

## **TURFGRASS - BROWN PATCH**

### General Information

DO NOT APPLY BY AIR.

### GENERAL INFORMATION

QUALIPRO PROPICONAZOLE 14.3 ME is a broad spectrum systemic fungicide for use on turfgrasses for the control of dollar spot (*Sclerotinia homoeocarpa*), brown patch (*Rhizoctonia solani*), anthracnose (*Colletotrichum graminicola*), red thread (*Laetisaria fuciformis*), summer patch (*Magnaporthe poae*), leafspot and melting out (*Bipolaris* spp., *Drechslera* spp., *Helminthosporium* spp.), pink snow mold (*Microdochium nivale*), Fusarium patch (*Microdochium nivale*), gray snow mold (*Typhula* spp.), and yellow patch (*Rhizoctonia cerealis*).

Do not apply this product through any type of irrigation system.

DO NOT apply directly to aquatic habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine / marine habitats. DO NOT contaminate water by cleaning of equipment or disposal of waste.

### TURFGRASS DISEASE CONTROL

- USE QUALIPRO PROPICONAZOLE 14.3 ME IN A PREVENTATIVE DISEASE CONTROL PROGRAM.

- Apply in sufficient water to ensure thorough coverage (3 to 15L per 100 sq. metres).

- Apply after mowing OR allow sprayed area to completely dry before mowing.

- For control of foliar diseases, allow sprayed area to completely dry before irrigation.

- For control of soil-borne diseases, apply QUALIPRO PROPICONAZOLE 14.3 ME in higher spray volumes (13-21 litres of water per 100 sq. metres). If this is not possible, then QUALIPRO PROPICONAZOLE 14.3 ME can be watered in after

application (0.60 cm of water prior to drying of the spray application).

- Under conditions optimum for high disease pressure, use the higher rate and the shorter interval.

- For optimum turf quality and disease control, use QUALIPRO

PROPICONAZOLE 14.3 ME in conjunction with turf management practices that promote good plant health and optimum disease control.

- Evaluate spray additives prior to use. Label directions are based on data obtained with no additives.

- Before use of any fungicide, proper diagnosis of the organism causing the disease is important. Use of diagnostic kits or other means of identification of the disease organism is essential to determine the best control measures.

- When treating greens, always treat aprons and fairway approaches.

- Do not apply more than 473 mL/100m<sup>2</sup>/year.

NOTE: Do not graze animals on treated areas. Do not feed clippings from treated areas to livestock or poultry.

#### Resistance-Management Statement

For resistance management, please note that QUALIPRO PROPICONAZOLE 14.3 ME contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to QUALIPRO PROPICONAZOLE 14.3 ME 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 QUALIPRO PROPICONAZOLE 14.3 ME or other group 3 fungicides with different groups that control the same pathogens. - Avoid application of more than the maximum number listed in the label and consecutive sprays of QUALIPRO PROPICONAZOLE 14.3 ME or other fungicides in the same

group in a season.

- 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 cultural, biological and other 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 advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops or pathogens.

Refer in the label for tank mix information.

Limitations, Restrictions, and Exceptions

Instructions

Apply QUALIPRO PROPICONAZOLE 14.3 ME preventively when conditions favour disease development (high surface moisture or humidity and warm night temperatures). Use the higher rate under severe disease pressure. Do not apply QUALIPRO PROPICONAZOLE 14.3 ME if disease symptoms are present.

Application Interval/Duration of Control: 21-28 days

- Expected length of control when used in a preventative disease control program.

Method

[Spray](#)

Rates

[field\\_rates 0](#)

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Timings

[When conditions favour disease development.](#)