

Proposed Emergency Use Greenhouse Cucumbers, January 15, 2009

|       |   |    |           |
|-------|---|----|-----------|
| GROUP | 7 | 11 | FUNGICIDE |
|-------|---|----|-----------|

**Pristine™ WG Fungicide**

**FOR EMERGENCY USE ONLY**

For sale and use in Ontario, British Columbia and Alberta for the control of powdery mildew and gummy stem blight in greenhouse cucumbers until December 31, 2009.

**COMMERCIAL (AGRICULTURAL)**

**GUARANTEE:**           Boscalid..... 25.2%  
                          Pyraclostrobin ..... 12.8%

**REGISTRATION NO. 27985**

**PEST CONTROL PRODUCTS ACT**

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

**NET CONTENTS:** 1-25 kg

BASF Canada Inc.  
100 Milverton Drive  
5th Floor  
Mississauga, Ontario  
L5R 4H1

PB  
6-02-09

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

**Pristine™** is a trademark of BASF, used under license by BASF Canada Inc.

## GENERAL INFORMATION

Apply recommended rates of **PRISTINE WG FUNGICIDE** as instructed in the following series of crop application rate tables. Apply **PRISTINE WG FUNGICIDE** using high volume, low volume or ultra low volume ground equipment. **DO NOT** apply this product using any type of foggers or misters. Equipment should be checked frequently for proper calibration.

### Crop-Specific Recommendations

#### Greenhouse Cucumbers Crop Group: Application Rate and Timing Table

Do not use on greenhouse transplants.

| Crop   | Disease   | Application Rate (kg/ha) | Pre-Harvest Interval (days) |
|--|---|--------------------------|-----------------------------|
| Greenhouse cucumbers   | Powdery Mildew ( <i>Podosphaera xanthii</i> )<br>Gummy Stem Blight ( <i>Didymella bryoniae</i> ) ← <span style="border: 1px solid black; padding: 2px;">bryoniae</span> | 1.0 – 1.2                | 0                           |
| <p>Begin applications prior to disease development. Use a higher rates when disease pressure is high.</p> <p>Use a minimum of 250 L/ha water volume.</p> <p><b>DO NOT</b> apply more than once per crop cycle.</p> |   |                          |                             |

## CROP-SPECIFIC RECOMMENDATIONS

### Crop-Specific Restrictions and Limitations

| Crop                 | Minimum Time From Application to Harvest (PHI) | Maximum Rate Per Hectare Per Application (kilograms) | Maximum Number of Applications Per Crop |
|----------------------|--|--|---|
| Greenhouse cucumbers | 0  | 1.2  | Once per crop cycle                     |

## 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 **PRISTINE WG fungicide** to the tank.
4. Continue agitation while filling the remainder of the spray tank .
5. After use, clean the spray tank.

## APPLICATION METHODS

### Ground application

Apply **PRISTINE WG fungicide** at rates listed in the Application Rate and Timing Tables (crop specific) when conditions are favourable for disease development. Use a minimum water volume to ensure thorough coverage of foliage. Consult nozzle manufacturers recommendaton for spray pressures for specific nozzles.

## RESISTANCE-MANAGEMENT RECOMMENDATIONS

Please note that **PRISTINE WG FUNGICIDE** contains both a Group 7 (boscalid) and Group 11 (pyraclostrobin) fungicide. Any fungal population may contain individuals naturally resistant to **PRISTINE WG FUNGICIDE** and other Group 7 and Group 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 are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

- Adhere to the label instructions regarding the use of **PRISTINE WG FUNGICIDE** or other Group 7 or 11 fungicides as stated in the Crop-Specific Restrictions and Limitations section of the label. **DO NOT** apply more than ~~one application per calendar year.~~ ← once per crop cycle.
- **PRISTINE WG FUNGICIDE** use should be based on an IPM program that includes scouting, historical information related to pesticide use, crop rotation and considers cultural, biological and other chemical control practices.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist, or certified crop advisers for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact a BASF representative at 1-877-371-2273 or at [www.agsolutions.ca](http://www.agsolutions.ca).

## **RESTRICTIONS AND LIMITATIONS**

1. **DO NOT** re-enter treated area until sprays have dried.
2. All crops can be grazed or fed to livestock.
3. A plant back restriction of 14 days is required for all crops not on the label.
4. This product may be toxic to beneficial arthropods such as predatory and parasitoid insects.

## **PRECAUTIONS**

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Harmful if swallowed. Do not take internally.
3. Avoid contact with eyes, skin and clothing.
4. Wash thoroughly after handling and before eating, drinking or smoking.
5. When mixing, loading, cleaning and applying **PRISTINE WG FUNGICIDE**, workers must wear coveralls over a long-sleeved shirt and long pants, gloves (rubber, PVC, neoprene or nitrile) and shoes plus socks.
6. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
7. Clean spray equipment thoroughly after use.
8. Crop specific restricted entry intervals are listed under Directions for Use under Crop specific application rate and timing tables.
9. Do not contaminate domestic or irrigation water, lakes, streams or ponds by the cleaning of equipment or the disposal of wastes.
10. If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., contact 1-866-375-4648 or [www.croplife.ca](http://www.croplife.ca).

## **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 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.

## FIRST AID INSTRUCTIONS

**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.

## 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.

