

2007-5216  
09-SEP-2009

Container label

GROUP 2 FUNGICIDE

**Quali-Pro Iprodione 240 SE**

FLOWABLE FUNGICIDE

For control of brown patch, fusarium patch, dollar spot, leaf spot, snow molds and melting out in turf

COMMERCIAL

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

CAUTION EYE AND SKIN IRRITANT  
POTENTIAL SKIN SENSITIZER

REGISTRATION NO. 29410 PEST CONTROL PRODUCTS ACT

**GUARANTEE: Iprodione 240 g/L**  
Contains sodium benzoate at 0.3% as a preservative

NET CONTENTS: 1-1050 LITRES  
IN CASE OF SPILLS, POISONING OR FIRE TELEPHONE EMERGENCY  
RESPONSE NUMBER COLLECT Makhteshim Agan at 1 800 535-5053(24 HOURS A  
DAY).

MAKHTESHIM AGAN OF NORTH AMERICA INC.  
4515 Falls of Neuse Road, Suite 300  
Raleigh, NC 27609  
1 919-256-9300

**USE RESTRICTION:** Do not store Quali-Pro Iprodione 240 SE near feed and foodstuffs. Thoroughly clean application equipment after use. Do not contaminate domestic or irrigation waters.

**PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN.** May irritate eyes and skin. Avoid contact with eyes and skin. Potential skin sensitizer.. Wear protective gloves and coveralls when handling Quali-Pro Iprodione 240 SE. Wash hands and exposed skin thoroughly after handling the concentrate and after application. May be harmful if inhaled. AVOID WORKING IN SPRAY MIST.

**FIRST AID:**

**If swallowed:** Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**If in eyes:** Hold eye open and rinse slowly and gently with water for 15 to 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 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.

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

**TOXICOLOGICAL INFORMATION:** Treat symptomatically. This product contains a petroleum distillate. Vomiting may cause aspiration pneumonia.

**STORAGE CONDITIONS:** Protect from frost.

**DISPOSAL:**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions 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 requirements.
5. 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.

Pamphlet

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**DIRECTIONS FOR USE:**  
DO NOT APPLY BY AIR.

**MIXING:**

For application using field, or other large sprayers, put one half the required water volume in the tank; add Quali-Pro Iprodione 240 SE and agitate; add the remainder of the water while continuing to agitate. For use through knapsack or small sprayers, first stir the required amount of Quali-Pro Iprodione 240 SE with water in a bucket, add this suspension to the partly filled spray tank, then add the remainder of the water. 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, especially if the water used for mixing is alkaline (greater than pH of 7).

Quali-Pro Iprodione 240 SE should not be mixed with other pesticides, adjuvants or fertilizers.

**APPLICATION ON TURF:**

Quali-Pro Iprodione 240 SE is formulated for use on turf. It is recommended for the control of brown patch, dollar spot, leaf spot, melting out, snow moulds (pink and grey) and fusarium patch. Quali-Pro Iprodione 240 SE is effective as a preventive spray. Quali-Pro Iprodione 240 SE will also halt the spread of these diseases if they are already established. Ensure that the area to be treated is covered uniformly. Apply the required amount of Quali-Pro Iprodione 240 SE in not less than 8 litres of water per 100 m<sup>2</sup>. When treating golf greens, always treat aprons and fairway approaches. Avoid mowing for ten hours after application. Quali-Pro Iprodione 240 SE is best applied in the morning or evening. Application in the heat of the day may cause temporary yellowing of the turf.

**BROWN PATCH CONTROL:**

Apply Quali-Pro Iprodione 240 SE at the first sign of brown patch (*Rhizoctonia solani*). Repeat applications may be used at a 14-21 day spray interval throughout the season, or as needed. Under severe disease pressure, use the higher rate and the shorter interval. To assist in disease management, it is recommended that Quali-Pro Iprodione 240 SE be alternated with other fungicides in a brown patch control program to reduce the possibility of the development of disease resistance.

Dose Rate: 125 - 250 mL/100 m<sup>2</sup>. Minimum control period - 14 days.

**DOLLAR SPOT CONTROL:**

Apply Quali-Pro Iprodione 240 SE at the first sign of dollar spot (*Sclerotinia homeocarpa*). Repeat applications may be made as required however, Quali-Pro Iprodione 240 SE should be alternated with other fungicides in a dollar spot control program to reduce the possibility of the development of disease resistance.

Dose Rate: 62 mL/100 m<sup>2</sup>. Minimum control period - 21 days.

### **LEAF SPOT, MELTING OUT CONTROL:**

Apply Quali-Pro Iprodione 240 SE at the first sign of leaf spot, melting out (*Drechslera poae*, *Bipolaris sorokiniana*). Repeat applications 2 or 3 times in the early spring at a 14-21 day spray interval or as needed. Under severe disease pressure use the shorter spray interval. To assist in disease management, it is recommended that Quali-Pro Iprodione 240 SE be alternated with other fungicides in a leaf spot control program to reduce the possibility of the development of disease resistance.

Dose Rate: 125 mL/100 m<sup>2</sup>. Minimum control period - 14 days.

### **SNOW MOULD CONTROL:**

Apply Quali-Pro Iprodione 240 SE as a preventive treatment for pink snow mould (*Microdochium nivale*) and grey snow mould (*Typhula spp.*) in late fall or early winter just before the ground freezes or before the first snowfall.

Pink Snow Mould: Use 250 - 375 mL of Quali-Pro Iprodione 240 SE per 100 m<sup>2</sup>, applied in a water volume of 8 to 10 L/100 m<sup>2</sup>. Use the higher rate where severe disease pressure is anticipated or if disease is present at time of application.

Grey Snow Mould: Use 375 mL of Quali-Pro Iprodione 240 SE per 100 m<sup>2</sup>, applied in a water volume of 8 to 10 L/100 m<sup>2</sup>.

NOTE: Application of excessive amounts of nitrogen fertilizer producing lush turf growth late in the fall may increase susceptibility of the turf to snow mould diseases and, as a result, decrease the effectiveness of Quali-Pro Iprodione 240.

**FUSARIUM PATCH CONTROL (*Microdochium nivale*):** Use 185 mL of Quali-Pro Iprodione 240 SE per 100 m<sup>2</sup> applied in a water volume of 8 to 10 L/100m<sup>2</sup> in the fall or spring on a preventative basis when cool and wet conditions exist for disease development. Repeat application in 3 to 4 weeks. In areas of snow cover, apply Pink Snow mould rate before permanent snow cover.

Dose Rate: 185 mL/100 m<sup>2</sup>.

### **RESISTANCE-MANAGEMENT RECOMMENDATIONS:**

For resistance management, please note that Quali-Pro Iprodione 240 SE contains a Group 2 fungicide. Any fungal population may contain individuals naturally resistant to Quali-Pro Iprodione 240 SE and other Group 2 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 Quali-Pro Iprodione 240 SE or other Group 2 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicide 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 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 and to report suspected resistance, contact Makhteshim Agan of North America Inc. at [www.manainc.com](http://www.manainc.com).



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