

2024-0897
2024-09-06

Container Label

GROUP 3, 11 FUNGICIDE

MAXENTIS®

FUNGICIDE

EMULSIFIABLE CONCENTRATE

AGRICULTURAL

FOR CONTROL OR SUPPRESSION OF DISEASES ON LOWBUSH BLUEBERRIES,
CANOLA, PEAS, LENTILS, SOYBEANS, BARLEY, WHEAT AND OATS.

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

POISON



DANGER: CORROSIVE TO EYES AND SKIN

ACTIVE INGREDIENT:

Azoxystrobin120 g/L
Prothioconazole90 g/L

Warning, contains the allergen soy

REGISTRATION NO. 34963 PEST CONTROL PRODUCTS ACT

NET CONTENTS: 1 L to BULK

ADAMA Agricultural Solutions Canada Ltd.
300 - 191 Lombard Ave.
Winnipeg MB R3B 0X1
1-855-264-6262

For emergency medical help call PROPHARMA at 1 877 250 9291 (24 hours a day)
For spill, leak or fire call INFOTRAC at 1 800 535 5053 (24 hours a day)

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GENERAL INFORMATION

SECTION 1: THE PRODUCT

MAXENTIS® fungicide can be applied for control or suppression of diseases on lowbush blueberries, canola, peas, lentils, soybeans, barley, wheat and oats.

SAFETY AND HANDLING

SECTION 2: PRECAUTIONS, PROTECTIVE CLOTHING AND EQUIPMENT, AND RE-ENTRY RESTRICTIONS

KEEP OUT OF REACH OF CHILDREN. May be fatal if swallowed. May be fatal if absorbed through the skin. Avoid contact with skin and clothing. **CORROSIVE** to the eye and skin. **DO NOT** get in eyes and on skin. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. If product comes in contact with clothing, remove all contaminated clothing, wash skin with soap and water and dress in clean clothing. Launder applicator clothing separate from other laundry.

Apply only to agricultural crops when the potential for drift to areas of human habitation or areas of human activity such as houses, cottages, schools and recreational areas is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings. If this pest control product is to be used on a commodity that may be exported and you require information regarding Maximum Residue Limits for an importing country, please contact ADAMA Agricultural Solutions Canada Ltd. at 1-855-264-6262 or www.adama.com.

DO NOT enter or allow worker entry into treated areas to perform post application activities within 24 hours of application. REI = 24 hours.

PROTECTIVE CLOTHING AND ENGINEERING CONTROLS:

Mixing/Loading, Clean-up and Repair

Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and protective eyewear (goggles or face shield).

Groundboom and Aerial Application

Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, and chemical-resistant footwear. Coveralls, gloves and chemical-resistant footwear are not required during application within a closed cab and/or cockpit.

Airblast Application

Open cab: Wear chemical-resistant coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear, protective eyewear and chemical-resistant headgear. Chemical-resistant headgear includes Sou'Wester hat, chemical-resistant rain hat or large-brimmed waterproof hat and hood with sufficient neck protection.

Closed cab: Wear a long-sleeved shirt, long pants, socks and shoes.

Do not allow the pilot to mix chemicals to be loaded onto the aircraft. The pilot is allowed to load premixed chemicals with a closed system.

It is desirable that the pilot have communication capabilities at each treatment site at the time of application.

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All personnel on the job site must wash hands and face thoroughly before eating and drinking. Protective clothing, aircraft cockpit and vehicle cabs must be decontaminated regularly.

SECTION 3: FIRST AID

IF SWALLOWED, call a poison control centre or doctor immediately for treatment advice. Have a 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.

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

SECTION 4: TOXICOLOGICAL INFORMATION

The compound does not cause any definite symptoms that would be diagnostic. Contact with the eyes may cause irritation. Vomiting may cause aspiration pneumonia.

To Physician: No specific antidote. Treat symptomatically.

SECTION 5: ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms, birds, small wild mammals, and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Azoxystrobin is persistent and will carryover. It is recommended that any products containing azoxystrobin not be used in areas treated with this product during the previous season.

This product demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of MAXENTIS® in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

SECTION 6: STORAGE

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1. Store this product away from food or feed.
2. Keep away from fire or open flame or other sources of heat.
3. Do not store at temperatures below freezing.
4. If stored for 1 year or longer, shake well before using.
5. Store the tightly closed container away from feeds, seeds, fertilizer, plants and foodstuffs.
6. Do not use or store in or around the home.
7. Keep in original container during storage.
8. In case of fire, leaking or damaged containers, call toll free 1-800-535-5053.

SECTION 7: 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.

Returnable Container:

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

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 cleanup of spills.

Disposal of Unused Spray Solution:

If any spray solution remains in the tank after spraying is finished, it should be sprayed on the perimeter of the area just sprayed, **NOT ON THE CROP**, away from water supplies, ditches, and irrigation canals. Spray buffer zones indicated in the DIRECTIONS FOR USE must also be respected.

SECTION 8: 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.

MAXENTIS is a trademark of an ADAMA Group Company.

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Booklet Label

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This product demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of MAXENTIS® in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

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3. Do not store at temperatures below freezing.
4. If stored for 1 year or longer, shake well before using.
5. Store the tightly closed container away from feeds, seeds, fertilizer, plants and foodstuffs.
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SECTION 8: NOTICE TO USER

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DIRECTIONS FOR USE

SECTION 9: AERIAL APPLICATION LABEL INSTRUCTIONS

Apply only by fixed-wing or rotary aircraft equipment which has been functionally and operationally calibrated for the atmospheric conditions of the area and the application rates and conditions of this label.

Label rates, conditions and precautions are product specific. Read and understand the entire label before opening this product. Apply only at the rate recommended for aerial application on this label. Where no rate for aerial application appears for the specific use, this product cannot be applied by any type of aerial equipment.

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Ensure uniform application. To avoid streaked, uneven or overlapped application, use appropriate marking devices, or equivalent electronic position systems (GPS). The use of a spotter plane is recommended. Use mechanical flaggers only.

Use Precautions

Apply only when meteorological conditions at the treatment site allow for complete and even crop coverage. Apply only under conditions of good practice specific to aerial application as outlined in the *National Aerial Pesticide Application Manual*, developed by the Federal/Provincial/Territorial Committee on Pest Management and Pesticides.

Product Specific Precautions

Read and understand the entire label before opening this product. If you have questions, call the manufacturer at 1-855-264-6262 or obtain technical advice from the distributor or your provincial agricultural representative. Application of this specific product must meet and/or conform to the following:

Volume: Apply the recommended rate in a minimum spray volume of 47 L/ha.

SECTION 10: APPLICATION INSTRUCTIONS AND USE LIMITATIONS

- DO NOT apply more than once per crop season for wheat and barley.
- DO NOT apply this product through any type of irrigation system.
- DO NOT apply when weather conditions may cause spray drift from treated areas to adjacent crops.
- DO NOT apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats.
- Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.
- Aerial application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply when wind speed is greater than 16 km/h at flying height at the site of application. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Reduce drift caused by turbulent wingtip vortices. Nozzle distribution along the spray boom length **MUST NOT** exceed 65% of the wing- or rotorspan.
- 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 only when the potential for drift to areas of human habitation or areas of human activity (houses, cottages, schools and recreational areas) is minimal. Take into consideration wind speed, wind direction, temperature inversion, application equipment and sprayer settings.
- MAXENTIS® should be applied in a minimum of 100 litres of spray solution per hectare by ground sprayer or 47 litres of spray solution per hectare by aircraft spray equipment. Check equipment calibration frequently.

SECTION 11: PRE-HARVEST, GRAZING AND FEEDING INTERVALS

Wheat and barley – Applications may not be made within 45 days for mature grain and within 30 days for forage and hay. Do not allow livestock to graze or feed green forage to livestock prior to 6 days after treatment. Straw cut after harvest may be fed or used for bedding.

SECTION 12: SPRAY BUFFER ZONES

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Spray Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:		
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field sprayer	Lowbush blueberries	1	1	0	0	
	Oats	1	0	1	0	
	Barley, wheat, canola, peas, lentils, soybeans	1	1	1	1	
Aerial	Lowbush blueberries	Fixed wing	1	1	0	0
		Rotary wing	1	1	0	0
	Oats	Fixed wing	1	0	1	0
		Rotary wing	1	0	1	0
	Barley, wheat, canola	Fixed wing	1	1	1	1
		Rotary wing	1	1	1	1
	Peas, lentils, soybeans	Fixed wing	5	1	1	1
		Rotary wing	3	1	1	1

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

Tank mix

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 ADAMA Agricultural Solutions Canada Ltd. at 1-855-264-6262 or at www.adama.com/canada for information before applying any tank mix that is not specifically recommended on this label.

SECTION 13: REGISTERED CROPS AND APPLICATION TIMING

REGISTERED CROPS:

When applied as directed, MAXENTIS® fungicide will control the listed diseases.

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CROP	DISEASE CONTROLLED	APPLICATION RATE	REMARKS
Blueberries, lowbush	Rust (<i>Thekopsora minima</i>) - suppression	0.417 – 0.625 L/ha	<p>Apply at the first sign of disease in the spout year. After the initial application, one additional application may be made 10-14 days afterwards if conditions remain favourable for continued or increased disease development, making no more than two applications per year. Use a minimum of 200 L per hectare of water or an appropriate water volume to provide full coverage.</p> <p>Do not apply more than 834 mL/ha per crop per year.</p> <p>Do not apply within 30 days of harvesting.</p>
Barley, Wheat	<p>Spot Blotch (<i>Cochliobolus sativus</i>)</p> <p>Barley Scald (<i>Rhynchosporium secalis</i>) on barley</p> <p>Net Blotch (<i>Pyrenophora teres</i>) on barley.</p> <p>Stripe Rust (<i>Puccinia striiformis</i>)</p> <p>Septoria Leaf Spot (<i>Septoria</i> spp.) - suppression</p> <p>Tan spot (<i>Pyrenophora tritici-repentis</i>) on wheat</p>	0.670 – 1.117 L/ha	<p>Apply MAXENTIS® once as a preventive foliar spray when the earliest disease symptoms appear on the leaves and stems. Fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development.</p> <p>Do not apply within 30 days of harvesting for forage and hay or 45 days for mature grain.</p>
Oats	Crown rust (<i>Puccinia coronata</i>)	0.634 L/ha	<p>Apply MAXENTIS® once as a preventive foliar spray when the earliest disease symptoms appear on the leaves and stems. Fields should be observed closely for early disease symptoms, particularly when susceptible varieties are planted and/or under prolonged conditions favorable for disease development. Do not apply within 30 days of harvest.</p>

Canola	White mold (<i>Sclerotinia sclerotiorum</i>)	1.095 – 1.46 L/ha	<p>For control of white mold, apply MAXENTIS® when the crop is in the 20 - 50% bloom stage. Best protection will be achieved when the fungicide is applied prior to petals beginning to fall and will allow for the maximum number of petals to be protected. The higher rate is recommended for fields with a history of heavy disease pressure or for dense crop stands. Good spray coverage of the plants is essential.</p> <p>Control of virulent blackleg requires an earlier application timing (2 – 6 true leaf stage).</p> <p>Do not apply more than a total of one application per year.</p> <p>Do not apply within 36 days of harvest.</p>
	Virulent blackleg (<i>Leptosphaeria maculans</i>)	1.042 L/ha	
Peas	White mold (<i>Sclerotinia sclerotiorum</i>)	0.833 – 1.042 L/ha	<p>Apply MAXENTIS® as a preventive foliar spray at the beginning of flowering or at first sign of disease. After the initial application, one additional application may be made 10-14 days afterwards if conditions remain favourable for continued or increased disease development. Apply the higher rate when conditions favour disease development, or when growing less disease resistant varieties.</p> <p>Apply MAXENTIS® when first symptoms of disease can be found or that the risk of infection is imminent.</p> <p>DO NOT apply within 15 days of harvest for peas and lentils (PHI 15 days). DO NOT apply within 20 days of harvest for soybeans (PHI 20 days).</p> <p>APPLY A MAXIMUM OF 2 APPLICATIONS OF MAXENTIS® PER YEAR. Alternate with a fungicide with a different mode of action after each application.</p> <p>Do not feed dried pea vines to livestock.</p>
	Mycosphaerella blight (<i>Mycosphaerella pinodes</i>) – suppression		
Lentils	White mold (<i>Sclerotinia sclerotiorum</i>)		
	<p>Anthracnose* (<i>Colletotrichum lentis</i>)</p> <p>Ascochyta blight (<i>Ascochyta lentis</i>)</p>		
Soybeans	White mold (<i>Sclerotinia sclerotiorum</i>)		

* Including biotypes resistant to Group 11 (strobilurin) fungicides.

SECTION 14: MIXING INSTRUCTIONS

- Use 47-100 L/ha of water.
- Use a 50-mesh (or coarser) filter screen.
- Fill the spray tank three-quarters full of water.
- Add the required amount of MAXENTIS® into the sprayer.
- Agitate until the fungicide is thoroughly mixed.
- Continue agitation and add the required amount of the tank-mix partner.
- Complete filling the tank to the desired level with water.
- Upon completion of spraying, thoroughly flush tank, boom, hoses and in-line and nozzle screens with clean water to avoid possible injury to other crops.
- Repeat sprayer cleanout process using an appropriate spray system cleaner.

SECTION 15: ROTATIONAL CROPS

Treated areas may be replanted immediately following harvest with any crop listed on this label. For crops not listed on this label, do not plant back within 120 days of last application.

SECTION 16: RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, MAXENTIS® contains Group 3 and 11 fungicides. Any fungal population may contain individuals naturally resistant to MAXENTIS® and other Group 3 and 11 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/bactericide resistance:

- Where possible, rotate the use of MAXENTIS® or other Group 3 and 11 fungicides with different groups that control the same pathogens. Do not exceed the stated maximum number of applications and do not make more than one application of MAXENTIS® or fungicides in the same fungicide group before alternating to a fungicide with a different mode of action.
- Fungicide use should be based on an integrated disease management 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.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Monitor treated fungal populations for resistance development. Notify ADAMA Agricultural Solutions Canada Ltd. if reduced sensitivity of the pathogen to MAXENTIS® 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 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 ADAMA Agricultural Solutions Canada Ltd. at 1-855-264-6262 or at www.adama.com/canada.

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