

C 432-1456 8.11.20(10)

1/6



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

AUG 11 2010

Mr. Gregory C. Mattern  
Bayer Environmental Science  
P.O. Box 12014, 2 T W. Alexander Drive  
Research Triangle Park, NC 27709

Subject: Notification of Container Disposal Label Update

Dear Mr. Mattern:

The Agency is in receipt of your Application(s) for Pesticide Notification under Pesticide Registration Notice (PRN) 2007-4 dated July 14, 2010 for:

**EPA Registration 432-1456**

**EPA Registration 432-1472**

**Merit 0.22G Plant Treatment**

**Merit 1.1% Insecticide**

The Registration Division (RD) has conducted a review of this request for applicability under PRN 2007-4 and finds that the label change(s) requested falls within the scope of PRN-2007-4. The label has been date-stamped "Notification" and will be placed in our records.

If you have any questions, call me at 703 305-5409 or electronically at [daniel.dani@epa.gov](mailto:daniel.dani@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to be "Dani Daniel".

Dani Daniel  
Registration Division (7504P)  
Insecticide/Rodenticide Branch



FRONT PANEL

NOTIFICATION <sup>3/6</sup>

AUG 11 2010

# Merit® 0.22G Plant Treatment

Protects against insects for 8 weeks  
 Long lasting, effective protection  
 Protects [plants from damaging insects] for up to 2 months  
 Defends houseplants against insects  
 Systemic insect protection for your plants  
 For use in potted plants  
 Protects plants from damage by: Aphids, Whiteflies,  
 Mealybugs, Scale, and other listed insects

Promotes strong roots and beautiful blooms  
 Rainproof Protection  
 Ready-To-Use Granules  
 For indoor and outdoor plants  
 No spraying...no mess  
 Protects against insect infestations  
 Use in potted plants indoors [and outdoors]  
 Highly effective, lasting protection

**ACTIVE INGREDIENT:**

Imidacloprid ..... 0.22 %

**OTHER INGREDIENTS:** ..... 99.78 %

EPA Reg. No. 432-1456

EPA Est. No.

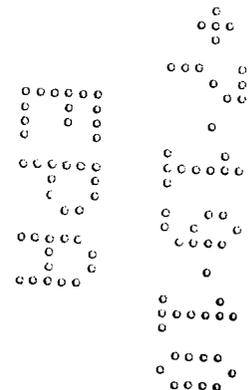
NET CONTENTS:

**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.



4/6

BACK PANEL

FOR RESIDENTIAL USE ONLY

ACTIVE INGREDIENT:

Imidacloprid ..... 0.22 %

OTHER INGREDIENTS: ..... 99.78 %

EPA Reg. No. 432-1456

EPA Est. No.

FIRST AID

IF SWALLOWED	<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>
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 15-20 minutes.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
IF IN EYES	<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 TollFree 1-877-229-3763 for medical emergency information. Active Ingredient: 0.22% Imidacloprid [\*CAS # 138261-41-3].

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

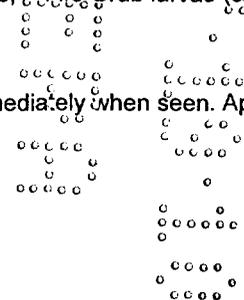
Do not use in vegetable gardens.

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, Chafers, 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 2 lbs treats up to 16 medium-size roses.	Amount of Product Needed*	(g/AI)
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 8 oz. treats up to six- 6 inch potted plants.	Amount of Product Needed*	(g/AI)
	2.5 Tablespoons	(0.077)
1 gallon	⅓ cup	(0.193)
2 gallon	½ cup	(0.23)
3 gallon	¾ cup	(0.345)
5 gallon	1 ⅓ cup	(0.69)
10 gallon	2 cups	(1.04)
15 gallon	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	½ cup	(0.3)
16 inch		

\*(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.

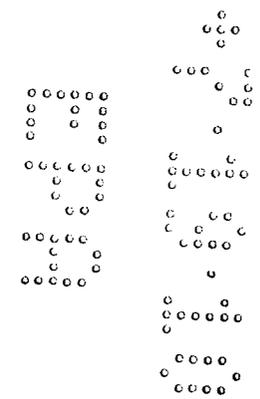
For containerized plants, avoid flushing through the container to the point where it flows out the bottom for the first 10 days. Work granules into top 1 to 2 inches of soil.

**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:** Non-refillable container. Do not refill or reuse empty container, Place in trash or offer for recycling if available. **If Partly Filled:** Call your local solid waste agency or toll-free 1-877-229-3724 for disposal instructions. Never place unused product down any indoor or outdoor drain.



6/6

**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](http://www.XXX.com).



**Bayer Environmental Science**

A Business Group of Bayer CropScience LP  
Bayer Environmental Science  
P.O. Box 12014, 2 T.W. Alexander Drive  
Research Triangle Park, North Carolina 27709

Merit 0.22G Plant Treatment (MASTER) Approved 07/28/06, Notification 07/14/10

