

8-SEP-2003 Notification received of a label change. See below for this change.

19-JUN-2002

GROUP	12	FUNGICIDE
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**MAXIM<sup>®</sup> 480FS**

**SEED TREATMENT FUNGICIDE**

AGRICULTURAL

FOR TREATMENT OF CORN, SOYBEAN, CANOLA AND MUSTARD SEED BY  
COMMERCIAL SEED TREATERS ONLY.

A seed treatment for the control of listed fungus diseases of field corn, sweet corn, popcorn,  
soybeans, canola and mustard.

**GUARANTEE:**

Fludioxonil..... 40.3%

**READ THE LABEL AND ATTACHED PAMPHLET BEFORE USING**

REGISTRATION NO: **24732**  
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **1 L, 8.85 L**

**Syngenta Crop Protection Canada, Inc.**  
140 Research Lane  
Research Park, ~~University of Guelph~~  
Guelph, ON  
N1G 4Z3

Notification Change

LABEL

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**NOTICE TO USER:**

This control product is to be used only in accordance with the directions on this label. It is an offence under the PEST CONTROL PRODUCTS ACT to use a control product under unsafe conditions.

**NOTICE TO BUYER:**

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

**FIRST AID:**

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

**If swallowed**, IMMEDIATELY drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person. Contact a physician or poison control centre IMMEDIATELY.

**If in eyes**, splash repeatedly with large amounts of clean water for at least 15 minutes. Contact a physician or poison control centre.

**If on skin**, remove contaminated clothing. Wash skin thoroughly with soap and water. If irritation occurs, contact a physician or poison control centre.

**If inhaled**, move to fresh air.

**TOXICOLOGICAL INFORMATION:**

There is no specific antidote for MAXIM 480FS fungicide if ingested. Induce emesis or lavage stomach. Treat symptomatically.

**PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN.** May be harmful if swallowed. Avoid inhalation of vapour, spray mist or treated seed dust. Wash hands and face after handling and before eating or smoking. Avoid contamination of feed and foodstuffs. Treated seed must not be used for food, feed or oil processing. Do not use in hopper-box, planter-box, slurry-box or other non-commercial seed treatment applications at, or immediately before, planting. Treat seed in a well-

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ventilated area. When handling MAXIM 480FS fungicide, contaminated equipment or seed treated with MAXIM 480FS fungicide, wear long-sleeved coveralls over normal work clothing and chemical-resistant gloves. In addition, when bagging or sewing bags of seed treated with MAXIM 480FS fungicide, wear a dust mask. This product is toxic to fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present. In cleaning of equipment or disposing of wastes, do not contaminate water used for human or animal consumption or by wildlife and aquatic life or for irrigation purposes.

Label the bags containing treated seed with the following information: ***“This seed has been treated with fludioxonil fungicide (or fludioxonil and metalaxyl-M fungicide if appropriate). Do not use for food, feed or oil purposes. Store away from feed and foodstuffs. Do not graze treated crops, or cut for forage within 30 days of planting.”***

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., contact 1-800-375-4648 or [www.cropro.org/](http://www.cropro.org/)

#### **DECONTAMINATION AND DISPOSAL:**

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

#### **CONTAINER DISPOSAL:**

##### **For refillable containers:**

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

##### **For recyclable containers:**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

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

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®MAXIM is a registered trademark of a Syngenta group company

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REGISTRATION NO: **24732**  
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **55L**

**Syngenta Crop Protection Canada, Inc..**  
140 Research Lane  
Research Park, University of Guelph  
Guelph, ON N1G 4Z3

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#### **CONTAINER DISPOSAL:**

For refillable containers:

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not use this container for any other purpose.

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PAMPHLET

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### **GENERAL INFORMATION:**

MAXIM 480FS fungicide is a seed treatment fungicide which controls seed-borne and soil-borne diseases of field corn, sweet corn, popcorn, soybeans, canola and mustard. MAXIM 480FS fungicide is active against *Fusarium* (including seedling disease due to *F. graminearum*), *Rhizoctonia*; and against weakly pathogenic fungi such as *Aspergillus* and *Penicillium*. When

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rate ranges are given, use the higher rate where conditions favour seed-borne or soil-borne pathogens.

MAXIM 480FS fungicide will not control diseases caused by *Pythium* and *Phytophthora* spp. For control of *Pythium* diseases on corn and canola apply APRON XL LS<sup>®</sup> fungicide seed treatment to the seed at the rate specified on the APRON XL LS fungicide label. For control of *Pythium* and *Phytophthora* diseases on soybeans apply APRON XL LS fungicide seed treatment to the seed at the rate specified on this label.

**Note:** Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigour 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 vigour. Treat a small quantity of seed using equipment similar to that planned for treating the total seed lot. Conduct germination tests on a small portion of the seed before committing the total seed lot to a selected seed treatment. Due to seed quality and seed storage conditions beyond the control of Syngenta Crop Protection Canada, Inc. no claims are made to guarantee the germination of carry-over field corn, sweet corn, popcorn and soybean seed.

#### **DIRECTIONS FOR USE:**

#### **MIXING INSTRUCTIONS:**

Shake or mix well before using.

Apply MAXIM 480FS fungicide as a water-based slurry utilizing standard slurry seed treatment equipment which provides uniform seed coverage. Uneven or incomplete seed coverage may not give the desired level of disease control. Thoroughly mix the recommended amount of MAXIM 480FS fungicide into the required amount of water for the slurry treater and dilution rate to be used. Follow the manufacturer's application instructions for the seed treatment equipment being used. Maintain constant agitation of the slurry during the treatment. Allow the seed to dry before bagging. Seed treated with MAXIM 480FS fungicide or a combination of MAXIM 480FS fungicide and APRON XL LS fungicide may not flow through a seed drill at the same rate as untreated seed. Recalibrate the seed drill before planting treated seed.

Ideal storage temperature is above freezing and below 30° C.

**This product contains a pigment which will colour the treated seed. However, users are responsible for ensuring that the treated seed, when dried and ready for bagging, has an unnatural colour. If the pigment contained in the formulation does not colour the seed adequately, additional colourant must be added to the mixture while treating the seed.**

#### **FIELD CORN and POPCORN:**

For control of seed-borne and soil-borne fungi which cause seed decay, damping-off and seedling blights, apply 5.2 - 10.4 mL of MAXIM 480FS fungicide per 100 kg of seed.

For control of *Pythium* spp. apply APRON XL LS fungicide following rates and directions on the label, in a tank mix with MAXIM 480FS fungicide. Follow all appropriate directions,

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precautions, etc. on the APRON XL LS fungicide label.

### **SWEET CORN:**

For control of seed-borne and soil-borne fungi which cause seed decay, damping-off and seedling blights, apply 5.2 - 10.4 mL of MAXIM 480FS fungicide per 100 kg of seed.

For control of *Pythium* spp. or systemic downy mildew apply APRON XL LS fungicide following rates and directions on the label, in a tank mix with MAXIM 480FS fungicide. Follow all appropriate directions, precautions, etc. on the APRON XL LS fungicide label.

### **SOYBEANS :**

For control of seed-borne and soil-borne fungi which cause seed decay, damping-off and seedling blights, apply 5.2 - 10.4 mL of MAXIM 480FS fungicide per 100 kg of seed.

It is recommended that APRON XL LS fungicide be applied in combination with MAXIM 480FS fungicide for control of *Pythium* spp. Apply APRON XL LS fungicide at 10.2 – 20.4 mL product per 100 kg seed tank mixed with recommended rates of MAXIM 480FS fungicide. Follow all appropriate directions, precautions, etc. on the APRON XL LS fungicide label.

For the control of early season *Phytophthora*, apply APRON XL LS fungicide following rates and directions on the label, in a tank mix with MAXIM 480FS fungicide. Follow all appropriate directions, precautions, etc. on the APRON XL LS fungicide label.

### **CANOLA and MUSTARD :**

For control of seed-borne and soil-borne fungi which cause seed decay, damping-off and seedling blights / rots, apply 5.2 - 10.4 mL of MAXIM 480FS fungicide per 100 kg of seed.

For control of *Pythium* spp. apply APRON XL LS fungicide following rates and directions on the label, in a tank mix with MAXIM 480FS fungicide. Follow all appropriate directions, precautions, etc. on the APRON XL LS fungicide label.

### **RESISTANCE MANAGEMENT:**

For resistance management, please note that MAXIM 480FS fungicide contains a Group 12 fungicide. Any fungal population may contain individuals naturally resistant to MAXIM 480FS fungicide 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 resistance:

- Where possible rotate the use of MAXIM 480FS fungicide or other Group 12 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group when such use is permitted.

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- Fungicide 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 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 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 representatives at 1-800-265-3554 or at [www.syngenta.ca](http://www.syngenta.ca)

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