

GROUP

2

FUNGICIDE

Rovral[®] G
Granular Fungicide

- Prevents and Controls Brown Patch, Leaf Spot, Melting-out, Red Leaf Spot, Pink Snow Mold and Gray Snow Mold.
Prevents Dollar Spot

COMMERCIAL

REGISTRATION NO. 28218 PEST CONTROL PRODUCTS ACT

GUARANTEE: Iprodione 1.30%

CAUTION



POISON

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

NET CONTENTS: 15 to 24 kg



Bayer Environmental Science

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*Bayer Environmental Science
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DIRECTIONS FOR USE

This fungicide product prevents and controls the following turfgrass diseases:

Brown Patch (*Rhizoctonia solani*), Leaf Spot (*Helminthosporium sativum*), Melting-out (*Drechslera poae*), Red Leaf Spot (*Drechslera erythrospila*), Pink Snow Mold (*Fusarium nivale*), Gray Snow Mold (*Typhula* spp.), and Dollar Spot (prevention only) (*Sclerotinia homoeocarpa*).

For use on fairways, putting greens and other turf areas consisting of Kentucky bluegrass, bentgrass, perennial ryegrass and fine fescue, or where these mixtures predominate.

WHEN TO USE

To prevent brown patch, dollar spot and red leaf spot, apply at the NORMAL or HEAVY RATE (2.34 or 3.52 kg of product/100 m²) to moist or dry foliage when disease activity is anticipated and repeat at 2-week intervals. If heavy disease pressures are encountered, apply at the HEAVY RATE to moist or dry foliage. When diseases are brought under control, revert back to bi-weekly NORMAL RATE applications.

To control brown patch and red leaf spot, apply to moist or dry foliage at the HEAVY RATE (3.52 kg of product /100 m²) as soon as disease activity is noticed. Repeat bi-weekly until disease is under control, then revert to the NORMAL or HEAVY RATE applications bi-weekly.

To prevent *Helminthosporium* leaf spot and melting-out, apply to moist or dry foliage at the LIGHT RATE (1.17 kg of product/100 m²) when disease activity is anticipated. Repeat if needed after 3 to 4 weeks.

To control *Helminthosporium* leaf spot and melting-out, apply to moist or dry foliage at the NORMAL or HEAVY RATE (2.34 or 3.52 kg of product /100 m²) when disease activity is first noticed. Repeat as needed at intervals not closer than 2 weeks.

To prevent pink and gray snow mold, apply at the LIGHT or NORMAL RATE (1.17 or 2.34 kg of product /100 m²) to dry foliage when disease activity is anticipated. Repeat at 2 to 3 week intervals.

For suppression of pink and gray snow mold, apply to dry foliage at the NORMAL or HEAVY RATE (2.34 or 3.52 kg of product /100 m²) prior to the first snow. Repeat in mid-winter when turf is free of snow and again immediately after the final snow melt in the spring. Not a season long (all winter) control of snow molds when applied on a 2 to 3 week application program.

To control pink and gray snow mold, apply to dry foliage at the NORMAL or HEAVY RATE (2.34 or 3.52 kg of product /100 m²) when disease activity is first noticed. Repeat as needed at this rate at 2 to 3 week intervals. When disease activity is under control, revert to the LIGHT or NORMAL RATE at 2 to 3 week intervals.

HOW TO USE

For LIGHT, NORMAL or HEAVY RATE applications (1.17, 2.34 and 3.52 kg of product / 100 m²), apply to moist or dry foliage for summer diseases. Applications need not be watered in. Apply to dry foliage for snow mold prevention/control.

Delay mowing for 24 hours after application to prevent particle pickup by mowers.

Expected time of disease activity:

SPRING	leaf spot, melting-out, pink snow mold, gray snow mold
SUMMER	leaf spot, melting-out, dollar spot, and brown patch
FALL	leaf spot, melting-out, dollar spot, and pink snow mold
WINTER	pink snow mold and gray snow mold

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that **Rovral G Granular Fungicide** contains a Group 2 fungicide. Any fungal population may contain individuals naturally resistant to **Rovral G Granular Fungicide** 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 G Granular Fungicide** 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.

FIRST AID: Remove any contaminated clothing. Wash skin with soap and water. **In case of eye contamination,** flush with water for 15 minutes. This product contains petroleum distillates. **If ingested,** DO NOT induce vomiting. If the person is conscious, wash out mouth and obtain medical attention IMMEDIATELY. Do not give anything by mouth to an unconscious person. If breathing is affected, begin artificial respiration and obtain medical attention or contact a poison control centre IMMEDIATELY. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

Use protective clothing including sleeved shirts or overalls when handling.
Avoid skin contact. Wear gloves during the handling in all exposure situations.
Do not contaminate domestic or irrigation waters.
Avoid inhalation of dust.
Thoroughly clean application equipment after use.
Do not apply when winds exceed 8 km/hr.
Do not store in contact with foodstuffs.
Wash hands and exposed skin before eating, drinking or smoking.
Harmful if swallowed – get medical attention in case of accident.
Store out of reach of children.
Do not re-use empty container.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE: Store in a clean, dry place. Reseal opened bag by folding top down and securing.

SPILLAGE CLEAN-UP: Keep bystanders away. Do not smoke, drink or eat during clean-up operations. Wear protective equipment (respirator, overalls, rubber boots and protective gloves), and sweep up all product and shovel into a drum. Dampen spilled product and use absorbant sweeping compound to prevent dust. Add broken packages to the drum and seal for removal to an approved disposal site.

Wash spill site with water and mop into a drum for disposal to an approved disposal site. Remove and wash all protective clothing and equipment. Shower and wash thoroughly with soap and water on completion of mopping up operation. 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.

DISPOSAL:

1. Empty the bag.
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 control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NOTICE TO BUYER: Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Rovral is a registered trademark of Bayer.

SUGGESTED SPREADER SETTINGS

To provide proper distribution, calibrate spreader before application

24 kg treats 2,044 m² at the LIGHT RATE
 24 kg treats 1,022 m² at the NORMAL RATE
 24 kg treats 680 m² at the HEAVY RATE

SPREADER	GROUND SPEED	WIDTH OF COVERAGE	SPREADER SETTINGS		
			LIGHT RATE	NORMAL RATE	HEAVY RATE
Gandy (30")	5 km/h	Overlap wheels	25	29	32
Scott's ProTurf [®] Drop Type	5 km/h	Overlap wheels	4	5 ½	6 ¾
Scott's ProTurf [®] Rotaries R-8, R-8A, SR-1) (cone 9)	5 km/h	2.7 m	I	K ½	M ½
Lely Models WTR, WFR, HR and 1250. PTO at 450 rpm.	7 km/h	5.5 m	3 ¾ III	4 ½ III	6 III
Vicon (02)	7 km/h	5.5 m	15	22	29
Vicon (03)	7 km/h	3.0 m	11	16	20

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