For Ground and Aerial Applications to Hops

EPA Reg. No. 7969-199

Active Ingredients:
- pyraclostrobin: (carbamic acid, [2-[3-(1-(4-chlorophenyl)-1H-pyrazol-3-yl)oxy]methyl]phenyl)methoxy-, methyl ester) ........................................... 12.8%
- boscalid: 3-pyridinecarboxamide, 2-chloro-N-(4'-chloro(1,1'-biphenyl)-2-yl)- ........................................................... 25.2%

Other Ingredients: .................................................................................................................................................. 62.0%

Total: .................................................................................................................................................................. 100.0%

0.128 oz (0.006 lb) of pyraclostrobin in 1 oz of Pristine® fungicide
0.252 oz (0.0168 lb) of boscalid in 1 oz of Pristine

OBSERVE ALL FIRST AID, PRECAUTIONARY STATEMENTS, PERSONAL PROTECTIVE EQUIPMENT, AND MIXING AND APPLICATION INSTRUCTIONS ON THE Pristine MAIN CONTAINER LABEL BEFORE USING.

Environmental Hazards

Surface Water Advisory
This product may contaminate water through drift of spray in wind. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams and springs will reduce the potential for contamination of water from rainfall runoff. Runoff of this product will be reduced by avoiding application when rainfall is forecast to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

This pesticide is toxic to fish and aquatic invertebrates. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

DO NOT apply directly to water, areas where surface water is present, or intertidal areas below the mean high water mark. DO NOT contaminate water when disposing of equipment washwaters or rinsate.

Directions For Use
It is a violation of federal law to use this product in a manner inconsistent with its labeling. DO NOT apply this product in a way that will contact workers or others persons, either directly or through drift. Only protected handlers may be in the area during application.

Refer to the Pristine main container label, EPA Reg. No. 7969-199, for complete Directions For Use and all applicable restrictions and precautions. User must have the full Pristine container label and this supplemental label in possession at the time of pesticide application.

General Information
Pristine provides optimum disease control when applied in a regularly scheduled protective fungicide program and used in a spray program that rotates fungicides with different modes of action. Refer to the Pristine main container label for general resistance management information and to the Pristine Hops Ground Application Use Directions and Pristine® fungicide Hops Aerial Application Use Directions tables found in this label.
Application Instructions
Apply Pristine® fungicide according to the rate, timing, resistance management and other recommendations in the Pristine Hops Ground Application Use Directions and Pristine® fungicide Hops Aerial Application Use Directions tables.

Aerial Application
One aerial application can be made to a hops crop, but only in situations when ground application is not possible.
However, thorough spray coverage of the crop is required to obtain optimum disease control. Use no less than 10 gallons of spray solution per acre.
Because complete coverage is important for effective disease control, aerial application at low volumes may result in reduced control due to lack of canopy penetration and coverage.

Restrictions and Limitations
Follow the restrictions and limitations outlined in Table 1. Pristine Hops Ground Application Use Directions and Table 2. Pristine® fungicide Hops Aerial Application Use Directions. DO NOT apply when wind speed favors drift beyond the area intended for treatment.
Avoid application under conditions when uniform coverage cannot be obtained or when spray drift may occur.
No aerial application in New York state except as permitted under FIFRA Section 24(c), Special Local Need Registration.

Table 1. Pristine Hops Ground Application Use Directions

<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Disease</th>
<th>Product Use Rate per Application</th>
<th>Maximum Number of Ground Applications per Season</th>
<th>Maximum Product Rate per Season</th>
<th>Minimum Time from Application to Harvest (PHI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hops (Ground Application)</td>
<td>Powdery mildew (Erysiphe cichoracearum, Sphaeroteca spp.)</td>
<td>14 ozs per 100 gallons of dilute spray</td>
<td>3 (2 if one aerial application is made)</td>
<td>84 ozs per acre (70 ozs per acre if one aerial application is made)</td>
<td>14 days</td>
</tr>
<tr>
<td></td>
<td>Downy mildew (Pseudoperonospora humuli)</td>
<td>DO NOT use more than 28 ozs per acre.</td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

Application Directions. Begin applications of Pristine prior to disease development and continue on a 10- to 21-day interval.
Use the shorter interval when disease pressure is high.
Application rates are based on 100 gallons of dilute spray applied to runoff. Adjust water volume to maintain thorough coverage. Use 25 to 50 gallons of dilute spray per acre prior to trellising and 100 to 200 gallons of dilute spray per acre thereafter. DO NOT use more than 200 gallons per acre of this mixture. If additional spray volume is needed for thorough coverage, use 28 ozs of Pristine per acre in the required spray volume.

Resistance Management. To limit the potential for development of resistance, DO NOT make more than three (3) applications of Pristine per season (counting both ground and aerial applications). DO NOT make more than two (2) sequential applications of Pristine before alternating to a labeled fungicide with a different mode of action.

Restrictions. DO NOT use more than 200 gallons per acre of this mixture. If additional spray volume is needed for thorough coverage, use 28 ozs of Pristine per acre in the required spray volume.
<table>
<thead>
<tr>
<th>Crop</th>
<th>Target Disease</th>
<th>Aerial Product Use Rate per Application</th>
<th>Maximum Number of Aerial Applications per Season</th>
<th>Aerial Application Timing Growth Stage</th>
<th>Minimum Time from Aerial Application to Harvest (PHI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hops (Aerial Application)</td>
<td>Powdery mildew (Erysiphe cichoracearum, Sphaerotheca humuli, Sphaerotheca macularis, Sphaerotheca spp.)</td>
<td>14 ozs per acre as a tank mix with a myclobutanil fungicide product (see myclobutanil rate following)</td>
<td>1</td>
<td>Wire to 14 days preharvest</td>
<td>14 days</td>
</tr>
</tbody>
</table>

**Application Directions.** Aerial application may result in reduced control due to lack of canopy penetration and coverage. Aerial application should only be used in situations when ground application is not possible.

Apply a preventive spray of Pristine at 14 ozs as a tank mix with a myclobutanil fungicide product at rates equivalent to 0.15 lb per acre of active ingredient (including but not limited to: Rally® 40W fungicide at 6 ozs product per acre or Sonoma™ 40WSP fungicide at 6 ozs product per acre) for resistance management.

Avoid applications under conditions when uniform coverage cannot be obtained or when spray drift may occur. Use a minimum of 10 gallons of water per acre when applying by air. Thorough coverage is essential.

Because complete coverage is important for effective disease control, aerial application at low volumes may result in reduced control due to lack of canopy penetration and coverage.

Mixing Pristine with surfactants or foliar fertilizers is not recommended when applying by air. Similarly, adjuvants that enhance pesticide penetration may cause phytotoxicity when used with Pristine applied by air.

**Resistance Management.** To limit the potential for development of resistance, DO NOT make more than one (1) aerial application of Pristine per season and include a myclobutanil product as a tank mix as described in this table.
Conditions of Sale and Warranty

The Directions For Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions For Use, subject to the inherent risks, referred to above.

To the extent consistent with applicable law, BASF makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty.

To the extent consistent with applicable law, Buyer's exclusive remedy and BASF's exclusive liability, whether in contract, tort, negligence, strict liability, or otherwise, shall be limited to repayment of the purchase price of the product.

To the extent consistent with applicable law, BASF and the Seller disclaim any liability for consequential, special or indirect damages resulting from the use or handling of this product.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Conditions of Sale and Warranty which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

Pristine is a registered trademark of BASF.
Rally is a trademark of Dow AgroSciences LLC.
Sonoma is a trademark of Albaugh, Inc.