

GROUP 4 FUNGICIDE

APRON FL

A seed treatment for control of seedling blights and seed rots caused by Pythium spp. on alfalfa, birdsfoot trefoil, beans, chickpeas, canola, clover, corn (field and sweet), grasses (forage and turf), sugar beets, soybeans, sorghum, vetch, peas (dry and processing), sunflowers, wheat, barley, oats, rye and sainfoin.

COMMERCIAL

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

GUARANTEE: Metalaxyl.....317 g/L

REGISTRATION NO. 24262 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

WARNING - SKIN AND EYE IRRITANT

Canadian Agent:
Gustafson Partnership
10-2712-37th Ave. NE
Calgary, AB T1Y 5L3

A quality product manufactured by:
Bayer CropScience Inc.
3131 114th Ave. S.E., Suite 100
Calgary AB T2Z 3X2

24 HOUR EMERGENCY
PHONE: (613) 996-6666

GROWER INFORMATION: 1-800-880-9481

Special Use Restrictions:

This product contains no colourant. An appropriate colourant must be added when this product is applied to seed. Apron FL is sold only to commercial seed treaters who can comply with these requirements. Regulations pertaining to colouration of treated seed enforced under the 'Seeds Act' must be strictly adhered to when using this product.

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Net Contents 3.79Litres

GENERAL INFORMATION: Apron FL is a systemic fungicide seed treatment for control of seed rots and seedling blights caused by Pythium spp. on a number of different crops including:

CROP

alfalfa, birdsfoot trefoil, clover, vetch
sainfoin, grasses (forage and turf)
beans, chickpeas, peas
canola, rapeseed, corn (field and sweet)
soybeans
sunflowers

DISEASE CONTROLLED

seed rots and seedling blights
seed rots and seedling blights
seed rots and seedling blights
seed rots and seedling blights
seed rots and seedling blights, early season Phytophthora
seed rots and seedling blights, Downy mildew

barley, oats, rye, wheat seed rots and seedling blights
 low tannin lentils* Pythium seed rot

*Only one application should be made to low tannin lentil seed. Apron FL may only be used on low tannin lentil seed destined for export or seed intended for seed production.

DIRECTIONS FOR USE: Apron FL should be mixed with water to form a slurry seed treatment. Use the high application rate to treat seed which is of poor quality or when planting into cold, wet soils is anticipated. Mix Apron FL with water as follows:

CANADA - APPLICATION RATE TABLE (mL per 100 kg seed)

CROP	Apron FL	Water	Total Vol.	Kilograms seed treated per 3.79 L jug
chickpeas, dry peas	16-110 mL	484-390 mL	500 mL	23,688 - 3,445
canola, rapeseed, processing peas	32-110 mL	468-390 mL	500 mL	11,844 - 3,445
alfalfa, beans, clover,				
corn (field and sweet), sainfoin, vetch	46-110 mL	454-390 mL	500 mL	8,239 - 3,445
grasses (forage), soybeans	46-93 mL	454-407 mL	500 mL	8,239 - 4,075
grasses (turf), sugarbeets	93 mL	407 mL	500 mL	4,075
sunflowers	110-189** mL	390-311 mL	500 mL	3,445 - 2,005
low tannin lentils***	16 mL	484 mL	500 mL	23,688

**high rate needed for Downy mildew control

***For use on low tannin lentils destined for EXPORT or SEED PRODUCTION only.

CROPS INTENDED FOR EXPORT: If the crop is intended for export the following rates should be used or consult with the importer to establish what rates of Apron FL are used on the crop in their country for controlling specific diseases.

EXPORT - APPLICATION RATE TABLE (mL per 100 kg seed)

CROP	Disease	Apron FL	Water	Total Vol.	Kilograms seed treated per 3.79 L jug
corn	Downy mildew	189-620 mL	311-0 mL	500-620 mL	2,005 - 611
peas	Downy mildew	146 mL	354 mL	500 mL	2,596
sunflowers	Downy mildew	620 mL	0 mL	620 mL	611
cereals					
(barley, oats, rye, wheat)	Pythium	46-110 mL	454-390 mL	500 mL	8,239 - 3,445
sorghum	Pythium	93-110 mL	407-390 mL	500 mL	4,075 - 3,445
	Downy mildew	189 mL	311 mL	500 mL	2,005
birdsfoot trefoil	Pythium	46-110 mL	454-390 mL	500 mL	8,239 - 3,445
low tannin lentils	Pythium	16 mL	484 mL	500 mL	23,688

The slurry should be applied as a spray into the mixing chamber of the seed treating equipment to ensure good coverage.

See instructions supplied with the applicable treater system for information on proper application techniques.

SLURRY PREPARATION:

When preparing the slurry the following procedure should be used.

- 1)Partially fill the mixing tank with water.
- 2)Add the required quantity of Apron FL onto the water surface.
- 3)Allow product to disperse and then switch on agitation.
- 4)Top up with extra water to required volume and maintain agitation during use.
- 5)Add colourant last.

NOTE: A suitable seed colourant such as Gustafson Pro-Ized®Dye Seed Colorant must be added to the slurry prior to application on the seed. Follow instructions on the colourant package for mixing with the Apron FL slurry. Apron FL treated seed may reduce seed flow in the seed drill. Recalibration of the seed drill may be required to obtain correct seeding rate before planting.

TRIPLE RINSING INSTRUCTIONS FOR CONTAINER DISPOSAL: This container should be triple rinsed prior to disposal. The rinsate can be added to the seed treatment provided the volume of water does not exceed the quantity indicated in the Application Rate table above. Add 200-300 mLs of rinse water to the container and swish the contents thoroughly. Empty the rinsate into the seed treater slurry tank and repeat this process two more times. Add additional water as required to obtain desired Total Volume. Mix slurry thoroughly before applying to seed. Replace the cap on jug and deliver to an approved pesticide container collection site. If no site is available make the empty container unsuitable for further use. (See Disposal Section)

RESISTANCE MANAGEMENT

For resistance management, please note that APRON FL contains a Group 4 fungicide. Any fungal population may contain individuals naturally resistant to APRON FL 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 FL or other Group 4 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide 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 Bayer CropScience at 1-888-283-6847 or at www.bayercropscience.ca.

USE RESTRICTIONS:

1. Treated seed must not be used for food, feed or oil processing.
2. Do not graze or feed livestock on treated areas for four weeks after planting.
3. Treated seed may be toxic to birds and other wildlife. Clean up any spilled seed. Ensure that treated seed is properly incorporated at planting.
4. Treated seed must be labelled as follows: 'This seed has been treated with Apron FL seed protectant which contains metalaxyl. Use chemical resistant gloves when handling treated seed. Do not use for feed, food or oil processing.'
5. All bags containing treated seed for export must be labelled or tagged as follows: "FOR EXPORT ONLY. This seed has been treated with Apron FL seed protectant which contains metalaxyl. Use chemical resistant gloves when handling treated seed. Do not use for feed, food or oil processing. Store away from feeds and foodstuffs."
6. No foliar application of metalaxyl can be used on low-tannin lentils grown from metalaxyl treated seed.

SAFETY PRECAUTIONS:

1. KEEP OUT OF REACH OF CHILDREN.
2. Wear coveralls over normal work clothing and chemical resistant gloves when handling APRON FL, contaminated equipment or APRON-treated seed. Do not use leather and cloth gloves.
3. Apron FL is an eye irritant. Protective eye wear should be worn when handling this product.
4. Use good personal hygiene, washing hands and exposed skin before eating, drinking or smoking. No food, drink or tobacco should be allowed in areas of chemical storage or use.
5. May be harmful if swallowed or absorbed through skin. Wash exposed skin after use.
6. 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.

TOXICOLOGICAL INFORMATION: NOTE TO PHYSICIANS: There is no specific antidote. If swallowed, induce vomiting with SYRUP OF IPECAC or INTUBATE the stomach.

FIRST AID:

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 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.

Take container, label, or product name and Registration Number with you when seeking medical attention.

STORAGE AND DISPOSAL:

STORAGE: Store product in original container only, away from other pesticides, fertilizer, food or feed. Keep container closed. Do not store Apron FL in direct sunlight. Do not store Apron FL above 35/C or below 0/C.

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

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.

NOTICE TO THE 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.

24262 (3.79L) - 107101

APRON FLA

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Net Contents 4 x 3.79Litres

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