP - READ THIS ENTIRE LABEL BEFORE USE
KEEP OUT OF REACH OF CHILDREN**

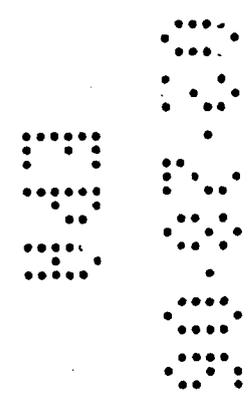
CAUTION

See back panel [booklet] for additional
Precautionary statements and Directions for Use

Not for sale, sale into, distribution and or use in Nassau, Suffolk, Kings, and Queens counties of New York.

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
JUL 28 2006**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under EPA Reg. No.
432-1456**



BACK PANEL

FOR RESIDENTIAL USE ONLY

ACTIVE INGREDIENT:

Imidacloprid 0.22 %

OTHER INGREDIENTS:

..... 99.78 %

EPA Reg. No. 432-XXX

EPA Est. No.

FIRST AID

IF SWALLOWED	<ul style="list-style-type: none"> • Call poison center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
<p>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 TollFree 1-877-229-3763 for medical emergency information. Active Ingredient: 0.22% Imidacloprid [*CAS # 138261-41-3].</p>	

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. Washing hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco will reduce exposure.

ENVIRONMENTAL HAZARDS

- This pesticide is toxic to aquatic invertebrates. Do not apply directly to lakes, streams, rivers or ponds.
- Do not dump rinse water into sewers or other bodies of water.
- Apply this product only as specified on this label.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

For best results, read and follow all label directions.

BEFORE YOU USE

Do not use in vegetable gardens.

Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with insecticides.

KILLS: Adelgids, Aphids, Armored Scales (suppression), Fungus Gnat Larvae, Japanese Beetle Adults, Lace bugs, Leaf Beetles, (including Elm Leaf, Viburnum Leaf, and Lily Leaf Beetles), Leafhoppers (including Glassy-winged Sharpshooter), Leafminers, (including Birch and Boxwood Leafminers), Mealybugs, Pine Tip Moth Larvae, Plant bugs, Psyllids, Root Weevil Larvae (including black vine weevils), Sawfly Larvae, Soft Scales (including lobate lac scales), Thrips (suppression), Whiteflies, White Grub larvae (such as Japanese Beetles, Chafer, European Chafer, Oriental Beetle, Asiatic Garden Beetle)

WHERE TO USE: Roses, Flowers, Shrubs, and Containerized Plants, except edible plants.

WHEN TO USE: Apply when planting. For established plants, use any time prior to pest problems or immediately when seen. Apply again every 8 weeks during the growing season.

HOW MUCH TO USE

Plants	Amount of Product Needed*	(g/AI)
2 lbs treats up to 16 medium-size roses.		
Roses	¼ cup per plant	(0.12)
Flowers	¼ cup per 50 sq ft (5'x10' bed area)	(0.12)
Shrubs	½ cup per foot of plant height	(0.24)

Containerized Plants/Size	Amount of Product Needed*	(g/AI)
8 oz. treats up to six- 6 inch potted plants.		
1 gallon	2.5 Tablespoons	(0.077)
2 gallon	½ cup	(0.193)
3 gallon	½ cup	(0.23)
5 gallon	¾ cup	(0.345)
10 gallon	1½ cup	(0.69)
15 gallon	2 cups	(1.04)
	or	or
or	2.5 teaspoons	(0.025)
4 inch	1.5 Tablespoons	(0.05)
5 inch	2.5 Tablespoons	(0.075)
6 inch	⅓ cup	(0.1)
8 inch	¼ cup	(0.15)
10 inch	⅓ cup	(0.2)
12 inch	¼ cup	(0.3)
16 inch	½ cup	

* (Carrier used for volumetric measurement is DH-46) (Values will vary with carrier density).

HOW TO APPLY: Apply the required amount of granules evenly on top of soil, mix thoroughly into the top soil layer, being careful not to damage the upper roots, then water in thoroughly. For flower beds, sprinkle granules evenly over bed.

FOR BEST RESULTS: Apply evenly, cultivate lightly and water thoroughly.

For containerized plants, avoid flushing through the container to the point where it flows out the bottom for the first 10 days. Work granules into top 1 to 2 inches of soil.

HOW IT WORKS: This product is absorbed by roots and moves through the entire plant. Even new growth is protected against insects for up to 8 weeks. Rain or watering cannot wash off this internal protection.

Storage and Disposal

Storage Conditions: Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet. Protect from freezing.

Pesticide Disposal: If Empty: Do not reuse empty container, Place in trash. **If Partly Filled:** It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please call your local solid waste agency or you may call toll-free 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

IMPORTANT: READ BEFORE USE

IMPORTANT: Read the entire Directions For Use before using this product. If terms are not acceptable, return the unopened product container at once. **Disclaimer:** Manufacturer warrants that this product conforms to the chemical description on the label and is reasonably fit for the specific purposes referred to in the Directions for Use, subject to the inherent risks referred to above. **MANUFACTURER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.** In no case shall Manufacturer be liable for consequential, special or indirect damages resulting from the use, handling or application of this product. In any case, Manufacturer at its discretion shall only be liable for the replacement of the product or refund of the purchase price.



For PRODUCT USE Questions or Comments Call toll-free (1-800-xxx-xxxx) or visit us on-line at www.XXX.com.



Bayer Environmental Science

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

Merit 0.22G Plant Treatment (PENDING) Submitted 02/23/06