

GROUP	4	12	FUNGICIDES
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APRON MAXX RTA®

SEED TREATMENT FUNGICIDE

SUSPENSION

AGRICULTURAL

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

GUARANTEE:

Fludioxonil..... 0.73%
Metalaxyl-M and S-isomer 1.10%

Contains 1,2-benzisothiazolin-3-one at 0.002% as a preservative.

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

REGISTRATION NO: **27577**
PEST CONTROL PRODUCTS ACT

ALL SEED TREATED WITH THIS PRODUCT MUST BE CONSPICUOUSLY COLOURED

Syngenta Crop Protection 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 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 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 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.

TOXICOLOGICAL INFORMATION

NOTE TO PHYSICIAN: 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.

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 when transferring seed to a storage bin.

For On-Farm Use: When handling APRON MAXX RTA Seed Treatment Fungicide, contaminated equipment or seed treated with APRON MAXX RTA 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 RTA Seed Treatment Fungicide, contaminated equipment or seed treated with APRON MAXX RTA 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 this product 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 (succulent and dry cultivars), chickpeas, lentils, lupins, faba beans and peas (succulent and dry cultivars, including field peas) within 30 days to fields in which treated seeds were planted.

NOTE

Seed treated with APRON MAXX RTA Seed Treatment Fungicide must be labeled with the following statements: **“This seed has been treated with fludioxonil and metalaxyl-M 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 (succulent and dry cultivars), chickpeas, lentils, lupins, faba beans and peas (succulent and dry cultivars, including field 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 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 RTA Seed Treatment Fungicide is a ready-to-apply seed treatment which controls certain seed-borne and soil-borne diseases of soybeans, beans, chickpeas, lentils 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 RTA 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 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 treated seed.

Note: Experience has shown that strains of fungus resistant to metalaxyl-M may develop. Failure to control the disease will result in crop damage and/or yield losses. Since the occurrence of the resistance cannot be foreseen, Syngenta Crop Protection Canada, Inc. accepts no responsibility for any loss of, or damage to, crops resulting from the failure of APRON MAXX RTA 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 RTA Seed Treatment Fungicide is a ready-to-apply 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 RTA Seed Treatment Fungicide may also be used in treat-on-the-go air seeders. The equipment must provide uniform coverage of APRON MAXX RTA 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 treated with APRON MAXX RTA Seed Treatment Fungicide, or a combination of APRON MAXX RTA 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.**

Seed Treatment and Inoculants:

APRON MAXX RTA Seed Treatment Fungicide is compatible with Rhizobium based inoculants. Please check with inoculant manufacturers for details prior to use.

This product does not require the addition of water for application. 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 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, 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 seed-borne and soil-borne diseases of soybeans, dry beans, chickpeas, lentils and dry peas (including field peas), apply 325 mL of APRON MAXX RTA Seed Treatment Fungicide per 100 kg of seed to the crops listed.

Crop	Diseases Controlled
Soybeans¹	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>Fusarium</i> spp., and <i>Pythium</i> spp. Control of 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	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.
Chickpeas	Seed-borne Ascochyta blight caused by <i>Ascochyta rabiei</i> 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>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> 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. Control of 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> 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.

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

²APRON MAXX RTA 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 susceptible varieties are to be treated, then tank-mix 325 mL of APRON MAXX RTA 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 Crop Protection Canada, Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Syngenta Crop Protection 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 agree to hold Syngenta Crop Protection 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.	325 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 RTA Seed Treatment Fungicide contains Group 4 and 12 fungicides. Any fungal population may contain individuals naturally resistant to APRON MAXX RTA 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 RTA 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 disease problems in your area.

For further information or to report suspected resistance, contact company representatives at 1-87-SYNGENTA (1-877-964-3682) or at www.syngenta.ca.

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