

Container

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

For the control or suppression of anthracnose, dollar spot, gray snow mold, pink snow mold, fusarium patch, red thread, rust and algae on established golf course turf only

SUSPENSION

COMMERCIAL

ACTIVE INGREDIENT: 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 ATTACHED BOOKLET BEFORE USING

KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 3.2 L

BASF Canada Inc.
5025 Creekbank Road
Building A, 2nd Floor
Mississauga, Ontario L4W 0B6
1-877-371-2273

PREMIS is a registered trade-mark of BASF Agro Trademarks GmbH, used under license by BASF Canada Inc.

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, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab.
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** enter or allow entry into treated areas of the golf course until sprays have dried.
8. Apply only when the potential for drift to areas of human habitation or other areas of human activity (other than golf courses), such as parks, school grounds, and playing fields, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.
9. For use on established golf course turf.
10. **DO NOT** use beyond the course boundary.

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.

Take 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 fertilizers and seed. Store this product away from food or feed.

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 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/territorial requirements.

For non-recyclable, non-returnable or non-re-fillable containers

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial/territorial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial/territorial requirements.

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial/territorial regulatory agency. Contact the manufacturer and the provincial/territorial 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.

Booklet

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GENERAL 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.

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.

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.

DO NOT apply using aerial application equipment.

When applied as directed, **PREMIS 200 F Fungicide** will control the listed diseases, unless otherwise indicated as suppression.

Diseases Controlled	Use Rate (mL/100 sq. m.)	Comments
Gray Snow Mold (<i>Typhula incarnata</i> , <i>T. ishikariensis</i>) (Suppression)	16 – 21	Apply PREMIS 200 F Fungicide in late fall or early winter before snow fall. Use the higher rate if disease pressure is expected to be high.
Fusarium Patch and Pink Snow Mold (<i>Microdochium nivale</i>) (Suppression)	16 – 21	Apply PREMIS 200 F Fungicide in late fall or early winter before snow fall. Use the higher rate if disease pressure is expected to be high.
Anthracnose (<i>Colletotrichum graminicola</i>)	16 – 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.
Dollar Spot (<i>Sclerotinia homeocarpa</i>)	16 – 21	Apply PREMIS 200 F Fungicide at the first sign of dollar spot or when environmental conditions are favourable for dollar spot development. Use the higher rate if disease pressure is high.
Red thread (<i>Laetisaria fuciformis</i>)	16 – 21	Apply when conditions are favourable for disease development when night temperatures are 15.6°C to 21.1°C and in periods of higher rainfall. Under preventive applications where light disease pressure is anticipated , use the lower rate and longer interval. Under severe disease conditions , use the higher rate.

Diseases Controlled	Use Rate (mL/100 sq. m.)	Comments
Rust (<i>Puccinia</i> spp.)	16 – 21	Apply when conditions are favourable for disease development. Under preventive applications where light disease pressure is anticipated, use the lower rate and longer interval. Under severe disease conditions, use the higher rate.
Algae (Suppression)	16 – 21	For algae suppression, use the lower rate for preventive applications. Under severe pest pressure or adverse weather that might be conducive to algae growth, use the higher rate.

Use **PREMIS 200 F Fungicide** in a rotational spray program with other different mode of action fungicides to reduce the possibility of disease resistance.

Maximum of one application per season.

TANK MIXING

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 BASF Canada Inc. at 1-877-371-2273 for information before mixing any pesticide that is not specifically recommended on this label.

Physical incompatibility, reduced disease control or turf injury may result from mixing **PREMIS 200 F Fungicide** with other products. Therefore, before using any tank mix (fungicides, insecticides, liquid fertilizers, biological control products, adjuvant and additives) test a small portion of the turf to be treated to ensure that a phytotoxic response will not occur.

SPRAY BUFFER ZONES

Spot treatments using hand-held equipment do not require a spray buffer zone. Use of low-clearance hooded or shielded sprayers that prevent spray contact with foliage.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), and sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands).

Method of application	Crop	Spray Buffer Zones (metres) Required for the Protection of:		
		Freshwater Habitat of Depths:		Terrestrial Habitat
		Less than 1 m	Greater than 1 m	
Field sprayer (groundboom)	Established golf course (turf)	3	1	4

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.

ENVIRONMENTAL PRECAUTIONS

Toxic to birds and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to certain beneficial arthropods (soil dwelling beneficials). Minimize spray drift to reduce harmful effects on beneficial arthropods in habitats next to the application site such as hedgerows and woodland.

Toxic to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE.

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 strip between the treated area and the edge of the water body.

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

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 Fungicide** and other Group 3 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 **PREMIS 200 F Fungicide** or other Group 3 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.
- 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 threshold, 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 BASF Canada Inc. if reduced sensitivity of the pathogen to **PREMIS 200 F 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 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 BASF Canada Inc. at 1-877-371-2273 or at www.betterturf.ca.

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 1 application per year.

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, socks and shoes during mixing, loading, application, clean-up and repair. Gloves are not required during application within a closed cab.
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.
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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.

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TOXICOLOGICAL INFORMATION

The patient should be treated symptomatically.

STORAGE

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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:

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