



United States  
 Environmental Protection Agency  
 Washington, DC 20460

Registration  
 Amendment  
 Other

OPP Identifier Number  
 NOTIFICATION

**Application for Pesticide - Section I**

|   |   |  |
|---|---|--|
| 1. Company/Product Number<br>100-821  | 2. EPA Product Manager<br>Mary Waller   | 3. Proposed Classification<br><input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name)<br>Maxim Potato Seed Protectant   | PM#<br>21   |  |
| 5. Name and Address of Applicant (Include ZIP Code)<br>Novartis Crop Protection, Inc.<br>P. O. Box 18300<br>Greensboro, NC 27419<br><br><input type="checkbox"/> Check if this is a new address | 6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:<br><br>EPA Reg. No. _____<br>Product Name _____ |  |

**Section - II**

Amendment - Explain below.  Final printed labels in response to Agency letter dated **NOV 17 1997**

Resubmission in response to Agency letter dated \_\_\_\_\_  "Me Too" Application.

Notification - Explain below.  Other - Explain below.

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)  
 Submission of final printed labels, for Maxim Potato Seed Protectant an alternate brand name for Maxim T Potato Seed Protectant. The label contains changes indicated in your October 30, 1997 letter (EPA Reg. No. 100-821 was added and fludioxonil was deleted from the Ingredient Statement).  
 This notification is consistent with the provisions of PR Notice 95-2 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. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 95-2 and 40 FR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.

**Section - III**

|  |   |   |  |
|--|---|---|--|
| 1. <b>Material This Product Will Be Packaged In:</b>   |   |   |  |
| Child-Resistant Packaging<br><input type="checkbox"/> Yes*<br><input type="checkbox"/> No  | Unit Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No | Water Soluble Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No  | 2. Type of Container<br><input type="checkbox"/> Metal<br><input type="checkbox"/> Plastic<br><input type="checkbox"/> Glass<br><input type="checkbox"/> Paper<br><input type="checkbox"/> Other (Specify) _____ |
| <i>*Certification must be submitted</i>  |   | If "Yes" Unit Packaging wgt. No. per container  | If "Yes" Unit Packaging wgt. No. per container   |
| 3. Location of Net Contents Information<br><input type="checkbox"/> Label <input type="checkbox"/> Container   | 4. Size(s) Retail Container   | 5. Location of Label Directions<br><input type="checkbox"/> On Label<br><input type="checkbox"/> On Labeling accompanying product |  |
| 6. Manner in Which Label is Affixed to Product<br><input type="checkbox"/> Lithograph <input type="checkbox"/> Other _____<br><input type="checkbox"/> Paper glued<br><input type="checkbox"/> Stenciled |   |   |  |

**Section - IV**

|  |                                    |  |
|--|------------------------------------|--|
| 1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)  |                                    |  |
| Name Richard Pence   | Title Senior Regulatory Manager    | Telephone No. (Include Area Code) 910-632-7461 |
| 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<br><i>Richard Pence</i>   | 3. Title Senior Regulatory Manager |  |
| 4. Typed Name Richard Pence  | 5. Date October 31, 1997           |  |

NOTIFICATION

NOV 17 1997

# Maxim™



## Potato Seed Protectant

### FUNGICIDE

A seed treatment product for control of certain diseases of potatoes

Active Ingredient:  
4-(2,2-difluoro-1,3-benzodioxol-4-yl)-  
1H-pyrrole-3-carbonitrile . . . . . 0.5%

Inert Ingredients: 99.5%

Total: 100.0%

Maxim Potato Seed Protectant contains 0.005 lb. active ingredient per pound.

KEEP OUT OF REACH OF CHILDREN.

### CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-821

EPA Est. 5905-GA-01

Product ID.

# 54115

## 40 POUNDS

NET WEIGHT

 NOVARTIS

# Maxim™ Potato Seed Protectant

## DIRECTIONS FOR USE AND CONDITIONS OF SALE AND WARRANTY

**IMPORTANT:** Read the entire **Directions for Use** and the **Conditions of Sale and Warranty** before using this product. If terms are not acceptable, return the unopened product container at once.

### CONDITIONS OF SALE AND WARRANTY

The **Directions for Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Novartis Crop Protection, Inc. or the Seller. All such risks shall be assumed by the Buyer.

Novartis warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions for Use** subject to the inherent risks referred to above. **Novartis makes no other express or implied warranty of Fitness or Merchantability or any other express or implied warranty. In no case shall Novartis or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product.** Novartis and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing **Conditions of Sale and Warranty**, which may be varied only by agreement in writing signed by a duly authorized representative of Novartis.

### DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.** Exception: If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

**FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.**

Treatment of highly mechanically scarred or damaged seed pieces, or seed pieces known to be of low vigor and poor quality, except for the purpose of curative control of existing disease pests, may result in reduced germination and/or reduction of seed and seedling vigor. Conduct germination tests on a small portion of seed before committing the total seed lot to a selected seed treatment. Treat using equipment similar to that planned for treating the total seed lot.

### GENERAL INFORMATION

Maxim Potato Seed Protectant is a dry fungicide seed protectant designed to control certain fungal diseases of potatoes. Maxim Potato Seed Protectant provides control of *Fusarium* dry rot seed decay, *Rhizoctonia* stem canker, and silver scurf. It does not control bacterial diseases or disease present within the seed.

Maxim Potato Seed Protectant is to be used as an integral part of a potato disease management strategy. This strategy includes the use of high quality seed pieces and the incorporation of cultural techniques such as: crop rotation and optimal harvest time for tubers to minimize disease development; proper handling of tubers to avoid unnecessary bruising, management and sanitation of equipment and storage areas to reduce inoculum including avoidance of storage conditions that lead to free moisture or condensation; and application of the seed protectant to clean seed pieces with a properly calibrated application system. Consult your local agricultural extension agent for more detailed information on disease management practices.

**DO NOT USE IF YOU WILL STORE CUT SEED LONGER THAN 7 DAYS.**

**DO NOT USE ON SEED TO BE PLANTED FOR THE PRODUCTION OF SEED.**

**Note:** Fludioxonil is a fungicide with a specific mode of action that could be subject to development of less sensitive strains of fungi. Development of insensitivity cannot be predicted. Therefore, Novartis cannot assume liability for crop damage resulting from insensitive strains of fungi. Consult your State Agricultural Experiment Station or Extension Service Specialist for guidance on your particular disease control situation. Do not use this product in Jefferson County, Idaho.

**Mixing Procedures**  
Use Maxim Potato Seed Protectant at the rate of 0.5 lbs. of product per 100 lbs. of seed pieces. Apply using equipment that ensures uniform and thorough coverage of each seed piece. Thoroughly clean and sanitize all surfaces of cutting equipment (e.g., cutting machines, knives, and tables), as well as planting equipment and planters, before cutting and planting seed pieces. After cutting, treated seed pieces should be planted in warm, moist soil.

Do not use treated seed pieces for food, feed, or fodder.  
Apply only in areas with adequate ventilation or dust collection and control equipment.

Federal law requires that bags containing treated seed shall be labeled with the following information: "This seed has been treated with fludioxonil fungicide. Store away from feed and foodstuffs." Use an EPA-approved dye or colorant that imparts an unnatural color to the seed.

**Rotational Crops**  
Do not rotate to any crop, other than potatoes; corn, sorghum, leafy vegetables, or root and tuber vegetables, within one year of application of seed treated with Maxim Potato Seed Protectant.

## STORAGE AND DISPOSAL

**Pesticide Storage and Disposal**  
Store in a cool, dry place. Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment. To dispose of wastes resulting from the use of this product, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA regional office for guidance in proper disposal methods.

**Container Disposal**

Dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

Causes eye irritation. Harmful if absorbed through skin. Avoid contact with eyes, skin, or clothing.

**Statement of Practical Treatment**

**If in eyes:** Flush with plenty of water. Get medical attention if irritation persists.

**If on skin:** Wash with plenty of soap and water. Get medical attention.

**Note to Physician:** If ingested, induce emesis or lavage stomach. Treat symptomatically.

**Personal Protective Equipment**

**Applicators and other handlers must wear:**

- Long-sleeved shirt and long pants
- Waterproof gloves
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions are available for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Engineering Control Statements**

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

**User Safety Recommendations**

**Users should:**

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

**Environmental Hazards**

This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters or rinsates.

Maxim™ trademark of Novartis  
U.S. Patent No. 4,705,800

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Novartis Crop Protection, Inc.  
Seed Treatment Products  
Greensboro, North Carolina 27419  
NCP 232L1A 1097