

ROVRAL® GREEN GT

FLOWABLE FUNGICIDE

GROUP	2	FUNGICIDE
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For control of Brown patch, fusarium patch, dollar spot, leaf spot, Snow moulds and melting out in turf

COMMERCIAL:
READ THE LABEL AND BOOKLET BEFORE USING.



REGISTRATION NO. 24379
PEST CONTROL PRODUCTS ACT

GUARANTEE: IPRADIONE.....240g/L
Contains 1,2-benzisothiazolin-3-one at 0.014% as a preservative

Bayer CropScience Inc.*
#100, 3131 - 114th Avenue S.E.,
Calgary, AB T2Z 3X2
Tel: 1-888-283-6847

KEEP OUT OF REACH OF CHILDREN

In case of spills, poisoning or fire, telephone emergency response number 1-800-334-7577 (24 hours a day)

NET CONTENTS: 10 or 200 LITRES

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***Bayer Environmental Science**
A Business Group of Bayer CropScience

USE RESTRICTION:

Do not store ROVRAL GREEN GT near feed and foodstuffs. Thoroughly clean application equipment after use. Do not contaminate domestic or irrigation waters.

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES.

Wear protective gloves and coveralls when handling ROVRAL GREEN GT. 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: Remove patient from contaminated area. Remove contaminated clothing. Keep patient warm, comfortable, at rest.

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 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 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 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.

Rovral is a registered trademark of Bayer.

ROVRAL GREEN GT

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FOR CONTROL OF
BROWN PATCH, FUSARIUM PATCH, DOLLAR SPOT, LEAF SPOT
SNOW MOULDS AND MELTING OUT IN TURF

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May be harmful if inhaled.

AVOID WORKING IN SPRAY MIST.

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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 ROVRAL GREEN GT 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 ROVRAL GREEN GT 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).

Rovral Green GT Tank-mixed with COMPASS 50 WG:

- Add 1/2 of the required amount of water to the mix tank.
- With the agitator running, add the COMPASS 50 WG to the tank first.
- Once COMPASS 50 WG Fungicide is fully dispersed add the correct amount of Rovral Green GT.
- Continue agitation while adding the remainder of the water.
- Begin application of the solution after COMPASS 50 WG and Rovral Green GT have completely dispersed into the spray solution.
- Maintain agitation until all of the mixture has been applied
- If the compatibility test shows signs of incompatibility, do not tank-mix the product(s) tested with Rovral Green GT.

Do not apply this tank mix by knapsack or small sprayers. Always consult the label of the tank-mix partner for further instructions regarding directions for use, restrictions and precautions.

APPLICATION IN TURF:

ROVRAL GREEN GT 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. ROVRAL GREEN GT is effective as a preventive spray. ROVRAL GREEN GT 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 ROVRAL GREEN GT in not less than 8 litres of water per 100 m². When treating golf greens, always treat aprons and fairway approaches. Avoid mowing for ten hours after application. ROVRAL GREEN GT 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 ROVRAL GREEN GT 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 ROVRAL GREEN GT 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 m². Minimum control period - 14 days.

DOLLAR SPOT CONTROL:

Apply ROVRAL GREEN GT at the first sign of dollar spot (*Sclerotinia homeocarpa*). Repeat applications may be made as required however, ROVRAL GREEN GT 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 m². Minimum control period - 21 days.

LEAF SPOT, MELTING OUT CONTROL:

Apply ROVRAL GREEN GT 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 ROVRAL GREEN GT 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 m². Minimum control period - 14 days.

SNOW MOULD CONTROL:

Apply ROVRAL GREEN GT 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 ROVRAL GREEN GT per 100 m², applied in a water volume of 8 to 10 L/100 m². 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 ROVRAL GREEN GT per 100 m², applied in a water volume of 8 to 10 L/100 m².

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 ROVRAL GREEN GT.

Tank-Mix Options with Rovral Green GT and Compass 50 WG for Snow Mould Control

Diseases	Rate of Product (g or ml / 100 m ²)	Instructions
Pink and Grey Snow Mould	271 ml – 354 ml of Rovral Green GT tank-mixed with 6.1 g Compass 50 WG	<p>One application applied just before permanent snow cover</p> <p>Apply preventative tank-mix application in a minimum of 500 L spray solution (610 – 700 L/ha recommended) in late fall before permanent snow cover or tarping.</p> <p>A lower rate of Rovral Green GT (minimum 271 ml/100m²) mixed with 6.1 g/100m² Compass 50 WG should be used in regions of Canada that do not experience high snow mould disease pressure, whereas, a higher rate of Rovral Green GT (maximum of 354 ml/100m²) should be used with 6.1 g/100m² of Compass 50 WG Fungicide in regions that typically show high snow mould disease pressure.</p> <p>If turfgrass area has a history of heavy <i>Microdochium</i> patch and/or pink snow mould disease pressure, an early and mid fall fungicide spray program should be implemented prior to applying the final pink snow mould control tank-mix. If turfgrass area has a history of heavy grey snow mould pressure and/or a heavy or long snow cover, a mid to late fall season application of a DMI product or other registered grey snow mould fungicide product should also be applied as part of an overall longer snow mould season control strategy.</p>

FUSARIUM PATCH CONTROL (*Microdochium nivale*):

Use 185 mL of ROVRAL GREEN GT per 100 m² applied in a water volume of 8 to 10 L/100m² 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 m².

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that Rovral Green GT contains a Group 2 fungicide. Any fungal population may contain individuals naturally resistant to Rovral Green GT 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 Rovral Green GT 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 Bayer CropScience Inc. at 1-888-283-6847 or via the internet at www.bayercropscience.ca.

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