

GROUP	4	12	FUNGICIDES
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APRON MAXX[®] RFC

SEED TREATMENT FUNGICIDE

SUSPENSION

AGRICULTURAL

A SEED TREATMENT PRODUCT FOR CONTROL OF CERTAIN SEED-BORNE AND SOIL-BORNE DISEASES OF SOYBEANS, BEANS, CHICKPEAS, LENTILS, LUPINS, FABA BEANS, AND PEAS.

GUARANTEE:

Fludioxonil.....2.31%
Metalaxyl-M and S-isomer.....3.46%

Contains 1,2-benzisothiazolin-3-one at 0.004% as a preservative.

**READ THE LABEL AND ATTACHED PAMPHLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

POTENTIAL SKIN SENSITIZER

REGISTRATION NO: **28817**
PEST CONTROL PRODUCTS ACT

ALL SEED TREATED WITH THIS PRODUCT MUST BE CONSPICUOUSLY COLOURED

Syngenta Canada Inc.
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Telephone: 1-877-964-3682

PAMPHLET

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.

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 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. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give **any** liquid to the person. 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.

TOXICOLOGICAL INFORMATION

NOTE TO PHYSICIAN: Treat symptomatically. Induce emesis or lavage stomach if a large amount of product has been ingested.

PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN. Harmful if swallowed. Avoid contact with eyes or prolonged contact with skin. Avoid inhalation of vapours or spray mist. Wash hands and face after handling and before eating or smoking. 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 during application. Wear a suitable dust mask when bagging or sewing bags of treated seed or transferring seed to a storage bin.

For On-Farm Use: When handling APRON MAXX[®] RFC Seed Treatment Fungicide, contaminated equipment or seed treated with APRON MAXX RFC Seed Treatment Fungicide, wear long pants, a long-sleeved shirt and chemical resistant gloves. In addition, wear a dust mask or appropriate respirator to minimize exposure to dust.

For Commercial Seed Treatment Plant Use: When handling APRON MAXX RFC Seed Treatment Fungicide, contaminated equipment or seed treated with APRON MAXX RFC Seed Treatment Fungicide, wear long-sleeved coveralls over normal work clothing and chemical resistant gloves. In addition, wear a suitable dust mask when bagging or sewing bags of treated seed or when transferring seed to a storage bin.

Do not contaminate food, feed or domestic water supplies.

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., visit CropLife Canada's web site at www.croplife.ca.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and other aquatic organisms. Do not apply directly to aquatic 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. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned up.

USE LIMITATIONS

1. Do not use treated seed for food, feed or oil purposes.
2. Do not plant any crop other than soybeans, beans, chickpeas, lentils, lupins and peas within 30 days to fields in which treated seeds were planted.

NOTE:

Seed treated with APRON MAXX RFC Seed Treatment Fungicide must be labeled with the following statements: **“This seed has been treated with fludioxonil and metalaxyl-M and S-isomer fungicides. Do not use for food, feed or oil purposes. Store away from feeds and foodstuffs. When handling treated seed, use chemical resistant gloves. Do not plant any crop other than soybeans, beans, chickpeas, lentils, lupins, faba beans, and peas within 30 days to fields in which treated seeds were planted. Do not contaminate food, feed or domestic water supplies. This product is toxic to fish and other aquatic organisms. Do not apply directly to aquatic habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats. DO NOT contaminate water by cleaning of equipment or disposal of wastes. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned up.”**

DISPOSAL OF UNUSED, UNWANTED PRODUCT

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 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 spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for future use.

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

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 reuse this container for any other purpose.

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

GENERAL INFORMATION

APRON MAXX RFC Seed Treatment Fungicide controls certain seed-borne and soil-borne diseases of soybeans, beans, chickpeas, lentils, lupins, faba beans, and peas. The formulation contains a colouring agent which will colour the treated seed. Thorough seed coverage will offer the best protection of the seed from seed, soil borne, and seedling diseases.

APRON MAXX RFC Seed Treatment Fungicide is active against a wide range of plant diseases caused by *Fusarium* spp., *Rhizoctonia* spp., *Pythium* spp., *Phytophthora* spp., *Ascochyta* spp. and seed-borne *Colletotrichum* spp. and *Botrytis* spp.

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, reduced emergence 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.

Note: Experience has shown that strains of fungus resistant to metalaxyl-M may develop. Failure to control the disease will likely result in crop damage and/or yield losses. Since the occurrence of resistance cannot be foreseen, Syngenta Canada Inc. accepts no responsibility for any loss of, or damage to, crops resulting from the failure of APRON MAXX RFC Seed Treatment Fungicide to control the resistant fungus strains. If disease appears in a treated field, consult the government extension specialist immediately.

DIRECTIONS FOR USE

APRON MAXX RFC Seed Treatment Fungicide is a seed treatment formulation for use in commercial seed treatment plants, and for on-farm treatment using standard gravity flow or mist type seed treatment equipment which accurately meters, mixes and applies a flowable seed treatment. APRON MAXX RFC Seed Treatment Fungicide may also be used in treat-on-the-go air seeders. The equipment must provide uniform coverage of APRON MAXX RFC Seed Treatment Fungicide on the seed. Uneven seed coverage may not give the desired level of disease control. Allow the seed to dry before bagging, storing or seeding.

Seed Treatment and Inoculants:

APRON MAXX RFC Seed Treatment Fungicide is compatible with Rhizobium based inoculants. Mix the desired amount of APRON MAXX RFC Seed Treatment Fungicide with half of the required water or liquid inoculants and mix thoroughly. Add the remaining amount of water or liquid inoculant and mix again. The slurry is ready for application; do not store diluted mixture. Additional or continuous agitation or mixing of the slurry mixture may be necessary to prevent the APRON MAXX RFC Seed Treatment Fungicide from settling out when using water or liquid inoculants. Please check with inoculant manufacturers for application and compatibility details prior to use. Consult the manufacturer of the application equipment planned to be used for suitability for this application and for instructions on operation and calibration of the equipment.

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

Seed treated with APRON MAXX RFC Seed Treatment Fungicide, or a combination of APRON MAXX RFC Seed Treatment Fungicide and seed inoculants, may not flow through a seed drill at the same rate as untreated seed. Recalibrate the seed drill before planting treated seed. **Mixing with inoculants may increase drying time while treating, extending the processing time.**

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, storage or seeding 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.

USE RATES

For control of various seed-borne and soil-borne diseases on soybeans, beans, chickpeas, lentils, lupins, faba beans, and peas, apply 100 mL of APRON MAXX RFC Seed Treatment Fungicide plus 230 mL of water (or Rhizobia inoculant at rates recommended by the manufacturer to achieve proper total slurry volumes) per 100 kg of seed.

Crop	Diseases Controlled
Soybeans¹	Seed rot/pre-emergence damping-off and post-emergence damping-off caused by <i>Fusarium</i> spp., <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp. Seedling blight caused by <i>Fusarium</i> spp. and <i>Pythium</i> spp. Seedling root rot caused by <i>Fusarium</i> spp. Seed rot and seedling blight caused by seed-borne <i>Phomopsis</i> spp. Early season root rot caused by <i>Phytophthora megasperma</i> var. <i>sojae</i> . ²
Dry Beans	Seed rot/pre-emergence damping-off and post-emergence damping-off caused by <i>Fusarium</i> spp., <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp. Seedling blight caused by <i>Pythium</i> spp. Anthracnose caused by seed-borne <i>Colletotrichum</i> spp.
Chickpeas	Seed-borne Ascochyta blight caused by <i>Ascochyta rabiei</i> Seed rot/pre-emergence damping-off and post-emergence damping-off caused by <i>Fusarium</i> spp., <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp. Seedling blight caused by <i>Fusarium</i> spp. and <i>Pythium</i> spp. Seed rot and seedling blight caused by seed-borne <i>Botrytis</i> spp.
Lentils	Seed-borne Ascochyta blight caused by <i>Ascochyta lentis</i> Seed rot/pre-emergence damping-off, post-emergence damping-off and seedling blight caused by <i>Fusarium</i> spp., <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp. Seedling root rot caused by <i>Fusarium</i> spp. Seed rot and seedling blight caused by seed-borne <i>Botrytis</i> spp.
Dry Peas	Seed-borne Ascochyta blight and foot rot caused by <i>Ascochyta pinodes</i> Seed rot/pre-emergence damping-off, post-emergence damping-off and seedling blight caused by <i>Fusarium</i> spp., <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp.

¹ Based on 6,660 soybean seeds per kg, APRON MAXX RFC Seed Treatment Fungicide delivers 9.5 µg of active ingredients (3.8 µg of fludioxonil and 5.7 µg of metalaxyl-M) per seed.

² APRON MAXX RFC Seed Treatment Fungicide provides early season protection against *Phytophthora* root rot for tolerant varieties of soybeans. If target fields have a history of high *Phytophthora* pressure, or more susceptible varieties are to be treated, then tank-mix 100 mL of APRON MAXX RFC Seed Treatment Fungicide with 31 mL of APRON XL[®] LS Fungicide per 100 kg of seed.

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Syngenta Canada Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Syngenta Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on the crops listed below.

Accordingly, the User assumes all risks related to phytotoxicity and crop tolerance arising, and agrees to hold Syngenta Canada Inc. harmless from any claims based on efficacy and/or phytotoxicity in connection with the uses described below.

Crop	Diseases Controlled	Use Rate per 100 kg seed	Notes
Edible-Podded and Succulent-Shelled Peas	Seed-borne <i>Ascochyta</i> blight and foot rot caused by <i>Ascochyta pinodes</i> Control of seed rot/pre-emergence damping-off, post-emergence damping-off and seedling blight caused by <i>Fusarium</i> spp., <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp.	100 mL	One application as a seed treatment.
Edible-Podded and Succulent-Shelled Beans	Control of seed rot/pre-emergence damping-off, and post-emergence damping-off caused by <i>Fusarium</i> spp., <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp. Control of seedling blight caused by <i>Pythium</i> spp. Anthracnose caused by seed-borne <i>Colletotrichum</i> spp.		
Lupins	Control of seed rot/pre-emergence damping-off, post-emergence damping-off and seedling blight caused by <i>Fusarium</i> spp., <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp.		
Faba Beans	Control of seed rot/pre-emergence damping-off, post-emergence damping-off and seedling blight caused by <i>Fusarium</i> spp., <i>Pythium</i> spp. and <i>Rhizoctonia</i> spp.		

Resistance Management Recommendations

For resistance management, please note that APRON MAXX RFC Seed Treatment Fungicide contains Group 4 and 12 fungicides. Any fungal population may contain individuals naturally resistant to APRON MAXX RFC Seed Treatment Fungicide and other Group 4 and 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 APRON MAXX RFC Seed Treatment Fungicide or other Group 4 and 12 fungicides with different groups that control the same pathogens.

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 or to report suspected resistance, contact company representatives at 1-877-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.

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