

APRON XL® LS

SEED TREATMENT FUNGICIDE

COMMERCIAL - AGRICULTURAL

SUSPENSION

A seed treatment fungicide for control of early season *Phytophthora* root rot, systemic downy mildew, and *Pythium* causing damping-off, seed rot diseases of certain crops.

ACTIVE INGREDIENT:

Metalaxyl-M and S-isomer 33.3 %

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



POISON

WARNING - EYE IRRITANT

REGISTRATION NUMBER: **25585**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **1 L to 55 L**

Syngenta Canada Inc.

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

For use in seed treatment plant only. 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.

2.0 FIRST AID

IN CASE OF POISONING, contact a physician 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 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

Treat symptomatically. Contact with eyes may require specialized ophthalmologic examination.

4.0 PRECAUTIONS

KEEP OUT OF THE REACH OF CHILDREN AND DOMESTIC ANIMALS.

Harmful if swallowed. Causes eye irritation. DO NOT get in eyes. Avoid prolonged contact with skin. Avoid inhalation of vapours, spray mist or treated seed dust.

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

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

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)

When handling this product, wear goggles or a face shield.

When handling APRON XL® LS Fungicide, contaminated equipment or seed treated with APRON XL LS 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 seed treated with APRON XL LS Fungicide, or when transferring seed to a storage bin.

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 treating, 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

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.

Treated seed is toxic to birds and small wild mammals. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil or other surfaces.

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 use in hopper-box, planter-box, slurry-box or other non-commercial seed treatment applications at, or immediately before, planting.

4. All bags containing treated seed for sale or use in Canada must be labelled or tagged as follows: **“This seed has been treated with APRON XL LS Fungicide which contains metalaxyl-M and S-isomer. Use chemical resistant gloves when handling treated seed. Do not graze or feed livestock on seeded area for four weeks after planting. Do not use for food, feed or oil processing. Store away from food and feed. Do not contaminate food, feed or domestic water supplies. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface. Keep out of reach of children and domestic animals.”**
5. All bags containing treated seed for export must be labelled or tagged as follows: **“FOR EXPORT ONLY - NOT FOR DOMESTIC SALE OR USE IN CANADA. This seed has been treated with APRON XL LS Fungicide which contains metalaxyl-M and S-isomer. Use chemical resistant gloves when handling treated seed. Do not use for food, feed or oil processing. Store away from food and feed.”**
6. For treatment of seed for export, treater should verify actual registered rate in country of destination and/or use before exportation.

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.

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 reuse this container for any other purpose.

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.

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

APRON XL® is a trademark of a Syngenta Group Company.

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COMMERCIAL -AGRICULTURAL

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PAMPHLET

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2. Store away from food, feed and out of the reach of children and animals.
3. Do not use in hopper-box, planter-box, slurry-box or other non-commercial seed treatment applications at, or immediately before, planting.

4. All bags containing treated seed for sale or use in Canada must be labelled or tagged as follows: **“This seed has been treated with APRON XL LS Fungicide which contains metalaxyl-M and S-isomer. Use chemical resistant gloves when handling treated seed. Do not graze or feed livestock on seeded area for four weeks after planting. Do not use for food, feed or oil processing. Store away from food and feed. Do not contaminate food, feed or domestic water supplies. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface. Keep out of reach of children and domestic animals.”**
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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.

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

10.0 PRODUCT INFORMATION

APRON XL LS Fungicide is a systemic fungicide seed treatment product containing metalaxyl-M and S-isomer for the control of diseases caused by soil-borne *Pythium* and *Phytophthora* spp. and for systemic downy mildews. For control of other soil-borne diseases, such as *Rhizoctonia* spp., APRON XL LS Fungicide should be applied in combination with other registered seed treatment fungicides.

APRON XL LS Fungicide may be applied as a water-based slurry with other registered seed treatment insecticides and fungicides through standard slurry- or mist-type commercial seed treatment equipment.

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 seed.

Experience has shown that strains of fungus resistant to metalaxyl-M and S-isomer 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 Canada Inc. accepts no responsibility for any loss of, or damage to, crops resulting from the failure of APRON XL LS Fungicide to control the resistant fungus strains.

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.

Apply APRON XL LS 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 APRON XL LS 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 seed treatment process. Allow the seed to dry before bagging.

Depending on planting equipment, seed treated with APRON XL LS Fungicide or a combination

of APRON XL LS Fungicide and other seed treatment products may not flow through planting equipment at the same rate as untreated seed. Recalibrate this equipment before planting treated seed.

When a rate range is specified, use the higher rate of APRON XL LS Fungicide when planting into fields with a history of *Pythium* damping-off disease (*Pythium* spp.) and/or under high disease pressure.

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

12.1. Cereal Grains (Including Forage and Silage)

CEREAL GRAINS (INCLUDING FORAGE AND SILAGE)	
CROPS	Corn (Field Corn, Sweet Corn and Popcorn) Wheat Barley (export use only) Oats (export use only) Rye (export use only)
DISEASES CONTROLLED	<i>Pythium</i> damping-off
RATE	20 – 40 mL/100 kg seed (7.5 - 15 g ai/100 kg seed)
APPLICATION METHOD	Seed Treatment
RESTRICTIONS	Barley, oats, and rye for export use only. This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.
CROPS	Sorghum (export use only)
DISEASES CONTROLLED	<i>Pythium</i> damping-off on all sorghum cultivars
RATE	20 – 40 mL/100 kg seed (7.5 - 15 g ai/100 kg seed)
DISEASES CONTROLLED	Systemic downy mildew
RATE	40 – 80 mL/100 kg seed (15 - 30 g ai/100 kg seed)
APPLICATION METHOD	Seed Treatment
NOTES	Use low rate for seed on cultivars which possess sorghum downy mildew resistance. For those cultivars which do not possess resistance to a particular race of sorghum downy mildew grown in areas with recent history of severe disease, use high rate.
RESTRICTIONS	For export use only. Seed treated with the high rate should be planted and not carried over to the following year. Only high quality sorghum seed (90% germ and above) should be treated with APRON XL LS Fungicide. This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.

12.2. Oilseeds

OILSEEDS	
CROPS	Canola
DISEASES CONTROLLED	<i>Pythium</i> damping-off
RATE	20 mL/100 kg seed
APPLICATION METHOD	Seed Treatment
RESTRICTIONS	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.
CROPS	Sunflower
DISEASES CONTROLLED	<i>Pythium</i> damping-off
RATE	40 mL/100 kg seed (15 g ai/100 kg seed)
DISEASES CONTROLLED	Systemic downy mildew
RATE	80 mL/100 kg seed (30 g ai/100 kg seed)
APPLICATION METHOD	Seed Treatment
RESTRICTIONS	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.

12.3. Legume Vegetables (Succulent or Dry)

LEGUME VEGETABLES (SUCCULENT OR DRY)	
CROPS	<p>Soybean (includes immature seed)</p> <p>Bean (<i>Lupinus</i> spp. - includes Grain Lupin, Sweet Lupin, White Lupin, White Sweet Lupin)</p> <p>Bean (<i>Phaseolus</i> spp. - includes Field Bean, Kidney Bean, Lima Bean, Navy Bean, Pinto Bean, Runner Bean, Snap Bean, Tepary Bean, and Wax Bean)</p> <p>Bean (<i>Vigna</i> spp. - includes Adzuki Bean, Asparagus Bean, Blackeyed Pea, Catjang, Chinese Longbean, Cowpea, Crowder Pea, Moth Bean, Mung Bean, Rice Bean, Southern Pea, Urd Bean and Yardlong Bean)</p> <p>Broad Bean</p> <p>Chickpea</p> <p>Guar</p> <p>Jackbean</p> <p>Lablab Bean,</p> <p>Pea (<i>Pisum</i> spp. – includes Dwarf Pea, Edible-Pod Pea, English Pea, Field Pea, Garden Pea, Green Pea, Snow Pea, Sugar Snap Pea)</p> <p>Pigeon Pea</p> <p>Sword Bean</p>
DISEASES CONTROLLED	<i>Pythium</i> damping-off
RATE	20 – 40 mL/100 kg seed (7.5 - 15 g ai/100 kg seed)
DISEASES CONTROLLED	Early season <i>Phytophthora</i> root rot
RATE	40 mL/100 kg seed (15 g ai/100 kg seed)
APPLICATION METHOD	Seed Treatment
NOTES	For soybean, 40 mL rate is equivalent to 0.061 µL/seed (0.023 mg ai/seed) based on a seed weight of 6600 seeds/kg.
RESTRICTIONS	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.
CROPS	Lentils
DISEASES CONTROLLED	<i>Pythium</i> damping-off
RATE	7 mL/100 kg seed
APPLICATION METHOD	Seed Treatment
RESTRICTIONS	Use for low tannin varieties which are for domestic seed production or sold for export only.

	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.
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12.4. Grass Forage, Fodder and Hay

GRASS FORAGE, FODDER AND HAY	
CROPS	All Grasses (including Bermuda grass, Bluegrass, and Fescue or Bromegrass) All Gramineae Family (either green or cured [except those in the Cereal Grains group] that will be fed to or grazed by livestock) All pasture and range grasses and grasses grown for hay or silage
DISEASES CONTROLLED	<i>Pythium</i> damping-off
RATE	20 – 40 mL/100 kg seed (7.5 - 15 g ai/100 kg seed)
APPLICATION METHOD	Seed Treatment
RESTRICTIONS	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.
CROPS	Turf Grasses
DISEASES CONTROLLED	<i>Pythium</i> damping-off
RATE	40 mL/100 kg seed (15 g ai/100 kg seed)
APPLICATION METHOD	Seed Treatment
NOTES	For turf grass seed for golf courses, home lawns, reclamation, and erosion control projects.
RESTRICTIONS	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.

12.5. Non-Grass Animal Feeds (Forage, Fodder, Straw and Hay)

NON-GRASS ANIMAL FEEDS (FORAGE, FODDER, STRAW AND HAY)	
CROPS	Sainfoin
DISEASES CONTROLLED	<i>Pythium</i> damping-off
RATE	20 – 40 mL/100 kg seed (7.5 - 15 g ai/100 kg seed)
APPLICATION METHOD	Seed Treatment
RESTRICTIONS	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.
CROPS	Alfalfa Clover Trefoil Vetch
DISEASES CONTROLLED	<i>Pythium</i> damping-off and early season <i>Phytophthora</i> root rot
RATE	40 mL/100 kg seed
APPLICATION METHOD	Seed Treatment
RESTRICTIONS	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.

12.6. Root Vegetables

CROPS	Sugar Beet
DISEASES CONTROLLED	<i>Pythium</i> damping-off
RATE	20 – 40 mL/100 kg seed (7.5 - 15 g ai/100 kg seed)
APPLICATION METHOD	Seed Treatment
RESTRICTIONS	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.

12.7. 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 MINOR USES

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

The DIRECTIONS FOR USE for the uses described in this section of the label were developed by persons other than Syngenta Canada Inc. under the User Requested Minor Use Label Expansion program. For these uses, Syngenta Canada Inc. has not fully assessed performance (efficacy) and/or crop tolerance (phytotoxicity) under all environmental conditions or for all crop varieties when used in accordance with the label. The user should test the product on a small area first, under local conditions and using standard practices, to confirm the product is suitable for widespread application.

13.1. Bulb Vegetables

CROPS	Onion (dry and bunching)
DISEASES CONTROLLED	<i>Pythium</i> damping-off
RATE	20 mL/100 kg seed (7.5 g ai/100 kg seed)
APPLICATION METHOD	Seed Treatment
RESTRICTIONS	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.

13.2. Root Vegetables (Except Sugar Beet)

ROOT VEGETABLES (EXCEPT SUGAR BEET)		
CROPS	Beet (garden) Burdock (edible) Carrot Celeriac Chervil (turnip-rooted) Chicory Ginseng Horseradish	Parsley (turnip-rooted) Parsnip Radish (including oriental) Rutabaga Salsify (oyster plant, black and Spanish) Skirret Turnip
DISEASES CONTROLLED	<i>Pythium</i> damping-off	
RATE	20 – 40 mL/100 kg seed (7.5 - 15 g ai/100 kg seed)	
APPLICATION METHOD	Seed Treatment	
RESTRICTIONS	This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.	

13.3. Cucurbit Vegetables

CUCURBIT VEGETABLES		
CROPS	Chayote Chinese Waxgourd Citron Melon Cucumber Gherkin Gourd Edible (includes Hyotan, Cucuzza, Hechima, Chinese Okra)	Momordica All Muskmelon Pumpkin All Squash Watermelon
DISEASES CONTROLLED	<i>Pythium</i> damping-off	
RATE	20 – 40 mL/100 kg seed (7.5 – 15 g ai/100 kg seed)	
APPLICATION METHOD	Seed Treatment	
RESTRICTIONS	DO NOT TREAT SEEDS IN CANADA. For import use only. Treated seed must be conspicuously coloured.	

13.4. Leafy Vegetables

LEAFY VEGETABLES		
CROPS	Amaranth Arugula Corn Salad Dandelion Leaves Dock Edible Leaved Chrysanthemum Endives	Head Lettuce Leaf Lettuce New Zealand Spinach Orach Leaves Parsley Leaves Radicchio Spinach

	Fresh Chervil Leaves Garden Cress Garden Purslane Garland Chrysanthemum	Upland Cress Vine Spinach Winter Purslane
DISEASES CONTROLLED	<i>Pythium</i> damping-off	
RATE	20 – 40 mL/100 kg seed (7.5 - 15 g ai/100 kg seed)	
APPLICATION METHOD	Seed Treatment	
RESTRICTIONS	<p>Do not apply APRON XL LS Fungicide to leafy greens which are destined to be grown in the greenhouse. Containers of bags containing APRON XL LS Fungicide treated leafy greens seed must be labelled with the restriction "Do not use seed for leafy greens destined to be grown in the greenhouse."</p> <p>This product contains no colourant. An appropriate colourant must be added when this product is applied to the seed.</p>	

13.5. Crop group 5A – Head and stem brassica

CROP GROUP 5A: HEAD AND STEM BRASSICA		
CROPS	Broccoli Chinese Broccoli Brussels Sprouts Cabbage Chinese Napa Cabbage	Chinese Mustard Cabbage Cauliflower Cavalo Broccoli Kohlrabi
DISEASES CONTROLLED	<i>Pythium</i> damping-off	
USE RATE	20 – 40 mL/100 kg seed (7.5 - 15 g ai/100 kg seed)	
APPLICATION METHOD	Seed Treatment	
RESTRICTIONS	<p>DO NOT TREAT SEEDS IN CANADA. For import use only – not for domestic commercial or on-farm seed treatment.</p> <p>Do not plant treated seed by hand.</p> <p>Treated seed must be conspicuously coloured.</p>	

13.6. Crop Group 8 - Fruiting Vegetables (Except cucurbits)

CROP GROUP 8: FRUITING VEGETABLES (EXCEPT CUCURBITS)		
CROPS	Eggplant Groundcherry Pepino Bell Pepper Chili Pepper	Cooking Pepper Pimento Sweet Pepper Tomatillo Tomato
DISEASES CONTROLLED	<i>Pythium</i> damping-off	
USE RATE	20 – 40 mL/100 kg seed (7.5 - 15 g ai/100 kg seed)	
APPLICATION METHOD	Seed Treatment	
RESTRICTIONS	<p>DO NOT TREAT SEEDS IN CANADA. For import use only – not for domestic commercial or on-farm seed treatment.</p> <p>Do not plant treated seed by hand.</p> <p>Treated seed must be conspicuously coloured.</p>	

14.0 RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, APRON XL LS Fungicide contains a Group 4 fungicide. Any fungal population may contain individuals naturally resistant to APRON XL LS Fungicide and other Group 4 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 XL LS Fungicide or other Group 4 fungicides with different groups that control the same pathogens.

Avoid application of more than the maximum number listed in the label and consecutive sprays of APRON XL LS Fungicide or other fungicides in the same group in a season.

Fungicide use should be based on an IPM 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.

Monitor treated fungal populations for signs of resistance development. Notify Syngenta Canada Inc. if reduced sensitivity of the pathogen to APRON XL LS 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 disease problems in your area.

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

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