



United States
Environmental Protection Agency
Washington, DC 20460

 Registration
 Amendment
 Other

OPP Identifier Number
237230

Application for Pesticide - Section I

1. Company/Product Number 3125-508	2. EPA Product Manager Dani Daniel	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product Name Ment 0.2 Granular Insecticide	PM#	
5. Name and Address of Applicant (Include ZIP Code) Bayer Corporation, Agriculture Division 8400 Hawthorn Road, P.O. Box 4913 Kansas City, MO 64120-0013 <input type="checkbox"/> Check, if this is a new address	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

<input type="checkbox"/> Amendment - Explain below.	Final printed labels in response to Agency letter dated _____ "Me Too" Application. Other - Explain below.	NOTIFICATION MAY 16 2002
<input type="checkbox"/> Resubmission in response to Agency letter dated _____		
<input checked="" type="checkbox"/> Notification - Explain below.		

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:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted	If "Yes" Unit Packaging wgt..	No. Per Container			
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper Glued <input type="checkbox"/> Stenciled <input type="checkbox"/> 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. (include Area Code) (316) 242-2164
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)
2. Signature <i>Scott A. Kohne FOR</i>	3. Title Director, Federal Regulatory Affairs	
4. Typed Name Julie M. Spagnoli	5. Date May 8, 2002	

Merit 0.2 Granular Insecticide
EPA Reg. No. 3125-508
May 8, 2002

Section II - Explanation

With this application, Bayer Corporation is submitting a Notification to modify a previously accepted target pest for **Merit 0.2 Granular Insecticide, EPA Reg. No. 3125-508**. The enclosed minor text change is being provided to the Agency in accordance with PR Notice 98-10, II, B "Adding or Deleting Pests". One copy of the revised label, highlighted with changes, is enclosed for the Agency files.

The targeted pest "European crane fly" has been modified on the enclosed label to state "European crane fly larvae". We are making this modification to clarify the stage of the targeted pest the product is to be applied against. The current "Directions for Use" accurately describe the use pattern for the larvae stage of the European crane fly.

This notification is consistent with the provision of PR Notice 98-10 and EPA regulations at 40 CFR 152.46. No other changes have been made to the labeling or the Confidential Statement of Formula of this product. I understand that it is a violation of 18 U.S.C. sec. 1001 to willfully make any false statement to the EPA. I further understand 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.

Merit[®] 0.2 Granular

Insecticide

- READY TO USE
- Kills White Grubs, Mole Crickets and European Crane Fly Larvae
- For Use On: Lawns, Ground Covers, Flower Beds, and Around Trees & Shrubs
- One Application Kills White Grubs, Mole Crickets and European Crane Fly Larvae All Season Long
- Kills White Grubs, Mole Crickets and European Crane Fly Larvae Early, Before They Damage Your Lawn
(ART: treated lawn, untreated lawn)
- Season-Long Grub Control
- One Application Stops/Kills Grubs All Season Long
- Apply Anytime Spring Through Late Summer
- Contains Merit[®]
- Also kills Mole Crickets and European Crane Fly Larvae

NOTIFICATION

MAY 16 2002

ACTIVE INGREDIENT:

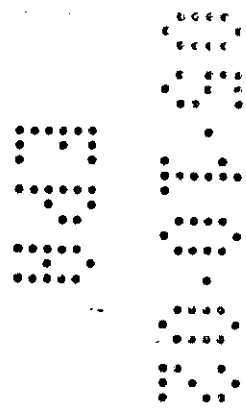
Imidacloprid	0.2%
OTHER INGREDIENTS	99.8%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION



See Back Panel for Additional Ingredients and Precautionary Statements



[BACK PANEL]

MERIT 0.2 GRANULAR INSECTICIDE kills grubs all season long with a single application. Keeping your lawn free of damaging grubs has never been easier.

READ THE LABEL FIRST!

QUICK FACTS	
<ul style="list-style-type: none"> • Easy-To-Use Granules • Kills Mole Crickets, European Crane Fly Larvae and White Grubs Early, Before They Damage the Lawn • One Application Kills Mole Crickets, European Crane Fly Larvae and White Grubs 	
KILLS	<p>White Grubs (including larvae of Asiatic Garden Beetle, Black Turfgrass Ataenius, Chafer, Japanese Beetle, May or June Beetle, and Oriental Beetle) (ART: WHITE GRUB)</p> <p>Mole Crickets (ART: MOLE CRICKET)</p> <p>European Crane Fly Larvae (ART: EUROPEAN CRANE FLY LARVAE)</p>
COVERAGE	<p>This bag covers up to 5,000 sq ft (14.35 lb bag) (white grubs & European Crane Fly Larvae)</p> <p>3,775 sq ft (mole crickets)</p>
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
 	For questions or comments, call toll-free 1-877-BayerAL, or visit our website at www.BayerAdvanced.com

FOR OUTDOOR RESIDENTIAL USE ONLY

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).

Imidacloprid is the chemical name for Merit® insecticide.

EPA Reg. No. 3125-508

EPA Est. No. XXXX-AA-XX

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.

Before You Use

Read and follow directions when using

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

HOW TO USE

TO CONTROL	WHEN TO APPLY
Grubs	Apply once anytime from May through mid-August.
European Crane Fly Larvae	Apply once, when these insects are present in large numbers (late summer to mid-fall)
Mole Crickets	Apply once 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, mole crickets or European crane fly larvae hatch. Contact your County Extension Agent for the ideal dates to apply in your area.

LAWNS	How Much: See Spreader Settings
	<ul style="list-style-type: none"> • 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)

FLOWER BEDS, GROUND COVERS, TREES & SHRUBS	How Much:
	<p>2 Tablespoons per 10 sq ft of planting bed. 1-1/4 cups per 100 sq ft of planting bed.</p> <ul style="list-style-type: none"> • 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.

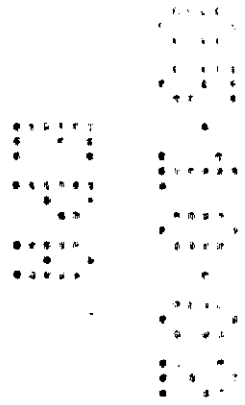


Children and pets may re-enter after the treated area has been watered and allowed to dry.


Continued on next page

DIRECTIONS FOR USE (Continued)	
FOR BEST RESULTS	<ul style="list-style-type: none"> • Apply early, before grubs, mole crickets and European crane fly larvae 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.
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.
European Crane Fly Larvae	European crane fly larvae often cause damage by feeding on grass roots and disrupting the soil surface.
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 MERIT 0.2 GRANULAR INSECTICIDE 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, mole crickets and European crane fly larvae 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 and European crane fly larvae:	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
<p>* 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.</p> <p>Tip: 1000 sq ft = 20 ft x 50 ft</p> <p>Do not use a spreader that applies granules in narrow, concentrated, or uneven bands. Be sure the spreader works properly and spreads granules evenly.</p>		



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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:	 <ul style="list-style-type: none"> Do not reuse this bag. Place in trash
<p>Important: It is best to use all of this 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 1-877-229-3724 for disposal instructions. Never place unused product down any indoor or outdoor drain.</p>	


ENVIRONMENTAL HAZARDS
<ul style="list-style-type: none"> 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.

NOTICE: Research and testing have determined that the "Directions for Use" are appropriate for the proper use of Merit® 0.02% GRANULAR INSECTICIDE under expected conditions. The Buyer assumes responsibility for lack of performance or safety if the product is not used according to the directions on this label.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION
<ul style="list-style-type: none"> 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.

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

B - 9653a 2/13/02

FIRST AID 	
IN CASE OF ACCIDENTAL ...	IMMEDIATELY ...
Swallowing	<ul style="list-style-type: none"> Call poison control 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.
Contact with eyes	<ul style="list-style-type: none"> Hold eyes 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 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. For medical emergency information, you may call toll-free 1-877-229-3763. Active ingredient: 0.2% Imidacloprid [CAS # 138261-41-3].</p>	

Bayer Corporation
Garden & Professional Care
Box 4913
Kansas City, MO 64120-0013
(800) 842-8020

