

# Iprodione Turf and Ornamental Fungicide

GROUP

2

FUNGICIDES

WETTABLE POWDER  
COMMERCIAL

For use on turf and ornamentals

GUARANTEE : 500 g/Kg Iprodione

WARNING , contains the allergen sulfite.

REGISTRATION NUMBER 30534 PEST CONTROL PRODUCTS ACT  
Net Contents: 1 Kg



**CAUTION**

**POISON**

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

BAYER CROPSCIENCE INC.\*  
Suite 200, 160 Quarry Park Blvd. S.E.  
CALGARY, ALBERTA  
T2C 3G3

\*BAYER ENVIRONMENTAL SCIENCE  
A DIVISION OF BAYER CROPSCIENCE

For product information and in case of spills, poisoning, fire or other emergencies, call 1-888-283-6847

**PRECAUTIONS:**

KEEP OUT OF REACH OF CHILDREN.

DO NOT inhale product or spray. This product is mildly irritating to eyes. Wash hands and exposed skin before eating, drinking or smoking. Thoroughly clean application equipment after use. DO NOT contaminate domestic or irrigation waters. DO NOT store in contact with foodstuffs.

**FIRST AID:**

**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 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. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. 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. Medical personnel should contact Bayer CropScience's medical information services, toll-free 1-800-334-7577.

**DISPOSAL:**

1. Empty bag.
2. Follow provincial instructions for any required additional cleaning of the bag prior to its disposal.
3. Make the empty bag unsuitable for further use.
4. Dispose of the bag in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for cleanup 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.

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## **PRECAUTIONS:**

**KEEP OUT OF REACH OF CHILDREN.**

During all activities, wear long pants, long-sleeved shirt and work boots. In addition, chemical resistant gloves, protective eyewear and work boots must be worn during mixing, loading, cleanup and repair of spray equipment.

**DO NOT re-enter treated areas within 12 hours. If required, individuals may re-enter treated areas within 12 hours for short-term tasks not involving hand labour if at least 4 hours have passed since application and long pants, long-sleeved shirt, hat, protective eyewear and chemical resistant gloves are worn.**

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**DIRECTIONS FOR USE:**

For application through field sprayers, put one half the required water volume in the tank, stir in Iprodione Turf and Ornamental Fungicide and add the remainder of the water. For use through knapsack or small sprayers, first stir the required amount of Iprodione Turf and Ornamental Fungicide 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).

Iprodione Turf and Ornamental Fungicide should not be mixed with other pesticides, adjuvants or fertilizers except where stated. **DO NOT APPLY BY AIRCRAFT.**

**TURF AND ORNAMENTALS****TURF**

Iprodione Turf and Ornamental Fungicide is effective either as a preventative or curative spray. Ensure the area to be treated is covered uniformly. Apply the required amount of Iprodione Turf and Ornamental Fungicide in not less than 10 litres per 100 m<sup>2</sup>. When treating golf greens, always treat aprons and fairway approaches. Avoid mowing for ten hours after application.

### **DOLLAR SPOT (*Sclerotinia homeocarpa*)**

Apply Iprodione Turf and Ornamental Fungicide at the first sign of disease and repeat at recommended intervals as long as required. Use either 30g per 100 m<sup>2</sup> at 14-day intervals or 45 g per 100 m<sup>2</sup> at 21 day intervals.

### **BROWN PATCH (*Rhizoctonia solani*)**

Apply Iprodione Turf and Ornamental Fungicide at 60 to 125 g per 100 m<sup>2</sup>, beginning when the disease is first observed and continue at 14 to 21 day intervals throughout the season or as needed. Under severe disease pressure use the higher rate and the shorter interval.

### **LEAF SPOT, MELTING OUT (*Helminthosporium spp.*)**

Apply Iprodione Turf and Ornamental Fungicide at 60 g per 100 m<sup>2</sup> when the disease first appears. Repeat 2 or 3 times in the early spring at 14 -21 day intervals or as needed

### **GREY AND PINK SNOW MOLD (*Typhula spp.* and *Fusarium nivale*)**

To suppress the active stages of the disease during spring or fall, apply Iprodione Turf and Ornamental Fungicide at 180g per 100 m<sup>2</sup>. For winter protection, Rovral Green® is recommended.

### **ORNAMENTALS - CONTROL OF BOTRYTIS spp.**

**RATE:** 10g Iprodione Turf and Ornamental Fungicide per 10 litres of water. Apply to the point of run-off, ensuring good coverage of the plants.

**TIMING:** Treat at the onset of Botrytis and repeat at 21 day intervals, or as necessary.

To reduce the possibility of disease resistance, Iprodione Turf and Ornamental Fungicide **must** be alternated with other fungicides.

The following species have been safely treated:

Adiantum spp	Hypoestes sanguinolenta
Apehlandra squarrosa	Impatiens spp
Aralia elegantissima	Iresine herbstii
Aralia sieboldii	Kalanchoe spp
Asparagus sprengeri	Maranta spp
Asparagus plumosus	Monstera deliciosa borsigiana
Azalea spp	Neanthe bella
Begonia rex var. Fireglow	Nepeta (ginger plant)
Chrysanthemum spp	Nephrolepis spp
(all year round)	Pelargonium spp
Chlorophytum spp	Peperomia caperata
Cineraria spp	Peperomia hederifolia
Ciccus antarctica	Peperomia magnoliifolia
Croton spp var. Bravo	Philodendron scandens
Cyclamen spp	Pilea cadierei
Dracaena spp var. Rededge	Poinsettia spp
Episcia cupreata	Primula spp
Euonymus spp	Rhoicissus spp
Euphorbia splendens	Ruellia makoyana
Ficus spp	Saintpaulia ionantha**
Fittonia spp	Saxifraga stolonifera
Fuchsia spp	Senecio macroglossus variegatum
Geranium (Zonal)	Setcreasea purpurea
Gesneria spp	Sinningia spp (Gloxinia)
Gynura sarmentosa	Solanum capsicastrum
Hedera spp	Rosa Samantha

\*\* Spraying Saintpaulia flowers may result in petal scorch. Tepid water should be used and the wet plants protected from direct sunlight.

Tolerance of other species should be checked on a few plants before making any large scale applications.

### **ORNAMENTALS - CONTROL OF DAMPING-OFF CAUSED BY RHIZOCTONIA**

**RATE:** 2 g Iprodione Turf and Ornamental Fungicide in 5 litres of water applied per square metre as a drench.

**TIMING:** Treat immediately after picking out when the risk of infection is particularly high.

The following species can be treated: Celosia, Salvia. Tolerance of other species should be checked on a few plants before making any large scale applications.

### **CONIFER SEEDLINGS (SPRUCE, FIR, HEMLOCK, CEDAR) - CONTROL OF BOTRYTIS BLIGHT:**

FOR USE ON CONTAINER OR BARERoot CONIFER SEEDLINGS IN GREENHOUSES AND CONIFER NURSERIES.

**RATE:** 1.5-2 kg Iprodione Turf and Ornamental Fungicide /ha in 1100 litres of water/ha. (15-20 grams in 11 litres water/100 m<sup>2</sup>)

**TIMING:** Treat at the onset of botrytis, and repeat at 21 day intervals. Do not apply more than 3 applications of Iprodione Turf and Ornamental Fungicide /year. Do not apply 2 days prior to harvest. To reduce the possibility of disease resistance Iprodione Turf and Ornamental Fungicide must be alternated with other suitable fungicides.

### **RESISTANCE MANAGEMENT RECOMMENDATIONS**

For resistance management, please note that Iprodione Turf and Ornamental Fungicide contains a Group 2 fungicide. Any fungal population may contain individuals naturally resistant to Iprodione Turf and Ornamental 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 Iprodione Turf and Ornamental 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 representatives at 1-800-334-7577 or at [www.bayercropscience.ca](http://www.bayercropscience.ca).