

GROUP	1	FUNGICIDE
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PROTURF[®]
GRANULAR SYSTEMIC FUNGICIDE

Contains thiophanate-methyl.

COMMERCIAL

REGISTRATION NO. 16660 PEST CONTROL PRODUCTS ACT

GUARANTEE: Thiophanate-methyl 2.30%

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

Net Contents: 13.49 kg

Agrium Advanced Technologies RP Inc.
10 Craig Street
Brantford, Ontario
N3R 7J1
519-757-0077

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN. May be harmful if swallowed. Avoid contact with eyes, skin or clothing. Wash thoroughly with soap and water after handling. Do not contaminate feed or foodstuff. Keep children and pets off treated area until material has been washed off the foliage and area is completely dry. Do not feed clippings from treated turf to livestock and poultry. Do not contaminate domestic or irrigation water supplies, lakes, streams and ponds.

STORAGE: Store in cool, dry, ventilated place. Keep away from heat, fire and sparks. Wash thoroughly before eating, drinking or smoking. Wash contaminated clothing with soap and hot water before reuse.

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

TOXICOLOGICAL INFORMATION: Treat symptomatically.

DIRECTIONS FOR USE

Prevents or arrests the turfgrass diseases brown patch, dollar spot and copper spot.

NORMAL RATE: 6.6 kg/1,000 m²

DOUBLE RATE: 13.2 kg/1,000 m²

For prevention of dollar spot, copper spot and brown patch, apply to moist or dry foliage at the NORMAL RATE when disease activity is noted or suspected and repeat at 2 to 3 week intervals. Brown patch control may require more frequent treatments under conditions especially favorable to disease activity.

To arrest these diseases, apply at the DOUBLE RATE and follow with the normal rate preventative program.

RESISTANCE MANAGEMENT: For resistance management, PROTURF[®] Granular Systemic Fungicide is a Group 1 fungicide. Any fungal population may contain individuals naturally resistant to PROTURF[®] Granular Systemic Fungicide and other Group 1 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 PROTURF® Granular Systemic Fungicide or other Group 1 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides 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 tillage (or other mechanical), 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 or to report suspected resistance, contact Agrium Advanced Technologies RP Inc. representatives at 1-800-461-6471 or at www.agriumat.com.

DISPOSAL:

1. Thoroughly empty the contents of the container into the application device.
2. Make the empty container unsuitable for further use.
3. Dispose of the container in accordance with provincial requirements.
4. 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.

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Suggested Spreader Settings

To provide proper distribution, calibrate spreader before application

13.49 kg treats 2,044 m² at the NORMAL RATE (Use 6.6 kg/1,000 m²)

13.49 kg treats 1,022 m² at the DOUBLE RATE (Use 13.2 kg/1,000 m²)

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	NORMAL RATE	DOUBLE RATE
ProTurf [®] Drop Type	5 km/h	Overlap wheels	4¾	6
ProTurf [®] Rotaries (R-7, R-7X)	5 km/h	2.4 m	C	F
R-8 (cone 8)	5 km/h	2.7 m	J	L
Lely Models WTR, WFR, HR and 1250. PTO at 450 rpm	7 km/h	4.9 m	3½ III	4½ III

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