Ph-D™ Water Dispersible Granules

For use on Various Crops

ACTIVE INGREDIENT:
Polyoxin D zinc salt ................................................................. 11.3%

OTHER INGREDIENTS: .......................................................... 88.7%

TOTAL ........................................................................... 100.0%

KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE BOOKLET FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Product Information Call 1-866-761-9397

Produced for
Arysta LifeScience North America, LLC
15401 Weston Parkway, Suite 150
Cary, NC 27513
EPA Reg. No. 66330-56
EPA Est. No. 70815-GA-001
AD031510
102707

NET WEIGHT: 2lb.
**First Aid**

If on skin or clothing:
- Take off contaminated clothing.
- Wash skin immediately with plenty of water for 15-30 minutes.
- Call poison control center or doctor for treatment advice.

If in eyes:
- Hold eye open and rinse slowly and gently with water for 15-30 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call poison control center or doctor for treatment advice.

If swallowed:
- Call poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless advised do so by the poison control center 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 respirations, probably by mouth-to-mouth, if possible.
- Call poison control center or doctor for further treatment advice.

**Personal Protective Equipment (PPE)**

How the product container or label with you when calling a poison control center or doctor, or going for treatment.

**Precautionary Statements**

**Hazards to Humans and Domestic Animals**

CAUTION: Harmful if absorbed through the skin, swallowed or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Avoid breathing dust or spray mist. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

**Mixing Instructions for Ph-D Water Dispersible Granules**

- Do not apply this product through any type of irrigation system.
- Use on a small number of plants prior to more widespread application.
- If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. To assess the potential for phytotoxicity, test tank mixtures using a quart jar, add the proportionate amounts of the product to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow the mixture to stand for 5 minutes.
- Follow the manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

**Environmental Hazards**

- This product is moderately toxic to aquatic invertebrates and fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or runoff. Do not allow spray drift or runoff to contact watercourses, ponds or public waterways. Dust and drift may be hazardous to aquatic organisms in water adjacent to treated areas.
- Granules exposed on soil surface may be hazardous to fish and aquatic invertebrates. Collect granules spilled during handling.
- Observe the most restrictive of the labeling limitations and procedures of all products used in mixtures.

**Directions for Use**

- It is a violation of Federal law to use this product in a manner inconsistent with the labeling.
- For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.
- This product is non-agricultural use - To treat food crops.
- Apply as a preventative or curative treatment in conjunction with good management practices.
- This product is not recommended for use in greenhouses or nurseries.
- This product is not recommended for use in forests.
- Apply Ph-D Water Dispersible Granules as a preventative or curative treatment in conjunction with good management practices.
- Avoid the consecutive use of Ph-D Water Dispersible Granules or other fungicides of similar target site of action Group 19 fungicides on the same pathogen. This may result in partial or total loss of control of these species by Ph-D Water Dispersible Granules or other Group 19 Fungicides. For the treatment of fungal resistance, consider:
  - Avoiding the consecutive use of Ph-D Water Dispersible Granules or other target site of action Group 19 fungicides that have a similar target site of action, on the same pathogens.

**Storage and Disposal**

- Store in a cool, dry place.

**First Aid Measures**

- For any requirement specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**User Safety Recommendations**

- Follow the manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables are available, use detergent and hot water. Keep and wash PPE separately from other laundry.

**PPE**

- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**Agricultural Use Requirements**

- Use this product only in accordance with its labeling and the Worker Protection Standard (WPS). This Standard also requires for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions for the label and personal protective equipment (PPE), notification to workers, and restricted-entry intervals. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.
- Do not use or allow entry into treated areas during the restricted entry interval (REI) of 4 hours unless assuming appropriate PPE.
- PPE required for entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is: covers, socks, shoes, chemical resistant gloves.

**Non-agricultural Use Requirements**

- The requirements in the box apply to uses of this product that are not covered by the Worker Protection Standard. For non-agricultural uses, use maximum recommended rates and practice all label precautions. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**Handling and Storage**

- For any requirement specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

**Emergency Medical Assistance**

- See the emergency telephone number(s) on the back of the label.
- Call Poison Control Center or doctor/physician for additional information.

**General Information**

- Avoid the consecutive use of Ph-D Water Dispersible Granules or other fungicides of similar target site of action Group 19 fungicides on the same pathogen. This may result in partial or total loss of control of these species by Ph-D Water Dispersible Granules or other Group 19 Fungicides.
- Avoid the consecutive use of Ph-D Water Dispersible Granules or other target site of action Group 19 fungicides that have a similar target site of action, on the same pathogens.
- Avoid mixing residues or pre-mixes with fungicides from different target site of action groups as long as the involved products are all registered for the same use and are all both effective at the labeled rate or maintain the same level of efficacy.
- Use as a preventative or curative treatment in conjunction with good management practices.
- Contact your local extension specialist, certified crop advisers, and/or manufacturer for fungicide resistance management and/or PIM recommendations for specific crops and resistant pathogens.

**Mixing and Application**

- When diseases not specified on this label are present or expected, it is appropriate to mix Ph-D Water Dispersible Granules with appropriately labeled fungicides. When tank mixing Ph-D Water Dispersible Granules with other products, observe all precautions and limitations on each separate product label. It is always advisable to conduct a tank test compatibility study before using this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Use a jar test to add the proportionate amounts of the products to approximately one quart of water with agitation. Add all formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow the mixture to stand for 5 minutes.
- Add formulations of the product and the other product to the spray tank in the same order. After thorough mixing, allow the mixture to stand for 5 minutes.
- Add the appropriate proportion of product to the tank according to the ratio in the following table. Follow the directions above for mixing other products in the spray tank.
- If the combination remains mixed, it can be readily remixed. It is physically compatible. Once compatibility has been proven, use the same procedure for adding required ingredients to the spray tank. To assess the potential for phytotoxicity, test tank mixtures using a quart jar, add the proportionate amounts of the product to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow the mixture to stand for 5 minutes.
- For any requirement specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.
- The requirements in the box apply to uses of this product that are not covered by the Worker Protection Standard. For non-agricultural uses, use maximum recommended rates and practice all label precautions. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.
### Grape Disease Control

#### Disease Control

<table>
<thead>
<tr>
<th>Disease</th>
<th>Rate</th>
<th>Application Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Botrytis Bunch Rot</td>
<td>6.2 oz/acre (0.7 oz ai/acre)</td>
<td>Mix in appropriate spray volume appropriate for sufficient coverage. Begin sprays preventatively and repeat on a 10-14 day interval. 0 day Preharvest Interval. May be applied by air or ground. Use of an adjuvant may enhance coverage.</td>
</tr>
<tr>
<td>Powdery Mildew</td>
<td>6.2 oz/acre (0.7 oz ai/acre)</td>
<td>For all diseases, spray product preventatively and continue as needed on a 10-14 day interval. 0 Day Preharvest Interval.</td>
</tr>
</tbody>
</table>

#### Notes:
- Use in alternation with fungicides that have different modes of action.
- Do not apply more than 3 applications of Ph-D Water Dispersible Granules (2.1 oz ai/acre) per season.

### Ginseng (Except California)

#### Disease Control

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Alternaria</td>
<td>6.2 oz/acre (0.7 oz ai/acre)</td>
<td>Mix in appropriate spray volume appropriate for sufficient coverage. Apply a foliar spray every 7-10 days. Apply prior to disease development and when conditions are conducive for disease.</td>
</tr>
</tbody>
</table>

#### Root and Crown Disease Control

<table>
<thead>
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</tr>
</thead>
<tbody>
<tr>
<td>Alternaria</td>
<td>6.2 oz/acre (0.7 oz ai/acre)</td>
<td>Apply as a dust every 14-28 days. Alternative application.</td>
</tr>
</tbody>
</table>

#### Notes:
- Use in alternation with fungicides that have different modes of action.
- Do not apply more than 3 applications of Ph-D Water Dispersible Granules (2.1 oz ai/acre) per season.

### Cucurbit Vegetables

#### Disease Control

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</tr>
</thead>
<tbody>
<tr>
<td>Powdery Mildew</td>
<td>6.2 oz/acre (0.7 oz ai/acre)</td>
<td>Mix in appropriate spray volume appropriate for sufficient coverage. For all diseases, spray product preventatively and continue as needed on a 10-14 day interval. 0 Day Preharvest Interval.</td>
</tr>
<tr>
<td>Gummy Stem Blight</td>
<td>6.2 oz/acre (0.7 oz ai/acre)</td>
<td>For all diseases, spray product preventatively and continue as needed on a 10-14 day interval. 0 Day Preharvest Interval.</td>
</tr>
<tr>
<td>Gray Mold</td>
<td>6.2 oz/acre (0.7 oz ai/acre)</td>
<td>For all diseases, spray product preventatively and continue as needed on a 10-14 day interval. 0 Day Preharvest Interval.</td>
</tr>
<tr>
<td>Corynespora Leaf Spot</td>
<td>6.2 oz/acre (0.7 oz ai/acre)</td>
<td>For all diseases, spray product preventatively and continue as needed on a 10-14 day interval. 0 Day Preharvest Interval.</td>
</tr>
<tr>
<td>Early Blight</td>
<td>6.2 oz/acre (0.7 oz ai/acre)</td>
<td>For all diseases, spray product preventatively and continue as needed on a 10-14 day interval. 0 Day Preharvest Interval.</td>
</tr>
</tbody>
</table>

#### Notes:
- Use in alternation with fungicides that have different modes of action.
- Do not apply more than 5 applications of Ph-D Water Dispersible Granules (3.5 oz ai/acre) per season.
- Not for use in California.
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LAW,ARYSTADISCLAIMSALLOTHERWARRANTIES,EXPRESSEDORIMPLIED,INCLUDINGANYWARRANTYOFMERCHANTABILITYORFITNESSFORAPARTICULARPURPOSE.TOTHEEXTENTCONSISTENTWITHAPPLICABLELAW,

1. The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of Arysta LifeScience North America, LLC (“Arysta”), and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

2. Arysta warrants that this product conforms to the chemical description on the label and is reasonably fit for the purpose stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions.

3. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to Arysta, and is subject to the inherent risks described above. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, ARYSTA, MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF ARYSTA IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.

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