

GROUP 12 FUNGICIDE

MAXIM[®] PSP
POTATO SEED PROTECTANT

Powder

FUNGICIDE

AGRICULTURAL

A dry powder for the treatment of potato seed pieces for the control of Black Scurf (*Rhizoctonia solani*), Silver Scurf (*Helminthosporium solani*), and Fusarium Dry Rot (*Fusarium* spp.)

ACTIVE INGREDIENT:

Fludioxonil.....0.5%

READ THE LABEL BEFORE USING

CAUTION



POISON

REGISTRATION NO: **26647**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **10 kg**

For on-farm use only.

Syngenta Canada Inc.
140 Research Lane, Research Park
Guelph, Ontario N1G 4Z3
Telephone: 1-877-964-3682

1.0 NOTICE TO USER

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

2.0 FIRST AID

IN CASE OF POISONING, call a physician or poison control center **IMMEDIATELY**. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

If in eyes, hold eye 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 a poison control centre or doctor for treatment advice.

If swallowed, call a poison control centre 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 a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

If on skin or clothing, take off contaminated clothing. Rinse skin **IMMEDIATELY** with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

3.0 TOXICOLOGICAL INFORMATION

Treat symptomatically.

4.0 PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. For on-farm use only. May be harmful if swallowed. Avoid inhalation of dust. Wash hands and face after handling. Avoid contamination of feed and foodstuffs. Store in a dry place. Never re-use. Do not contaminate domestic or irrigation water supplies, lakes, streams and ponds.

If this pest control product is to be used on a commodity that may be exported to other countries in the world and you require information on acceptable residue levels in these countries, please contact Syngenta Canada Inc. at 1-87-SYNGENTA / 1-877-964-3682.

5.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)

During treatment wear two layers of clothing (e.g., coveralls over a full length undergarment) a dust mask and work boots. In addition, wear chemical-resistant gloves when handling MAXIM[®] PSP POTATO SEED PROTECTANT and when handling treated seed.

During planting, wear two layers of clothing and work boots. In addition, wear chemical-resistant gloves when handling treated seed.

6.0 ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms.

Treated seed is TOXIC to birds. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil or other surfaces.

7.0 USE RESTRICTIONS

All bags containing treated seed for sale or use in Canada must be labeled or tagged as follows: "Keep out of reach of children and animals. Treated seed is TOXIC to birds. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface."

8.0 STORAGE

To prevent contamination, store this product away from food or feed.

9.0 DISPOSAL

For information on the disposal of unused unwanted product, contact the provincial regulatory agency or the manufacturer. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

For Bags

1. Empty bag thoroughly into the application device.
2. Make the empty bag unsuitable for further use.
3. Dispose of the bag in accordance with provincial requirements.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,
CALL 1-800-327-8633 (FASTMED)***

10.0 PRODUCT INFORMATION

MAXIM PSP POTATO SEED PROTECTANT is a potato seed piece treatment fungicide, which controls seed-borne diseases of potatoes. MAXIM PSP POTATO SEED PROTECTANT is active against Black Scurf including Stem and Stolon Canker (*Rhizoctonia solani*), Silver Scurf (*Helminthosporium solani*), and Fusarium Dry Rot (*Fusarium* spp.). MAXIM PSP POTATO SEED PROTECTANT does not control bacterial diseases present within the seed.

MAXIM PSP 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 and the incorporation of cultural techniques such as: crop rotation and optimal harvest time for tubers to minimise 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 piece treatment to clean seed pieces with a properly calibrated application system.

NOTE: Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigour and poor quality, may result in reduced germination and/or reduction of seed and seedling vigour. Due to seed quality and seed storage conditions beyond the control of Syngenta Canada Inc., no claims are made to guarantee the germination of potato seed pieces.

11.0 DIRECTIONS FOR USE

11.1 General Information

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

12.0 CROP USE DIRECTIONS

POTATOES (SEED TREATMENT) - CUT SEED

Use 500 g per 100 kg of cut seed. Apply using appropriate treater designed for treating potatoes or by dust attachment over belt. Cut pieces should be treated immediately after cutting. If treated seed pieces are to be bagged, they should be stored for 2 - 3 days in open crates before bagging.

NOTE:

For optimum protection against Silver Scurf, ensure that seed tubers are completely free of soil. Total skin coverage is essential. Reduced control can be expected in fields where volunteer potatoes from the previous year's crop act as a source of infection. Consult your provincial Potato Production Guide for recommendations.

13.0 RESISTANCE MANAGEMENT

For resistance management, please note that MAXIM PSP POTATO SEED PROTECTANT contains a Group 12 fungicide. Any fungal population may contain individuals naturally resistant to MAXIM PSP POTATO SEED PROTECTANT and other Group 12 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide/bactericide resistance:

Where possible, rotate the use of MAXIM PSP POTATO SEED PROTECTANT or other Group 12 fungicides with different groups that control the same pathogens. In order to minimize the potential for the development of resistance among the labeled disease organisms do not use Maxim PSP in any two consecutive seed generations.

Use tank mixtures with fungicide/bactericides from a different group when such use is permitted.

Fungicide/bactericide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.

Monitor treated fungal/bacterial populations for resistance development.

If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another (fungicide/bactericide) with a different target site of action, if available.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.

For further information and to report suspected resistance, contact Syngenta Canada Inc. at 1-877-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.