

3125-508

6-18-2001

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 05-31-98



United States Environmental Protection Agency Washington, DC 20460

Registration Amendment Other (checked)

OPP Identifier Number 257821

Application for Pesticide - Section I

1. Company/Product Number: 3125-508
2. EPA Product Manager: Dani Daniel
3. Proposed Classification: None (checked), Restricted
4. Company/Product Name: Merit 0.2 Granular Insecticide
5. Name and Address of Applicant: Bayer Corporation, Agriculture Division, 8400 Hawthorn Road, P.O. Box 4913, Kansas City, MO 64120-0013
6. Expedited Review: In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. Product Name

Section - II

Amendment - Explain below. Resubmission in response to Agency letter dated. Notification - Explain below. Final printed labels in response to Agency letter dated. "Me Too" Application. Other - Explain below. NOTIFICATION JUN 18 2001

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

See Attachment

Section - III

1. Material This Product Will Be Packaged In: Child-Resistant Packaging, Unit Packaging, Water Soluble Packaging, 2. Type of Container: Metal, Plastic, Glass, Paper, Other. 3. Location of Net Contents Information: Label, Container. 4. Size(s) Retail Container. 5. Location of Label Directions: On Label, On Labeling accompanying product. 6. Manner in Which Label is Affixed to Product: Lithograph, Paper Glued, Stenciled, Other.

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) Name: Scott A. Kohne, Title: Senior Registration Scientist, Telephone No.: (816) 242-2164

Certification: I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. 2. Signature: Julie M. Spagnoli, 3. Title: Director, Federal Regulatory Affairs, 4. Typed Name: Julie M. Spagnoli, 5. Date: June 13, 2001, 6. Date Application Received (Stamped)

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Merit 0.2 Granular Insecticide
EPA Reg. No. 3125-508
June 13, 2001

NOTIFICATION
JUN 18 2001

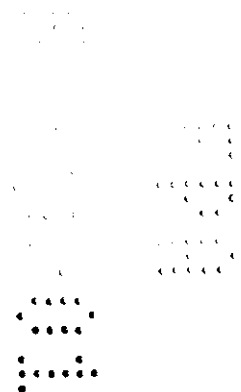
Section II - Explanation

With this submission Bayer Advanced LLC is submitting Notification of added pests to the registration of **Merit 0.2 Granular Insecticide, EPA Reg. No. 3125-508**. The identified additional pests do not increase exposure and do not change the dosage, concentration, frequency or method of application to the specified square footage of turf on this label. The enclosed additional pests are being provided to the Agency in accordance with PR Notice 98-10, Notifications, Non-Notifications and Minor Formulation Amendments.

Currently, the label lists the pests White Grubs (larvae of Chafers and Japanese Beetles) and Mole Crickets. We have expanded the types of White Grubs to include Larvae of Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafers, Japanese Beetle, May or June Beetles, and Oriental Beetle.

One copy of the revised label, highlighted with changes, is enclosed for the Agency files.

This notification is consistent with the provision of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. Bayer understands it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. Bayer also understands that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and Bayer Corporation may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.



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508-9437a.BLD

Base Pre-Reg (9437)

U.S. LABEL

Reason to Issue: To add white grubs sub-group

Date of Pre-Reg Draft: 01/31/00 (K)

[FRONT PANEL]

Merit[®] 0.2 Granular Insecticide

NOTIFICATION

JUN 18 2001

READY TO USE

Kills White Grubs and Mole Crickets

For Use On: Lawns, Ground Covers, Flower Beds, and Around Trees & Shrubs

- One Application Kills White Grubs and Mole Crickets All Season Long
- Kills White Grubs and Mole Crickets Early, Before They Damage Your Lawn

(ART: treated lawn, untreated lawn)

- Season-Long Grub Control
- One Application Stops Grubs All Season Long
- Apply Anytime Spring Through Late Summer

Ingredients

ACTIVE INGREDIENT:

Imidacloprid 0.2%

OTHER INGREDIENTS 99.8%

Net Contents: 14.35 lbs (28.7 lbs) TREATS 5,000 (10,000) SQ FT

STOP - Read This Entire Label Before Use

KEEP OUT OF REACH OF CHILDREN

FOR OUTDOOR RESIDENTIAL USE

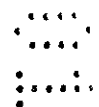
CAUTION

See back panel for ingredients and precautionary statements

**Quick Facts
(Product Facts)**

[BACK PANEL]

<p>Easy-To-Use Granules Kills Mole Crickets and White Grubs Early, Before They Damage The Lawn One Application Kills Mole Crickets and White Grubs</p>
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MERIT 0.2 Granular Insecticide

KILLS	White Grubs (ART: WHITE GRUB) (including larvae of Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafers, Japanese Beetle, May or June Beetle, and Oriental Beetle) Mole Crickets (ART: MOLE CRICKET)
COVERAGE	This bag covers 5,000 sq ft (14.35 lb bag) (white grubs) 3,775 sq ft (mole crickets)
WHERE TO USE	Lawns, ground covers, flower beds, around trees and shrubs
WHEN TO USE	May through mid-August
HOW MUCH TO USE	See spreader settings
(ART: GRAPHIC OF PHONE)	Questions or comments, call toll-free (877) 229-3725 www.AdvancedLawn.com

Ingredients

ACTIVE INGREDIENT:

Imidacloprid	0.2%
OTHER INGREDIENTS*	99.8%
	100.0%

* Other ingredients include: Corn cob granules and dipropylene glycol (to adhere the active ingredient on the granules).

EPA Reg. No. 3125-508

EPA Est. No. XXXX-AA-XX

**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.
Wash thoroughly with soap and water after handling.

First Aid

IN THE CASE OF ACCIDENTAL...	IMMEDIATELY...
Swallowing	Call a doctor or poison control center for treatment advice
Contact with eyes	Hold eye open and rinse eye slowly and gently with water. Continue to rinse eye for 10 to 15 minutes. Call a doctor if irritation persists.
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: Imidacloprid (CAS # 138261-41-3)	

Environmental Hazards

This pesticide is highly toxic to aquatic invertebrates. Do not apply directly to water. Do not contaminate water when cleaning equipment or disposing of equipment washwater. Apply this product only as specified on this label.

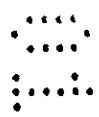
DIRECTIONS FOR USE

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

Read and follow these directions when using.

- Do not apply near fish pools, ponds, streams or lakes.
- Do not use in vegetable gardens.



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MERIT 0.2 Granular Insecticide

How to Use

TO CONTROL	WHEN TO APPLY
Grubs	Apply <i>once</i> anytime from May through mid-August.
Mole Crickets	Apply <i>once</i> anytime from mid-May through mid-June. Florida residents: Apply once anytime between early April through early May.

For best results, apply MERIT 0.2 Granular Insecticide before grubs or mole crickets hatch. Contact your County Extension Agent for the ideal dates to apply in your area.

LAWNS

How Much: See Spreader Settings

Adjust spreader to the proper setting (see Spreader Settings). (ART)	To be sure you cover the entire area uniformly, first treat the border of the lawn then fill in the center. Make parallel passes, walking at a steady pace to ensure even distribution of the granules. (ART)	Water thoroughly after applying. (ART)
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FLOWER BEDS, GROUND COVERS, TREES & SHRUBS

How Much: 2 Tablespoons per 10 sq ft of planting bed. 1-1/4 cups per 100 sq ft of planting bed.

Spread granules evenly to the soil over flower beds, ground cover plantings, shrub beds and under trees. Tip: A hand-held spreader makes this easy. (ART)	Rake granules into the soil around plants.	Water thoroughly after applying.
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Children and pets may re-enter after the treated area has been watered and allowed to dry.

FOR BEST RESULTS

- Apply early, before grubs and mole crickets hatch.
- Water thoroughly within 24 hours after applying.
- Do not mow until the granules are watered into the soil.
- Avoid applying MERIT 0.2 Granular Insecticide to waterlogged areas, as this may decrease the product's effectiveness.
- You may spread MERIT 0.2 Granular Insecticide over soil or mulch. If present, remove weed barrier before applying.



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MERIT 0.2 Granular Insecticide

SIGNS OF DAMAGE TO LAWNS (grubs)

White grubs cause extensive damage to lawns by feeding on grass roots. Grass turns yellow, then brown and dies. Grubs chew off roots so that the grass is easily pulled up in pieces with your hands. You can roll it back like a carpet to reveal the grubs. If patches of dead grass appeared in your lawn late last summer, check for grubs.

SIGNS OF DAMAGE TO LAWNS (mole crickets)

Mole crickets often cause extensive damage by tunneling through lawns. Some species also feed on roots. Tunneling uproots the grass so it easily dries out. Lawns turn yellow, become thin, weedy and can eventually die.

HOW IT WORKS

After MERIT 0.2 Granular Insecticide granules are watered in, a protective zone is formed in the soil. If applied early, MERIT 0.2 Granular Insecticide kills grubs and mole crickets when they hatch...before they can cause damage.

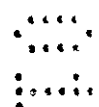
Spreader Settings

If your spreader is not listed, please call our Consumer Service Hotline toll-free (877) 229-3725 for help.

Rate for Grubs: 2.87 lbs per 1,000 sq ft

Rate for Mole Crickets: 3.8 lbs per 1,000 sq ft

SPREADER	SETTING*	
	To Deliver 2.87 lbs per 1,000 sq ft	To Deliver 3.8 lbs per 1,000 sq ft
Vigoro Drop Vigoro Rotary Sta-Green Drop Sta-Green Rotary Bandini Ev-N-Spread Rotary Ortho Drop Ortho Rotary Precision Drop Precision Rotary Quaker Rotary Republic EZ Drop Republic EZ Grow Republic EZ Rotary Scotts Drop Scotts Accugreen Scotts Easygreen Scotts Evengreen Scotts Speedy Green True Temper Rotary ADD: NEW TWO-IN-ONE SPREADERS	Spreader Settings to be determined	Spreader Settings to be determined
Settings are approximate. The condition of your spreader, the speed at which you walk and uneven terrain may affect the rate of application. Calibrate your spreader according to manufacturer's directions. Tip: 1000 sq ft = 20 ft x 50 ft Do not use a spreader that applies granules in narrow, concentrated, or uneven bands. Be sure the spreader works properly and spreads granules evenly.		



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MERIT 0.2 Granular Insecticide

STORAGE AND DISPOSAL
IMPORTANT: Directions for
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.

Disposal Do not contaminate water, food, or feed by storage or disposal.
Do not reuse empty product bags.
Securely wrap the empty product bag in several layers of newspaper
place bag in trash.

Important: It is best to use all of the product in accordance with label directions. If it is necessary to dispose of unused product, please follow any applicable state or local guidelines.

NOTICE

Research and testing has determined that the "Directions for Use" are appropriate for the proper use of MERIT 0.2 Granular Insecticide under expected conditions.

The Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

