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2024-04-09

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GROUP	<b>12</b>	FUNGICIDE
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## MAXIM® 480FS Colourless SEED TREATMENT FUNGICIDE

SEED TREATMENT FUNGICIDE

COMMERCIAL - AGRICULTURAL

SOLUTION

A seed treatment for the control of listed fungus diseases of a wide range of crops grown from seed.

### ACTIVE INGREDIENT:

Fludioxonil.....40%

Contains 1,2-benziosothiazolin-3-one at 0.012 % as a preservative or 1,2-benziosothiazolin-3-one at 0.033 % and 2-bromo-2-nitropropane-1,3-diol at 0.024% as preservatives.

### READ THE LABEL AND PAMPHLET BEFORE USING

REGISTRATION NO: **27001**  
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **1 L to Bulk**

**For use with commercial seed treaters (facilities and mobile treaters) only.**

**This product contains no colourant. All seed treated with this product must be conspicuously coloured at the time of treatment. Regulations pertaining to the “Seeds Act” must be strictly adhered to when using this product. ~~Seed must be conspicuously coloured at the time of treatment.~~**

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

Label

## 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**, contact a doctor or a poison control centre **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

There is no specific antidote for this product if ingested. If a large amount has been ingested and emesis is inadequate, lavage stomach. Treat symptomatically.

## 4.0 PRECAUTIONS

### **KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS.**

May be harmful if swallowed. Avoid inhalation of vapour, spray mist or treated seed dust.

Do not contaminate food, feed, or domestic water supplies.

Apply this product to the seed only in a way that it will not contact workers or other persons, either directly or through drift. Only workers wearing personal protective equipment may be in the area when seed is being treated or bagged.

For use with commercial seed treaters (facilities and mobile treaters). Do not use in hopper-box, planter-box, slurry-box or other non-commercial seed treatment applications at, or immediately before, planting.

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Treat seed in a well-ventilated area. Keep treated seeds out of reach of children and animals.

**NOTE:** In case of accident, take the product label to the emergency facility or physician. 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**

When handling MAXIM® 480FS Colourless Seed Treatment Fungicide, contaminated equipment or seed treated with MAXIM 480FS Colourless Seed Treatment 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 Colourless Seed Treatment Fungicide, wear a dust mask.

Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Wash splashes from skin IMMEDIATELY with plenty of water. Remove PPE immediately after handling this product. Wash the outside of gloves with soap and water before removing. As soon as possible, wash thoroughly and change into clean clothing. After spraying, wash hands and shower thoroughly with soap and water.

Heavily contaminated or drenched clothing and other absorbent materials contaminated with this product should be discarded. Do not reuse them.

Users should wash hands and exposed skin before eating, drinking, chewing gum, using tobacco, applying cosmetics or using the toilet.

While using product, do not eat, drink or use tobacco (including smoking).

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

Wear freshly laundered clothes daily.

Do not wear contaminated shoes.

## **6.0 ENVIRONMENTAL PRECAUTIONS**

This product is 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.

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.

## 7.0 USE RESTRICTIONS

1. Treated seed must not be used for food, feed or oil processing.
2. Store away from food, feed and out of the reach of children and animals.
3. Do not graze treated crops, or cut for forage, within 30 days of planting.
4. All bags containing treated seed for sale or use in Canada must be labeled or tagged as follows: **“This seed has been treated with fludioxonil fungicide. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Do not use for food, feed or oil processing. Store away from feed and food. Do not graze treated crops, or cut for forage, within 30 days of planting. 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.”**
5. All bags of seed treated in accordance with the export use pattern must be labeled as follows: **“TREATED SEED: FOR EXPORT - NOT FOR DOMESTIC SALE OR USE.”**

## 8.0 STORAGE

Keep in original container, tightly closed, during storage. Store in a cool, dry, well-ventilated area away from other pesticides, feed, food and out of the reach of children and animals. Store this product away from food or feed.

Ideal storage temperature is above freezing and below 30 °C. If product should freeze, bring the product back to room temperature and ensure the contents are mixed well prior to application.

## 9.0 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.

### For Returnable 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 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.

### For Recyclable Container:

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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.

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

MAXIM® is a trademark of a Syngenta Group Company.

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## MAXIM<sup>®</sup> 480FS Colourless SEED TREATMENT FUNGICIDE

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PAMPHLET

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

## 10.0 PRODUCT INFORMATION

MAXIM 480FS Colourless Seed Treatment Fungicide is a seed treatment fungicide which controls seed-borne and soil-borne diseases caused by *Fusarium* spp. (including seedling diseases due to *F. graminearum*) and *Rhizoctonia* spp. on listed crops, as well as *Aspergillus* and *Penicillium* on corn (field corn, sweet corn, popcorn), soybean, canola and mustard. MAXIM 480FS Colourless Seed Treatment Fungicide will also control seed rot and seedling blight in soybeans caused by seed-borne *Phomopsis* spp. When rate ranges are given, use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.

**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 Canada Inc., no claims are made to guarantee the germination of carry-over treated seed.

## 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.

Shake or mix well before using.

Apply MAXIM 480FS Colourless Seed Treatment 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 Colourless Seed Treatment Fungicide into the required amount of water for the slurry treater and dilution rate to be used. Slurry volumes will vary depending on seed size. 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.

Depending on planting equipment, seed treated with Maxim 480FS Colourless Seed Treatment Fungicide, or a combination of Maxim 480FS Colourless Seed Treatment Fungicide and other seed treatment products may not flow through planting equipment at the same rate as untreated seed. Recalibrate the equipment before planting treated seed.

**This product contains no colourant. Users are responsible for ensuring that the treated seed, when dried and ready for bagging, has an unnatural colour. An appropriate colourant must be added when this product is applied. Regulations pertaining to the "Seeds Act" must be strictly adhered to when using this product.**

## 12.0 CROP USE DIRECTIONS

For treatment of SEEDS only. Not for treating propagating root or tuber material.

For control of seed-borne and soil-borne fungi which cause Seed Decay, Damping-Off and Seedling Blights, apply the following rates of MAXIM 480FS Colourless Seed Treatment Fungicide per 100 kg of seed of the following crops listed.

**12.1 Cereal Grains (Includes forage and silage)**

<b>CEREAL GRAINS (INCLUDES FORAGE AND SILAGE)</b>	
<b>CROPS</b>	<b>Barley</b> <b>Buckwheat</b> <b>Corn</b> (field corn and popcorn) <b>Grain Sorghum</b> <b>Millet</b> (pearl and proso) <b>Oats</b> <b>Rye</b> <b>Sweet Corn</b> <b>Triticale</b> <b>Wild Rice</b> <b>Wheat</b>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling diseases due to <i>F. graminearum</i> ) and <i>Rhizoctonia</i> spp.
<b>RATE</b>	5.2 – 10.4 mL/100 kg
<b>APPLICATION METHOD</b>	Seed Treatment
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.
<b>RESTRICTIONS</b>	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.
<b>CROPS</b>	<b>Corn</b> (field corn, sweet corn and popcorn)
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Aspergillus</i> and <i>Penicillium</i>
<b>RATE</b>	5.2 – 10.4 mL/100 kg
<b>APPLICATION METHOD</b>	Seed Treatment
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.
<b>RESTRICTIONS</b>	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.

**12.2 Legume Vegetables (Foliage)**

<b>LEGUME VEGETABLES (FOLIAGE)</b>	
<b>CROPS</b>	<b>Bean</b> ( <i>Phaseolus</i> spp. - any cultivar) <b>Field Pea</b> ( <i>Pisum</i> spp.) <b>Soybean</b>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling diseases due to <i>F. graminearum</i> ) and <i>Rhizoctonia</i> spp.
<b>RATE</b>	5.2 – 10.4 mL/100 kg
<b>APPLICATION METHOD</b>	Seed Treatment
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.
<b>RESTRICTIONS</b>	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.
<b>CROP</b>	<b>Soybean</b>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Aspergillus</i> and <i>Penicillium</i> Seed rot and seedling blight caused by seed-borne <i>Phomopsis</i> spp.
<b>RATE</b>	5.2 – 10.4 mL/100 kg
<b>APPLICATION METHOD</b>	Seed Treatment
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.



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## 12.4 Legume Vegetables (Succulent and Dry)

<b>LEGUME VEGETABLES (SUCCULENT AND DRY)</b>	
<b>CROPS</b>	<p><b>Bean (<i>Lupinus</i> spp. ) including:</b> Grain Lupin Sweet Lupin White Lupin</p> <p><b>Bean (<i>Phaseolus</i> spp.) including:</b> Field Bean Kidney Bean Lima Bean Navy Bean Pinto Bean Runner Bean Snap Bean Tepary Bean Wax Bean</p> <p><b>Bean (<i>Vigna</i> spp.) including:</b> Adzuki Bean Asparagus Bean Blackeyed Pea Catjang Chinese Long Bean Cowpea Crowder Pea Moth Bean Mung Bean Rice Bean Southern Pea Urd Bean Yardlong Bean</p> <p><b>Broad Bean</b> <b>Chickpea</b> <b>Guar</b> <b>Jack Bean</b> <b>Lablab Bean</b> <b>Lentils</b> <b>Pea including:</b> Dwarf Pea Edible-pod Pea English Pea Field Pea Garden Pea Green Pea Snow Pea Sugar Snap Pea <b>Pigeon Pea</b> <b>Soybean</b> (immature) <b>Sword Bean</b></p>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling diseases due to <i>F. graminearum</i> ) and <i>Rhizoctonia</i> spp.
<b>RATE</b>	5.2 – 10.4 mL/100 kg
<b>APPLICATION METHOD</b>	Seed Treatment
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.
<b>RESTRICTIONS</b>	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.

**12.5 Grass Forage, Fodder and Hay**

<b>GRASS FORAGE, FODDER, AND HAY</b>		
<b>CROPS</b>	<b>All Grasses including:</b> Turf Grass Bermudagrass Bluegrass Fescue Bromegrass <b>All pasture and range grasses and grasses grown for hay or silage</b>	<b>All Gramineae family</b> either green or cured (except those in the Cereal Grains group that will be fed to or grazed by livestock)
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling diseases due to <i>F. graminearum</i> ) and <i>Rhizoctonia</i> spp.	
<b>RATE</b>	5.2 – 10.4 mL/100 kg	
<b>APPLICATION METHOD</b>	Seed Treatment	
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.	
<b>RESTRICTIONS</b>	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.	

**12.6 Non-grass Animal Feeds (Forage, fodder, straw and hay)**

<b>NON-GRASS ANIMAL FEEDS (FORAGE, FODDER, STRAW, AND HAY)</b>		
<b>CROPS</b>	<b>Alfalfa</b> <b>Velvet Bean</b> <b>Clover</b> <b>Kudzu</b> <b>Lespedeza</b> <b>Lupin</b>	<b>Sainfoin</b> <b>Trefoil</b> <b>Vetch</b> <b>Crown Vetch</b> <b>Milk Vetch</b>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling diseases due to <i>F. graminearum</i> ) and <i>Rhizoctonia</i> spp.	
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**12.7 Root and Tuber Vegetables (Grown from seed)**

<b>ROOT AND TUBER VEGETABLES (GROWN FROM SEED)</b>		
<b>CROPS</b>	<b>Artichoke</b> (Chinese and Jerusalem) <b>Burdock</b> (edible) <b>Carrot</b> <b>Celery Root</b> <b>Chicory</b> <b>Ginger</b> <b>Horseradish</b> <b>Parsley</b>	<b>Parsnip</b> <b>Radish</b> (including oriental) <b>Rutabaga</b> <b>Salsify</b> (oyster plant, black and Spanish) <b>Turnip</b> <b>Turnip-rooted Chervil</b> <b>Skirret</b>



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2024-04-09**12.10 Leafy Vegetables (Except *Brassica*)**

<b>LEAFY VEGETABLES EXCEPT <i>BRASSICA</i></b>		
<b>CROPS</b>	<b>Amaranth</b> (leafy, chinese spinach tampala) <b>Celery</b> (including Chinese) <b>Celtuce</b> <b>Chervil</b> <b>Corn salad</b> <b>Cress</b> (garden and upland) <b>Dandelion</b> <b>Dock</b> <b>Endive</b> <b>Fennel</b> (finochio) <b>Lettuce</b> (head and leaf)	<b>Parsley</b> <b>Purslane</b> (common and winter) <b>Arugula</b> <b>Cardoon</b> <b>Chrysanthemum</b> (edible-leaves and garland) <b>Orach</b> <b>Radicchio</b> <b>Rhubarb</b> <b>Spinach</b> (including New Zealand and vine) <b>Swiss Chard</b>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling diseases due to <i>F. graminearum</i> ) and <i>Rhizoctonia</i> spp.	
<b>RATE</b>	5.2 – 10.4 mL/100 kg	
<b>APPLICATION METHOD</b>	Seed Treatment	
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.	
<b>RESTRICTIONS</b>	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.	

**12.11 *Brassica* (Cole) Leafy Vegetable Group**

<b><i>BRASSICA</i> (COLE) LEAFY VEGETABLE GROUP</b>		
<b>CROPS</b>	<b>Broccoli</b> (including Chinese and raab) <b>Brussels Sprouts</b> <b>Cabbage including:</b> Chinese Bok Choy Chinese nappa Chinese Mustard <b>Collards</b>	<b>Kale</b> <b>Kohlrabi</b> <b>Mustard Greens</b> <b>Mustard Spinach</b> <b>Rape Greens</b> <b>Cavalo Broccolo</b> <b>Mizuna</b>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling diseases due to <i>F. graminearum</i> ) and <i>Rhizoctonia</i> spp.	
<b>RATE</b>	5.2 – 10.4 mL/100 kg	
<b>APPLICATION METHOD</b>	Seed Treatment	
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.	
<b>RESTRICTIONS</b>	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.	

**12.12 Fruiting Vegetables (Except Cucurbits)**

<b>FRUITING VEGETABLES (EXCEPT CUCURBITS)</b>		
<b>CROPS</b>	<b>Eggplant</b> <b>Pepper including:</b> Bell Pepper Chili Pepper Cooking Pepper Pimento Sweet Pepper	<b>Tomato</b> <b>Groundcherry</b> <b>Pepino</b> <b>Tomatillo</b>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling diseases due to <i>F. graminearum</i> ) and <i>Rhizoctonia</i> spp.	
<b>RATE</b>	5.2 – 10.4 mL/100 kg	
<b>APPLICATION METHOD</b>	Seed Treatment	
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.	
<b>RESTRICTIONS</b>	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.	

**12.13 Cucurbit Vegetables**

<b>CUCURBIT VEGETABLES</b>		
<b>CROPS</b>	<b>Chayote (fruit)</b> <b>Chinese Waxgourd</b> <b>Citron Melon</b> <b>Cucumber</b> <b>Gherkin</b> <b>Gourd Edible</b> includes: Hyotan Cucuzzi Hechima Okra)	<b>Momordica</b> <b>All Muskmelon</b> <b>Pumpkin</b> <b>All Squash</b> <b>Watermelon</b>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling diseases due to <i>F. graminearum</i> ) and <i>Rhizoctonia</i> spp.	
<b>RATE</b>	5.2 – 10.4 mL/100 kg	
<b>APPLICATION METHOD</b>	Seed Treatment	
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.	
<b>RESTRICTIONS</b>	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.	

**12.14 Peanuts**

<b>CROP</b>	<b>Peanuts</b>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling diseases due to <i>F. graminearum</i> ) and <i>Rhizoctonia</i> spp.
<b>RATE</b>	5.2 – 10.4 mL/100 kg
<b>APPLICATION METHOD</b>	Seed Treatment
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.

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<b>RESTRICTIONS</b>	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.
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### 12.15 Herbs and Spices

<b>HERBS AND SPICES</b>	
<b>CROPS</b>	<p>Anise Anise (star) Basil Borage Burnet Camomile Caper Buds Caraway Black Caraway Cardamom Catnip Celery Seed Chervil Chive Chinese Chive Clary Coriander (Chinese Parsley or Cilantro) Costmary Cilantro (seed) Dill Seed Dill Weed Common Fennel Florence Fennel</p> <p>Horehound Hyssop Lavender Lemon Grass Lovage Lovage Seed Marigold Marjoram Mustard (seed) Nasturtium Parsley (dried) Pennyroyal Pepper (black and white) Poppy seed Rosemary Rue Sage Tansy Tarragon Thyme Wintergreen Sweet Woodruff Wormwood</p>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling diseases due to <i>F. graminearum</i> ) and <i>Rhizoctonia</i> spp.
<b>RATE</b>	5.2 – 10.4 mL/100 kg
<b>APPLICATION METHOD</b>	Seed Treatment
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.
<b>RESTRICTIONS</b>	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.

### 12.16 Beets (Garden, sugar)

<b>CROPS</b>	<b>Beets</b> (garden, sugar)
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling disease due to <i>F. graminearum</i> ), <i>Rhizoctonia</i> spp., <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.
<b>RATE</b>	5.2 – 10.4 mL/100 kg
<b>APPLICATION METHOD</b>	Seed Treatment
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.

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<b>RESTRICTIONS</b>	<p>For Import Use Only - DO NOT treat in Canada. — <del>not for domestic commercial or on-farm seed treatment.</del></p> <p>DO NOT prime, film-coat, encrust and/or pellet small seeded vegetables with fludioxonil in Canada.</p> <p>Do not graze or feed livestock on seeded area for 30 days.</p> <p>Treated seed must be conspicuously coloured.</p>
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### 12.17 Cauliflower

<b>CROP</b>	<b>Cauliflower</b>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling disease due to <i>F. graminearum</i> ), <i>Rhizoctonia</i> spp., <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.
<b>RATE</b>	5.2 – 10.4 mL/100 kg
<b>APPLICATION METHOD</b>	Seed Treatment
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.
<b>RESTRICTIONS</b>	<p>For Import Use Only - DO NOT treat in Canada.</p> <p>DO NOT prime, film-coat, encrust and/or pellet small seeded vegetables with fludioxonil in Canada.</p> <p>Do not graze or feed livestock on seeded area for 30 days.</p> <p>Treated seed must be conspicuously coloured.</p>

### 12.18 Oriental Mustard (Oilseed types)

<b>CROPS</b>	<b>Oriental Mustard (Oilseed types)</b>
<b>DISEASES CONTROLLED</b>	Seed-borne and soil-borne diseases caused by <i>Fusarium</i> spp. (including seedling disease due to <i>F. graminearum</i> ), <i>Rhizoctonia</i> spp., <i>Aspergillus</i> spp. and <i>Penicillium</i> spp.
<b>RATE</b>	5.2 – 10.4 mL/100 kg
<b>APPLICATION METHOD</b>	Seed Treatment
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.
<b>RESTRICTIONS</b>	<p>For Import Use Only - DO NOT treat in Canada.</p> <p>Do not graze or feed livestock on seeded area for 30 days.</p> <p>Treated seed must be conspicuously coloured.</p>

**12.19 Ginseng**

<b>CROP</b>	<b>Ginseng</b>
<b>DISEASES CONTROLLED</b>	Seed borne and soil-borne diseases caused by <i>Fusarium</i> spp. and <i>Rhizoctonia</i> spp. Cylindrocarpon root rot caused by <i>Cylindrocarpon destructans</i>
<b>RATE</b>	5.2 – 10.4 mL/100 kg
<b>APPLICATION METHOD</b>	Seed Treatment (Post Stratification)
<b>NOTES</b>	Use the higher rate for crops/cultivars that are expected to be more susceptible to seed-borne or soil-borne pathogens, or when high disease pressures are expected.
<b>RESTRICTIONS</b>	For Import Use Only - DO NOT treat in Canada.  Do not graze or feed livestock on seeded area for 30 days.  Treated seed must be conspicuously coloured.

**12.20 Tank Mixes**

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions For Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact Syngenta Canada Inc. at 1-87-SYNGENTA / 1-877-964-3682 for information before applying any tank mix that is not specifically recommended on this label.

Syngenta Canada Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) of all potential tank mixes under all environmental conditions or for all crop varieties. Tank mixes that are not specifically listed on this label should be tested on a small area first, under local conditions and using standard practices, to confirm the tank mix is suitable for widespread application.

To determine the physical compatibility of this product with other products, use a jar test.

Always read and follow label directions including WALES mixing order.

**13.0 RESISTANCE MANAGEMENT RECOMMENDATIONS**

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

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**To delay fungicide resistance:**

Where possible, rotate the use of MAXIM 480FS Colourless Seed Treatment 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.

Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.

Where possible, make use of predictive disease models to effectively time fungicide applications.

Monitor treated fungal populations for resistance development. Notify Syngenta Canada Inc. if reduced sensitivity of the pathogen to MAXIM 480FS Colourless Seed Treatment Fungicide is suspected.

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 or to report suspected resistance, contact Syngenta company representatives at 1-877-SYNGENTA (1-877-964-3682) or at [www.syngenta.ca](http://www.syngenta.ca).

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