

3125-532

2/16/2001

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Pesticide Registration Form (EPA Form 35-31-98)

Form Approved OMB No. 1070-0060 Approval Expires 05-31-98



United States  
Environmental Protection Agency  
Washington, DC 20460

☐ Registration  
☐ Amendment  
☒ Other

OPP Identifier Number

20510

## Application for Pesticide - Section I

1. Company/Product Number 3125-532	2. EPA Product Manager Dani Daniel	3. Proposed Classification <input type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product Name Merit PM With Fertilizer	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. # 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.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	<b>NOTIFICATION</b> FEB 16 2001
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - 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:					
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	2. Type of Container <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	If "Yes" Package 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) (816) 242-2164	
<b>Certification</b> 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 (Stamp) 
2. Signature 		3. Title Manager, Federal Regulatory Affairs	
4. Typed Name Julie M. Spagnoli		5. Date February 2, 2001	

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**Merit PM Plus Fertilizer**  
**EPA Reg. No. 3125-532**  
**February 2, 2001**

**NOTIFICATION**

**FEB 16 2001**

**Section II - Explanation**

With this application, Bayer Corporation is submitting a Notification to add a targeted pest and reposition an advisory statement on the back panel of **Merit PM Plus Fertilizer, EPA Reg. No. 3125-532.**

"Fungus Gnats" has been added to our "Kills" list within the "Quick Facts" section of the back panel. The advisory text "Based on your plants' needs, supplemental fertilization may be necessary" is being repositioned within the "For Best Results" text of the "How To Use" section within the "Directions For Use." This notification meets all criteria identified in PR Notice 98-10, II, N "Other Revisions" and II, B "Adding or Deleting Pests." One copy of the revised label is enclosed and the changes have been highlighted.

In addition, the statement "In Georgia, this product contains.....and water holding polymer" has been deleted from the back panel ingredients box (page 3). The required state information contained in this statement has been placed within the "Ingredient" statement box ("Directions For Use" section) and identifies "Sphagnum Peat Moss" as comprising 35 - 45 % of the product and "Composted Forest Products" as "Composted Pine Bark." A statement, pertaining to non-nutritive metals in fertilizer, has been inserted into the space previously occupied by the "In Georgia" statement at the request of the Office of Texas State Chemist. Linda Arrington agreed that this non-FIFRA related statement could be added to the label through the notification process.

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

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[Front Panel]

# Merit<sup>®</sup> PM Plus Fertilizer

- Ready to Use
- Insect control kills plant damaging insects (for up to 4 months)
- (Potting mix with) Long-lasting (4 month) insect protection
- (Long lasting) premium fertilizer
  - Starts feeding instantly
  - Lasts for months
- Water (moisture) control (formula)
  - Helps plants get the right amount of water
  - Absorbs excess water
  - Aids in proper drainage

X-X-X

For Use On:

- Indoor & Outdoor Container Plants

ACTIVE INGREDIENT (by weight):

Imidacloprid .....	0.015%
OTHER INGREDIENTS .....	99.985%

Net Contents: 4 Dry Qts. (4.4 L), 8 Dry Qts. (8.8 L),  
10 Dry Qts. (11.0 L), 12 Dry Qts. (13.2 L),  
16 Dry Qts. (17.6 L), 32 Dry Qts. (35.2 L)

**STOP - Read This Entire Label Before Use**  
**KEEP OUT OF REACH OF CHILDREN**

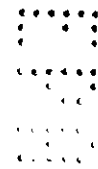
**CAUTION**

See Back Panel for Additional Ingredients and  
Precautionary Statements

FOR RESIDENTIAL USE ONLY



**NOTIFICATION**

FEB 16 2001



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**[BACK PANEL]**  
**READ THE LABEL FIRST!**

<b>QUICK FACTS</b>	
<ul style="list-style-type: none"> <li>• 3 Unique Benefits: <ul style="list-style-type: none"> <li>- Timed release fertilizer that lasts up to 9 months</li> <li>- Unique insecticide that protects plants from damaging insects for up to 4 months</li> <li>- Moisture release feature that helps plants get the right amount of water</li> </ul> </li> <li>• Ready-to-Use . . . No mixing, no measuring</li> </ul>	
<b>KILLS</b>	Adelgids, Aphids, Fungus Gnats, Japanese Beetles, Lacebugs, Leafminers, Mealybugs, Root Weevil Complex (such as Blackvine Weevil, Apopka Weevil), Scale Insects, Thrips (suppression), Whiteflies, and White Grubs.
<b>FEEDS</b>	X-X-X Two-way fertilizer for initial and extended feeding for up to 9 months
<b>WHERE TO USE</b>	For use with indoor or outdoor container plants
<b>WHEN TO USE</b>	For potting, transplanting or seed starting anytime of the year.
<b>HOW TO USE</b>	Use as ordinary potting soil right out of the bag
  For questions or comments, call toll-free 1-877-BayerAG, or visit our website at <a href="http://www.AdvancedGarden.com">www.AdvancedGarden.com</a>	

Potting Mix contains 0.2 oz. of 1% Imidacloprid granules per dry quart.

**ACTIVE INGREDIENT (by weight):**

Imidacloprid*	0.015%
OTHER INGREDIENTS**	99.985%
	100.000%

\* Imidacloprid is the chemical name for Merit® Insecticide.

\*\* Information on other ingredients is provided in the Directions For Use.

EPA Reg. No. 3125-532

EPA Est. No. xxx

**GUARANTEED ANALYSIS X-X-X**

Total Nitrogen (N)*	X %
X % Ammoniacal Nitrogen	
X % Nitrate Nitrogen	

Available Phosphate (P <sub>2</sub> O <sub>5</sub> )*	X %
Soluble Potash (K <sub>2</sub> O)*	X %

Derived from homogeneous polymer-coated: Ammonium Nitrate, Ammonium Phosphate, and Potassium Sulfate; and Ammonium Phosphate and Potassium Sulfate.

\* Part of the nutrients have been polymer-coated to provide slow-release nutrients as X % Nitrogen (N), X % Available Phosphate (P<sub>2</sub>O<sub>5</sub>) and X % Soluble Potash (K<sub>2</sub>O)

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-states.com>.

**Net Wt:** 2 lbs 6 oz (1.1 kg), 4 lbs 13 oz (2.2 kg),  
6 lbs (2.7 kg), 7 lbs 3 oz (3.2 kg),  
9 lbs 10 oz (4.3 kg), 19 lbs 3 oz (8.6 kg)

## 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 these directions when using:

- Do not apply near fish pools, ponds, streams, or lakes.
- Do not use this mix for potting edible food plants, fruits, vegetables, or herbs.
- Use clean containers and tools when planting or transplanting. Rinse containers and tools thoroughly.
- Food utensils such as teaspoons or measuring cups should not be used for food purposes after use with insecticides.
- Wear rubber gloves when handling.

## HOW TO USE

### When to Use:

For potting, transplanting, or seed starting anytime of the year.

### How Much to Use:

See instructions for specific applications

### Transplanting:

**Step 1: Select a New Container:** Choose a container that is at least two sizes larger than the old one and has drainage holes.

**Step 2: Remove Plant from Current Container:** Tap the container on its side 2-3 times to loosen the plant. Turn container upside down in your hand (or on its side if the container is large). Gently slide the plant out.

If the root ball is tightly wound, slice it in 2-3 places. This will allow the roots to grow out into the new potting mix.

**Step 3: Place Plant in New Container:** Add a layer of potting mix to the bottom of the container. (No gravel or chips are needed on the bottom.) Put the plant in the container. Fill the rest of the container with potting mix. Press the soil down slightly. Make sure the base of the plant stem remains at its original soil level; do not place the plant deeper in the mix than it originally was. Leave 1/2 - 3/4 " of space between the top of the potting mix and the lip of the container.

**Step 4: Water the Plant:** Water the potting mix thoroughly. Assure that the container drains well. Keep the mix moist, but not wet. To help assure that the roots can absorb the insecticide, do not water too heavily for the first 10 days.

### Container Gardening:

Use containers that have drainage holes. Add enough potting mix to the container so that the base of the plant stem remains at its original soil level; do not place the plant deeper in the mix than it originally was. Water thoroughly and make sure the container is draining well.

## Seed Starting:

Fill container with potting mix. Plant seeds according to package instructions. Water thoroughly. For best results, keep the seeds in a moist environment at temperatures of 70-80 °F. Keep potting mix moist to the touch. A plastic bag or cover may be placed over the container to preserve moisture. Once new seedlings have developed two sets of leaves, they may be transplanted into larger containers or outdoors.

**For Best Results:** For the first 10 days after planting, avoid overwatering (water flows from the drain holes) since this will wash the insecticide from the soil. After a few days, the insecticide will bind to the soil where it can be taken up by the roots.

**Based on your plants' needs, supplemental fertilization may be necessary.**

Keep container plants away from drafty areas and out of direct sunlight. Check your specific plant's needs for light, water, and spacing.

## How it Works: (ART)

The plant will absorb the moisture, nutrients and insect protection up through the roots. Allow several days for the benefits to take full effect. Even new growth is fed and protected against insects for up to 4 months. Rain or watering cannot wash off this internal protection.

This mixture is a combination of ingredients preferred by professionals. These ingredients are scientifically blended together to provide an advanced growing medium available for your plants - Guaranteed! Here's what is in this special mix:	
Ingredients	Benefit for the Plant
Sphagnum Peat Moss (35 - 45%)	For aeration, high water retention and root anchorage. Helps hold moisture at root level.
Composted Pine Bark	For aeration, water retention and root anchorage.
Perlite	Increases air pockets in the mix to help roots "breathe" and work more efficiently.
Vermiculite	
Merit® Insect Control	Protects plants for up to 4 months from many common pests such as Aphids, Thrips and Whiteflies.
Two-Way Fertilizer Blend	Quick release nutrients give plants initial boost to promote early growth and timed-release nutrients continue feeding for up to 9 months.
Dolomitic Limestone	For proper pH balance.
Wetting Agent	Helps distribute water evenly to the roots.
Water Holding Polymer (Copolymer of Polyacrylamide)	Allows the potting mix to soak up water then release it to the plant as the mix dries.
When applied as directed, this product meets the guidelines for metals adopted by the Association of American Plant Food Control Officials.	

## 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 reuse empty bag.
  - Completely empty bag.
  - 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.

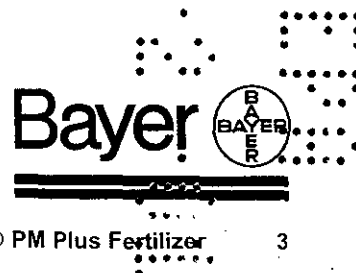
## PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

### CAUTION

- Harmful if swallowed or absorbed through skin.
- Causes eye irritation.
- Avoid prolonged contact with skin, eyes, or clothing.
- Wash thoroughly with soap and water after handling.

FIRST AID	
IN THE CASE OF ACCIDENTAL ...	IMMEDIATELY ...
Swallowing	<ul style="list-style-type: none"><li>• Call a doctor or poison control center for treatment advice.</li></ul>
Contact with skin	<ul style="list-style-type: none"><li>• Wash thoroughly with soap and water.</li><li>• Get medical attention if irritation occurs.</li></ul>
Contact with eyes	<ul style="list-style-type: none"><li>• Hold eye open and rinse eye slowly and gently with water.</li><li>• Continue to rinse eye for 10 to 15 minutes.</li><li>• Call a doctor if irritation persists.</li></ul>
<b>NOTE:</b> 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: Imidacloprid [CAS # 138261-41-3].	

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



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## ENVIRONMENTAL HAZARDS

- This product is highly toxic to aquatic invertebrates.
- Do not dispose of potting mix in lakes, streams, or storm sewers.

**NOTICE:** Research and testing has determined that the "Directions for Use" are appropriate for the proper use of Merit® PM Plus Fertilizer 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.

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

**B - 9371d      03/14/00**

