

GROUP	1	4	11	12	FUNGICIDES
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MAXIM® QUATTRO Seed Treatment

SUSPENSION

AGRICULTURAL

FUNGICIDE

FOR TREATMENT OF CORN SEED BY COMMERCIAL SEED TREATERS ONLY.

A seed treatment for the control of listed fungal diseases on corn.

ACTIVE INGREDIENTS:

Fludioxonil.....	3.32%
Metalaxyl-M and S-isomer.....	2.65%
Azoxystrobin	1.33%
Thiabendazole	26.5%

Contains 1,2-benzisothiazolin-3-one at 0.019 % as a preservative.

READ THE LABEL AND PAMPHLET BEFORE USING

POTENTIAL SKIN SENSITIZER

Warning, contains the allergen sulphites

REGISTRATION NUMBER: **29871**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **5 L to Bulk**

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

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

All seed treated with this product must be conspicuously coloured at the time of treatment.

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. The user assumes the risk to persons or property that arises from any such use of this product.

2.0 FIRST AID

IF POISONING IS SUSPECTED, 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, 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 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.

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 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.

3.0 TOXICOLOGICAL INFORMATION

NOTE TO PHYSICIAN: Treat symptomatically.

4.0 PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS. For use with commercial seed treaters (facilities and mobile treaters). Potential skin sensitizer. Wash hands and face after handling and before eating or smoking. Avoid contamination of feed and foodstuffs.

Do not apply in a way that this product will contact workers or other persons, either directly or through drift. Only handlers (mixers, loaders and applicators) wearing personal protective equipment may be in the area being treated during application.

Treat seed in a well ventilated area. Avoid inhalation of vapors, spray mist or treated seed dust. 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.

When applied as a tank-mix combination, read and observe all label directions, including rates, restrictions, and grazing limitations for each product used in the tank- mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

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)

Commercial seed treatment

When treating seed, or cleaning, maintaining or repairing seed treatment equipment, wear chemical-resistant coveralls over a long sleeved shirt, long pants and chemical resistant gloves. When bagging, sewing or stacking bags of treated seed or moving bags with a forklift, wear coveralls over a long sleeved shirt, long pants and gloves. For good hygiene practice, it is recommended to wear a suitable dust mask during all job activities.

6.0 ENVIRONMENTAL HAZARDS

This product is TOXIC to aquatic organisms. Do not apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats. Do not contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes. Do not discharge effluent containing this product into sewer systems, lakes, streams, ponds, estuaries, oceans and other waters.

Treated seed is TOXIC to birds and other wildlife. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil or other surfaces. Ensure that treated seed is properly incorporated at planting.

The use of this product may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) or the water table is shallow.

7.0 USE RESTRICTIONS

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, metalaxyl-M and S-isomer, azoxystrobin and thiabendazole fungicides. Wear a long-sleeved shirt, long pants and chemical resistant gloves when handling treated seeds. Keep out of reach of children and domestic animals. Do not use for food, feed or oil purposes. Store away from food and feed. Do not graze corn 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."**

8.0 STORAGE

Ideal storage temperature is above freezing and below 30°C. Repeated freeze-thawing of MAXIM® QUATTRO Seed Treatment will not affect the physical integrity of the product. If the product should freeze, bring the product back to room temperature and ensure the contents are mixed well prior to application. To prevent contamination, store this product away from food or feed.

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).

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

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

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PAMPHLET

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CALL 1-800-327-8633 (FASTMED)**

10.0 PRODUCT INFORMATION

MAXIM QUATTRO Seed Treatment is a seed treatment fungicide which controls seed- and soil-borne diseases of field corn, sweet corn and popcorn. MAXIM QUATTRO Seed Treatment is active against *Pythium*, *Rhizoctonia*, *Fusarium* (including seedling disease due to *F. graminearum* and *F. verticillioides*), and against weakly pathogenic fungi such as *Aspergillus*

and *Penicillium*.

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 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 field corn, sweet corn and popcorn 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.

11.2 Mixing Instructions

Apply MAXIM QUATTRO Seed Treatment 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 QUATTRO Seed Treatment 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 QUATTRO Seed Treatment may not flow through a seed drill at the same rate as untreated seed. Recalibrate the seed drill before planting treated seed.

This product contains no colourant. An appropriate colourant must be added when this product is applied to seed. Regulations pertaining to the "Seeds Act" must be strictly adhered to when using this product. A red colourant must be added when this product is applied to grain.

12.0 CROP USE DIRECTIONS

Crop	Target Diseases	Use Rate (mg active ingredient per seed*)	Remarks
Corn: Field, Pop, Sweet (includes seed production)	Control of seed and soil-borne <i>Pythium</i> , <i>Rhizoctonia</i> , <i>Fusarium</i> (including <i>F. graminearum</i> and <i>F.</i> <i>verticillioides</i>), and weakly pathogenic fungi such as <i>Aspergillus</i> and <i>Penicillium</i> causing seed rot/ pre-emergence damping-off, post-emergence damping-off, and seedling blight	67 mL/100 kg seed* (0.064 mg ai/seed)**	Treated sweet corn should be planted and not carried over to the following year.

*Based on 80 000 seeds per 20.4 kg (45 lb) bag.

** Delivering 0.05 mg of thiabendazole, 0.0064 mg of fludioxonil, 0.005 mg of metalaxyl-M and 0.0025 mg of azoxystrobin per seed.

MAXIM QUATTRO Seed Treatment may be tank mixed with CRUISER® 5FS Seed Treatment Insecticide or CRUISER 350FS Seed Treatment Insecticide for control of the labeled insects. Observe all precautions, limitations, rates, and directions for use on the respective labels before applying.

13.0 RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that MAXIM QUATTRO Seed Treatment contains Groups 1, 4, 11 and 12 fungicides. Any fungal population may contain individuals naturally resistant to MAXIM QUATTRO Seed Treatment and other Group 1, 4, 11 or 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 QUATTRO Seed Treatment or other Group 1, 4, 11 or 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 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 1-87-SYNGENTA (1-877-964-3682) or at www.syngenta.ca

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