

GROUP	7	FUNGICIDE
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CADENCE® WDG FUNGICIDE

For disease control on golf course turfgrass.

COMMERCIAL (AGRICULTURAL)

GUARANTEE: Boscalid ... 70%

REGISTRATION NO. 27496

PEST CONTROL PRODUCTS ACT

**IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT
1-800-454-2673**



CAUTION

POISON

**POTENTIAL SKIN SENSITIZER
WARNING - EYE IRRITANT**

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

NET CONTENTS: 162 g

BASF Canada Inc.
345 Carlingview Drive
Toronto, Ontario
M9W 6N9

CADENCE® is a registered trademark of BASF AG, used under license by BASF Canada Inc.

PRECAUTIONS:

1. **KEEP OUT OF REACH OF CHILDREN.**
2. **DO NOT** take internally. Harmful if swallowed.
3. **DO NOT** get in eyes. Causes eye irritation. Avoid contact with skin and clothing. Potential skin sensitizer.
4. Wash exposed areas of skin thoroughly after handling and before eating, drinking or smoking.
5. Wear long-sleeved shirt, long pants and chemical resistant gloves during mixing, loading, application, clean up and repair.
6. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
7. Clean spray equipment thoroughly after use.
8. **DO NOT** contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.

FIRST AID:

IN CASE OF EYE CONTACT: **IMMEDIATELY** flush eyes with flowing water for at least 15 minutes and consult a physician if irritation develops.

IN CASE OF SKIN CONTACT: Wash with soap and water. Remove contaminated clothing and launder separately from household laundry before re-use. Consult a physician if irritation develops.

IF SWALLOWED: **IMMEDIATELY** call a physician or poison control centre. **DO NOT** induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: **IMMEDIATELY** remove affected victim(s) to fresh air. Assist breathing if necessary. **IMMEDIATELY** consult a physician or poison control centre.

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

TOXICOLOGICAL INFORMATION:

The patient should be treated symptomatically.

STORAGE:

1. Store the leftover product in original tightly closed container.
2. **DO NOT** ship or store the product near food, feed, seed and fertilizers.
3. Store the product in cool, dry, locked, well-ventilated area without floor drain.

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.

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.

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GENERAL INFORMATION:

Cadence WDG Fungicide is a systemic anilide fungicide recommended for the control of dollar spot (*Sclerotinia homoeocarpa*) of golf course turfgrass. For maximum efficacy, **Cadence WDG Fungicide** should be applied when local conditions favour development of disease. All applications should be made according to the use directions that follow. Failure to follow directions and precautions on this label may result in crop injury and/or inferior disease control.

DIRECTIONS FOR USE:

Apply the recommended rate of **Cadence WDG Fungicide** as instructed in the **Specific Use Directions** with ground spray equipment. **DO NOT APPLY BY AIR.**

Turfgrass Tolerance

Tolerance on all turfgrasses under all conditions has not been assessed. Therefore, it is recommended that the user apply the recommended use rate of **Cadence WDG Fungicide** on a small test area under conditions expected to be encountered and monitor for any adverse effects before applying **Cadence WDG Fungicide** to targeted area.

Application Instructions

Cadence WDG Fungicide should be applied prior to or in early stages of disease development. For maximum efficacy, apply **Cadence WDG Fungicide** at the rates indicated in **Table 1** in 5 to 15 litres of water per 100 square meters (500-1500 litres per hectare). Use the shorter specified application interval and higher rate when prolonged favourable disease conditions exist.

- Actual length of disease control will vary depending on environmental conditions, disease pressure, and turfgrass management practices.
- Calibrate sprayer prior to use.
- Apply after mowing or allow area to dry prior to mowing or irrigation.
- Apply **Cadence WDG Fungicide** using sufficient water volume and pressure for adequate coverage of the foliage.
- Apply the recommended rate of **Cadence WDG Fungicide** with ground spray equipment only.

Table 1. Application Rates and Intervals for Turfgrass³

Disease (Pathogen)	Use Rate (grams/ 100 sq. m.)	Use Rate (grams/ha)	Application Interval (days)
Dollar Spot ^{1,2} (<i>Sclerotinia homoeocarpa</i>)	3.2-4.0	320-400	14

¹ **DO NOT** apply more than two (2) sequential applications of **Cadence WDG Fungicide** for control of dollar spot.

² **DO NOT** apply more than 2.4 Kilograms of product per hectare per year.

³ Apply prior to or in early stages of disease development.

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

A buffer zone of 9 metres is required between the downwind point of direct application and the closest edge of 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).

ENVIRONMENTAL HAZARDS:

Toxic to fish and other aquatic organisms, birds, mammals and off-target plants. Observe buffer zones specified under DIRECTIONS FOR USE. **DO NOT** apply to areas where runoff is likely to occur. Site characteristics that may lead to runoff following heavy rainfall include, but are not limited to: a moderate to steep slope, bare soil, poorly drained soils (e.g. soils that are compacted or fine textured). If rainfall is imminent, delay application. Boscalid is persistent and will carry over; it is recommended that the product, **Cadence WDG Fungicide** containing boscalid, not be used in areas treated with this product during the previous season.

RESISTANCE MANAGEMENT:

For resistance management, please note that **Cadence WDG Fungicide** contains a Group 7 fungicide. Any fungal population may contain individuals naturally resistant to **Cadence WDG Fungicide** and other Group 7 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same locations. Other resistance mechanisms that are not linked to site of action but are 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 **Cadence WDG Fungicide** or other Group 7 fungicides with different groups that control the same pathogens.

Avoid application of consecutive sprays of **Cadence WDG Fungicide** or other fungicides in the same group in a season. Do not apply more than two (2) sequential applications of **Cadence WDG Fungicide** for control of dollar spot. Then alternate to an effective dollar spot fungicide with a different mode of action for at least two (2) applications.

Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and cover crop and considers cultural, biological and other chemical control practices.

Monitor efficacy of all fungicides used in the disease management program against the targeted pathogen and record other factors that may influence fungicide performance and/or disease development.

If **Cadence WDG Fungicide** appears to be less or no longer effective against a pathogen that it previously controlled or suppressed, contact a BASF-representative, local extension specialist, or certified crop advisor to assist in determining the cause of reduced performance. For further information, contact BASF Canada Inc. at 1-877-371-2273.

MIXING:

1. Ensure the spray tank is clean before use. Follow the clean-out recommendations stated on the label of the product that was previously used.
2. Fill the spray tank one-half full of water and start agitation.
3. Add the required amount of **Cadence WDG Fungicide** to the tank.
4. Continue agitation while filling the remainder of the spray tank.
5. After use, clean the spray tank according to PRECAUTIONS.

RESTRICTIONS AND LIMITATIONS:

1. **DO NOT** enter or allow others to enter treated area until spray has dried.
2. **DO NOT** apply more than a total of 24 g of **Cadence WDG Fungicide** per 100 sq. meters (2.4 kilograms per hectare) per season.

3. **DO NOT** apply **Cadence WDG Fungicide** to crops other than golf course turfgrass.
4. **DO NOT** apply **Cadence WDG Fungicide** through any type of irrigation equipment.

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This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.