

Approved Premis Fungicide (addition of pink snow mold + Rovral TM [2008-0643], fusarium patch [2008-0259] and gray snow mold [2008-0258]), July 30, 2008

GROUP	3	FUNGICIDE
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**PREMIS® 200 F
FUNGICIDE**

For the control of anthracnose, brown patch, dollar spot, gray snow mold, pink snow mold and fusarium patch on established golf course turf only

SUSPENSION

COMMERCIAL

GUARANTEE: Triticonazole.....200 g/L

Contains 1,2 benzisothiazolin-3-one at 0.03% as a preservative

REGISTRATION NO. 28387

PEST CONTROL PRODUCTS ACT

**IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT
1-800-454-2673**

WARNING - EYE AND SKIN IRRITANT

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

NET CONTENTS: 3.2 L

BASF Canada Inc.
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L5R 4H1
1-877-371-2273

PREMIS® is a registered trademark of BASF.

DIRECTIONS FOR USE

APPLICATION ON ESTABLISHED GOLF COURSE TURF: PREMIS 200 F Fungicide is formulated for use on established golf course turf. PREMIS 200 F Fungicide is effective as a preventative spray. Ensure that the area to be treated is covered uniformly. Apply the required amount of PREMIS 200 F Fungicide in 6 to 8.0 litres of water per 100 m². When treating golf greens, always treat aprons and fairway approaches.

Disease (Pathogen)	Use Rate (mL/100 sq. m.)	Application Interval (days)	Comments
Gray Snow Mold (<i>Typhula incarnata</i> , <i>T. ishikariensis</i>)	32	21	Apply PREMIS 200 F Fungicide once in late fall or early winter before snow fall for control of gray snow mold. Apply PREMIS 200 F Fungicide at 21 day interval in late fall or early winter before snow fall when conditions favour heavy disease pressure or if there is prior history of the disease. To increase control of gray snow mold, mix PREMIS 200 F Fungicide with 375 mL/100 m ² of ROVRAL GREEN and apply once in late fall or early winter before snow fall.
Fusarium Patch and Pink Snow Mold (<i>Microdochium nivale</i>)	32	21	Apply PREMIS 200 F Fungicide in fall or early winter for suppression of fusarium patch. If disease persists, apply again on 21-day interval. For control of fusarium patch, mix PREMIS 200 F Fungicide with 185 mL/100 m ² of ROVRAL GREEN. For control of pink snow mold, mix PREMIS 200 F Fungicide with 250 mL/100 m ² of ROVRAL GREEN. If high disease pressure is anticipated in the spring, apply fungicide twice before snow fall with 21 days interval.
Anthracnose Control (<i>Colletotrichum graminicola</i>)	16 – 32	14 – 21*	Apply PREMIS 200 F Fungicide at the first sign of anthracnose and/or when environmental conditions are favourable for disease development. Use the higher rate when anthracnose pressure is high.
Brown Patch Control (<i>Rhizoctonia solani</i>)	32	14 – 21*	Apply PREMIS 200 F Fungicide at the first sign of brown patch when environmental conditions are favourable for disease development. Repeat application every 14 days when brown patch disease conditions exist.

Disease (Pathogen)	Use Rate (mL/100 sq. m.)	Application Interval (days)	Comments
Dollar Spot Control (<i>Sclerotinia homeocarpa</i>)	16	14 - 21	Apply PREMIS 200 F Fungicide at the first sign of dollar spot or when environmental conditions are favourable for dollar spot development. Repeat application every 14-21 days to maintain control.
<p>Use PREMIS 200 F Fungicide in a rotational spray program with other different mode of action fungicides to reduce the possibility of disease resistance.</p> <p>Three applications maximum per season.</p> <p>*Under low disease conditions the spray interval may be increased up to a maximum of 21 days.</p>			

BUFFER ZONES

The buffer zones specified in the table below are required between the downwind point of direct application and the closest edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, pastures, rangelands, and shrublands), sensitive aquatic habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands), and estuarine/marine habitats. Self-contained bodies of water within the golf course property (e.g., ponds with no inflow or outflow of water) do not require buffer zones.

Method of application	Buffer zone (metres)
Field sprayer	15
Field sprayer with cones	10
Field sprayer with shrouds	5

ENVIRONMENTAL HAZARDS

TOXIC to aquatic organisms and off-target plants. Observe buffer zones specified under DIRECTIONS FOR USE.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **PREMIS 200 F Fungicide** contains a group 3 fungicide. Any fungal population may contain individuals naturally resistant to **PREMIS 200 F** and other group 3 fungicides. The resistance biotypes may dominate the fungal population if **Fungicide** these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to the 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, alternate with fungicides having a different mode of action. Fungicide use should be based on an integrated pest management (IPM) program that includes scouting and record keeping and considers cultural, biological, and other chemical control practices.
- Monitor efficacy of all fungicides used in the disease management program against the target pathogen and record other factors that may influence fungicide performance and/or disease development.
- If this product appears to be no longer effective against a pathogen which it previously controlled or suppressed, contact the manufacturer and your local extension specialist or certified turf advisor to assist in determining the cause of reduced performance.
- Contact your local extension specialist or certified turf advisors for any additional pesticide resistance-management and IPM recommendations for specific site and pest problems in the area.
- For further information and to report suspected resistance, contact a BASF representative, local extension specialist, or certified turf advisor to assist in determining the cause of reduced performance. For further information, contact BASF Canada Inc. at 1-877-371-2273.

MIXING

1. Ensure the spray tank is clean before use. Follow the clean-out recommendations stated on the label of the product that was previously used.
2. Fill the spray tank one-half full of water.
3. Add **PREMIS 200 F Fungicide** and agitate well.
4. Add the required amount of the tank mix partner.
5. Add the remainder of the water while continuing to agitate.
6. Ensure mixing is complete and agitate thoroughly before each application and continue to agitate during spraying. A prepared spray mixture should be used as soon as possible in the same day.
7. After use, clean the spray tank according to PRECAUTIONS.

RESTRICTIONS AND LIMITATIONS

1. **DO NOT** store **PREMIS 200 F Fungicide** near foodstuffs.
2. Thoroughly clean application equipment after each use.

3. **DO NOT** contaminate irrigation and drinking water supplies, and aquatic habitat by cleaning of equipment or disposal of wastes.
4. **DO NOT** apply beyond the course boundary.
5. **DO NOT** apply during periods of dead calm or when winds are gusty.
6. **DO NOT** apply more than 3 applications per season.
7. A minimum interval of 14 days is required between applications.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Causes eye irritation. **DO NOT** get in eyes. May irritate the skin. Avoid contact with skin.
3. Wear a long-sleeved shirt, long pants, chemical-resistant gloves, and shoes plus socks during mixing and loading, application, clean-up and repair. During mixing and loading, wear goggles or face shield in addition to the PPE specified above.
4. Wash hands and exposed skin thoroughly after handling the concentrate and after each application, clean-up and repair.
5. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
6. **AVOID WORKING IN SPRAY MIST.**
7. **DO NOT** re-enter turf until residues have dried.

FIRST AID

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.

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

TOXICOLOGICAL INFORMATION

The patient should be treated symptomatically.

STORAGE

Store the product in the original container. Store the product in an area that is out of reach of children and animals, away from food, feedstuffs, fertilizers and seed.

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 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.