

Container Label

Interface **STRESSGARD** FUNGICIDE

GROUP	2	11	FUNGICIDE
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FOR CONTROL OF PINK SNOW MOULD, FUSARIUM PATCH, BROWN PATCH,
DOLLAR SPOT, BASAL ROT AND FOLIAR BLIGHT ANTHRACNOSE AND
SUPPRESSION OF GREY MOULD ON GOLF COURSES AND SOD FARMS

COMMERCIAL:

GUARANTEE: IPRODIONE.....256 g/L
TRIFLOXYSTROBIN.....16 g/L

SUSPENSION

Contains 2-methyl-2H-isothiazol-3-one at 0.0038% and 1,2-benzisothiazol-3(2H)-one at
0.0038% as preservatives.

REGISTRATION NO. 31906
PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL AND BOOKLET BEFORE USING.

Bayer CropScience Inc.
Suite 200, 160 Quarry Park Blvd. S.E.
CALGARY, ALBERTA
T2C 3G3
Tel: 1-888-283-6847

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

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

PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

May irritate eyes. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling.

DO NOT enter or allow worker entry into treated areas until sprays have dried.

Wear long-sleeved shirt, long pants, chemical-resistant gloves, and socks plus shoes during mixing, loading, application, clean-up and repair.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

This product is not to be used around homes or other residential areas such as parks, school grounds, playing fields. It is not for use by homeowners or other unlicensed users.

FIRST AID:

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. 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 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.

ENVIRONMENTAL HAZARDS:

Observe buffer zones specified under Directions for Use.

This product contains aromatic petroleum distillates which are toxic to aquatic organisms.

Toxic to fish and other aquatic organisms. **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 wastes.

Toxic to wild mammals.

HARMFUL TO BENEFICIAL PREDATORY OR PARASITIC ARTHROPODS. Minimize spray drift (see Application Instructions) to reduce effects on beneficial arthropods in habitat adjacent to the application site such as hedgerow and woodland.

STORAGE:

Store in a cool, dry, place away from food, drinks, and animal feeding stuffs. Keep in the original container tightly closed.

DISPOSAL:

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site.

Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements..

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.

INTERFACE is a registered trademark of Bayer.

Pamphlet Label

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Toxic to wild mammals.

HARMFUL TO BENEFICIAL PREDATORY OR PARASITIC ARTHROPODS. Minimize spray drift (see Application Instructions) to reduce effects on beneficial arthropods in habitat adjacent to the application site such as hedgerow and woodland.

DO NOT apply to areas where runoff is likely to occur. Runoff from treated areas into aquatic habitats may be hazardous to aquatic organisms. Site characteristics that may lead to runoff following heavy rainfall include, but are not limited to: a moderate to steep slope, bare soil, poorly draining soil (e.g. soils that are compacted, fine textured, or low in organic matter). If rainfall is imminent delay spraying.

Residues of this product demonstrate the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

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DIRECTIONS FOR USE:

DO NOT APPLY BY AIR.

Application instructions

DO NOT apply during periods of dead calm or when winds are gusty. **DO NOT** overspray non-target terrestrial or aquatic habitats. **DO NOT** contaminate aquatic habitats when cleaning and rinsing spray equipment or containers.

Buffer zones

The buffer zones specified in the table below are required between the downwind point of direct application and the closest edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, pastures, rangelands, and shrublands), sensitive aquatic habitats (such as lakes, rivers, sloughs, ponds, coulees, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands), and estuarine / marine habitats. Self-contained bodies of water within the golf course property **DO NOT** require buffer zones (e.g., ponds with no inflow or outflow of water).

Method of application	Buffer zone (metres) required for the protection of:		
	Terrestrial habitat	Freshwater habitat	Estuarine / marine habitat
Field sprayer (without the use of shrouds and cones)	0	18	14
Field sprayer (with the use of shrouds)	0	6	5
Field sprayer (with the use of cones)	0	13	10

MIXING:

Prepare no more spray mixture than is required for the immediate operation. Thoroughly clean spray equipment before using this product. Agitation is necessary for proper dispersal of the product. Maintain agitation throughout the spraying operation. **DO NOT** let the spray mixture stand overnight in the spray tank.

Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

DIRECTION FOR USE TABLE. For control of the labeled turf diseases (unless otherwise indicated).

Disease	Rate (g or mL/ 100 m ²)	Application Interval (days)	Instructions
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Grey Snow Mould (<i>Typhula incarnata</i> and <i>Typhula ishkariensis</i>) (Suppression)	95 ml -160 ml	One application applied just before permanent snow cover	Apply Interface STRESSGARD in late fall before permanent snow cover. In regions with a history of heavy snow mould disease pressure use the highest label rate. When applied as a solo product, Interface STRESSGARD will suppress grey snow mould. To increase the level of control, apply Interface STRESSGARD in a tank mix with Chipco Triton Fungicide or Daconil® Ultrex Fungicide or Daconil 2787 Fungicide at label rates in late fall before permanent snow cover. In regions with a history of heavy snow mould disease pressure use the highest labeled rate.
Pink Snow Mould (<i>Microdochium nivale</i>)	128 ml – 160 ml	One application applied just before permanent snow cover	Apply Interface STRESSGARD in late fall before permanent snow cover. In regions with a history of heavy snow mould disease pressure use the highest labeled rate. Apply the required amount of Interface STRESSGARD in 6 to 8L of water per 100m ² . (Do not apply on top of snow or when temperature is below zero degrees Celsius.)
Microdochium Patch, Fusarium Patch (<i>Microdochium nivale</i>)	128 ml – 160 ml	14-28	Apply Interface STRESSGARD when conditions favour disease development (cool and wet with little or no snow cover for prolonged periods <14°C) Apply on a 14, 21 or 28 day spray interval. In coastal region under high disease pressure use highest rate and shortest interval.
Brown Patch (<i>Rhizoctonia solani</i>)	95 ml – 160 ml	14-28	Apply Interface STRESSGARD at the first sign of Brown Patch symptoms or preventatively when stressful environmental conditions (surface moisture and humidity is greater than 80%, night time temperatures >20°C) favour disease development Apply on a 14, 21 or 28 day spray interval. Under severe disease pressure use highest rate and shortest interval. .

Dollar Spot (<i>Sclerotinia homoeocarpa</i>)	95 ml - 160 ml	14-28	Apply Interface STRESSGARD at the first sign of Dollar Spot symptoms or preventatively when stressful environmental conditions (extended periods of dew >8hrs at temperatures between 13 °C-27 °C) favour dollar spot development Apply on a 14, 21 or 28 day spray interval. Under severe disease pressure use highest rate and shortest interval.
Basal rot and Foliar blight Anthracnose (<i>Colletotrichum sp.</i>)	95 ml – 160 m	14-21	Apply Interface STRESSGARD preventatively when stressful environmental conditions favour Basal rot and Foliar blight anthracnose disease development. Apply on a 14 or 21 day spray interval. Under severe disease pressure use highest rate and shortest interval.

DO NOT apply more than 45.27 L of Interface STRESSGARD per hectare per year.

Use a minimum of 600 L/ha (6 L/100m²) spray solution to a maximum of 800 L/ha (8 L/100m²).

For control of anthracnose, **DO NOT** apply more than 1 application of Interface STRESSGARD before alternating with a fungicide having a different mode of action registered for the same disease or pathogen. For control of diseases other than anthracnose, **DO NOT** apply more than 2 sequential applications before alternating with a fungicide having a different mode of action registered for the same disease or pathogen for at least one application.

See Resistance Management Recommendations below.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that Interface STRESSGARD contains a Groups 2 and 11 fungicides. Any fungal population may contain individuals naturally resistant to Interface STRESSGARD and other Groups 2 and 11 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 Interface STRESSGARD or other Group 2 and 11 fungicides with different groups that control the same pathogens.
- Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.

- Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications.
- Monitor treated fungal populations for resistance development. Notify Bayer CropScience Inc. if reduced sensitivity of the pathogen to Interface STRESSGARD is suspected.
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 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.

Interface STRESSGARD is a registered trademark of Bayer.