

66330-41

12/19/2005

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Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0080, Approval expires 2-28-95



United States  
Environmental Protection Agency  
Washington, DC 20460

|                                     |              |
|-------------------------------------|--------------|
| <input type="checkbox"/>            | Registration |
| <input type="checkbox"/>            | Amendment    |
| <input checked="" type="checkbox"/> | Other        |

OPP Identifier Number

### Application for Pesticide - Section I

|   |   |   |
|---|---|---|
| 1. Company/Product Number<br>66330-41   | 2. EPA Product Manager<br>Denise Greenway   | 3. Proposed Classification<br><input type="checkbox"/> None <input type="checkbox"/> Restricted |
| 4. Company/Product (Name)<br>ENDORSE Wettable Powder Fungicide  | PM#<br>91   |   |
| 5. Name and Address of Applicant (Include ZIP Code)<br>ARYSTA LifeScience North America Corporation<br>100 First Street, Suite 1700<br>San Francisco, CA 94105<br><input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to:<br><b>NOTIFICATION</b><br>EPA Reg. No. _____ Date Reviewed: <u>12/19/05</u><br>Product Name _____ Reviewed by: <u>CPR/Mark</u> |   |

### Section - II

|  |  |
|--|--|
| <input type="checkbox"/> Amendment - Explain below.                            | <input type="checkbox"/> Final printed labels in response to Agency letter dated _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application.   |
| <input type="checkbox"/> Notification - Explain below.                         | <input checked="" type="checkbox"/> Other - Explain below.                             |

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Notification of "Alternate Brand Name" per PR Notice 98-10  
This notification is consistent with the provision of PR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under section 12 and 14 of FIFRA

### Section - III

|   |   |  |                   |   |                                  |
|---|---|--|-------------------|---|----------------------------------|
| 1. Material This Product Will Be Packaged In:   |   |  |                   | 2. Type of Container  |                                  |
| Child-Resistant Packaging<br><input type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No   | Unit Packaging<br><input type="checkbox"/> Yes<br><input type="checkbox"/> No | Water Soluble Packaging<br><input checked="" type="checkbox"/> Yes<br><input checked="" type="checkbox"/> No |                   | <input type="checkbox"/> Metal                              | <input type="checkbox"/> Plastic |
| * .fication must be submitted   |   | If "Yes" Unit Packaging wgt.   | No. per container | If "Yes" Package wgt.                                       | No. per container                |
|   |   |  |                   | <input checked="" type="checkbox"/> Glass                   | <input type="checkbox"/> Paper   |
|   |   |  |                   | Other (Specify) _____                                       |                                  |
| 3. Location of Net Contents Information<br><input checked="" type="checkbox"/> Label <input type="checkbox"/> Container   |   | 4. Size(s) Retail Container  |                   | 5. Location of Label Directions<br><input type="checkbox"/> |                                  |
| 6. Manner in Which Label is Affixed to Product<br><input type="checkbox"/> Lithograph<br><input type="checkbox"/> Paper glued<br><input type="checkbox"/> Stenciled |   |  |                   | <input type="checkbox"/> Other _____                        |                                  |

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)

|                     |                          |   |
|---------------------|--------------------------|---|
| Name<br>Doina Bujor | Title<br>Project Manager | Telephone No. (Include Area Code)<br>(415) 778 4876 |
|---------------------|--------------------------|---|

### Certification

I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.

6. Date Application Received  
(Stamped)

|                                    |                              |
|------------------------------------|------------------------------|
| 2. Signature<br><i>Doina Bujor</i> | 3. Title<br>Project Manager  |
| 4. Typed Name<br>Doina Bujor       | 5. Date<br>November 15, 2005 |

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**MASTER LABEL**  
Note: This master label will be the basis of two different package labels:  
• VERANDA™ Wettable Powder Fungicide In Water Soluble Bags  
• VERANDA™ Wettable Powder Fungicide

# VERANDA™ Wettable Powder Fungicide

## For use on Turf, Ornamentals and Non-Food Ginseng

### Prohibited for Any Food or Feed Use

|       |           |           |
|-------|-----------|-----------|
| GROUP | <b>19</b> | FUNGICIDE |
|-------|-----------|-----------|

**ACTIVE INGREDIENT:**

|  |               |
|--|---------------|
| Polyoxin D zinc salt (1:1) <sup>1</sup> ,  |               |
| Zinc 5-[[2-amino-5-O-(aminocarbonyl)-2-deoxy-L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-allofuranuronate..... | 2.5 %         |
| <b>OTHER INGREDIENTS:</b> .....  | 97.5 %        |
| <b>TOTAL</b> .....   | <b>100.0%</b> |

<sup>1</sup>Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

EPA Reg. No. 66330-41  
EPA Est. No. \_\_\_\_\_  
Net Weight:  
    1 pound, 1.6 ounces  
    11 lbs

NOTIFICATION  
Date Reviewed: 12/19/05  
Reviewed By: *C. [Signature]*

Produced for:  
Arysta LifeScience North America Corporation  
100 First Street, Suite 1700  
San Francisco, CA 94105  
(866) 761-9397

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**WATER SOLUBLE PACK PACKAGING SUB-LABEL**

**VERANDA™ Wettable Powder Fungicide**

**IN WATER SOLUBLE PACKS**

**For Use on Turf, Ornamental and Non-Food Ginseng**

**Prohibited for Any Food or Feed Use**

|              |           |                  |
|--------------|-----------|------------------|
| <b>GROUP</b> | <b>19</b> | <b>FUNGICIDE</b> |
|--------------|-----------|------------------|

**ACTIVE INGREDIENT:**

Polyoxin D zinc salt (1:1)<sup>1</sup>,  
 Zinc 5-[[2-amino-5-O-(aminocarbonyl)-2-deoxy-  
 L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-  
 dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-  
 allofuranuronate.....

2.5 %

**OTHER INGREDIENTS:**.....

97.5 %

**TOTAL**.....

100.0%

<sup>1</sup>Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.**

EPA Reg. No. 66330-41

EPA EST. No. \_\_\_\_\_

Net weight 1 pound, 1.6 ounces

Each water soluble pack contains 1 lb, 1.6 ounces of product. There is one pack per bag and 10 bags per case.

Produced for:  
 Arysta LifeScience North America Corporation  
 100 First Street, Suite 1700  
 San Francisco, CA 94105  
 (866) 761-9397

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| <b>FIRST AID</b>   |   |
|--|---|
| <b>If on skin or clothing</b>  | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| <b>If in eyes</b>  | <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| <b>If swallowed</b>  | <ul style="list-style-type: none"><li>• Call poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul> |
| <b>If inhaled</b>  | <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>   |
| <b>HOTLINE NUMBER</b>  |   |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. |   |
| <b>FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE:</b><br>CALL 1-800-228-5635 Ext. 174                                     |   |

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

#### **CAUTION**

Harmful if absorbed through skin, swallowed or inhaled. Causes moderate eye irritation. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

## PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks
- Shoes
- Chemical-Resistant gloves made of any waterproof material

### User safety requirement

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.

#### User safety Recommendations

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- 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.

## ENVIRONMENTAL HAZARDS

This product is moderately toxic to aquatic invertebrates and fish. For terrestrial uses: 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 washwaters or rinsate.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribe responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements 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 on this label about personal protective equipment (PPE), notification to workers, and restricted-

entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

PPE required for early entry into 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: coveralls, socks, shoes, chemical resistant gloves made of waterproof material.

### GENERAL INFORMATION

VERANDA™ Wettable Powder Fungicide is for use on golf courses, residential lawns, parks and commercial and institutional grounds composed of cool and warm season grasses such as bluegrass, bentgrass, fescue, ryegrass, zoysiagrass, or their mixtures. VERANDA™ Wettable Powder Fungicide is also for use on ornamentals and ginseng.

VERANDA™ Wettable Powder Fungicide is a systemic, foliar applied fungicide for control of **Brown Patch** and **Large Patch** caused by *Rhizoctonia* spp. and for the suppression and short term control of Fairy Ring caused by the various *Basidiomycetes* fungal pathogens including *Marasmius* spp., *Lepiota* spp. and *Agarius* spp. (ALL STATES)

VERANDA™ Wettable Powder Fungicide also aids in the control of **Cool Weather Brown Patch (Yellow Patch)** (*Rhizoctonia cerealis*), **Foliar and Basal Anthracnose** (*Colletotrichum graminicola*), **Gray Snow Mold** (*Typhula ishikariensis* and *Typhula incarnata*), **Leaf Spot/Melting Out** (*Dreschlera poae*), **Pink Snow Mold** (*Microdochium nivale*), **Red Thread** (*Laetisaria fuciformis*), **Rhizoctonia Damping Off** (*Rhizoctonia solani*), and **Zoysia Patch** (*Rhizoctonia solani*) on cool and warm season turf grasses. (EXCEPT CALIFORNIA)

VERANDA™ Wettable Powder Fungicide also aids in the suppression of **Gray Leaf Spot** (*Pyricularia grisea*). (EXCEPT CALIFORNIA)

Apply VERANDA™ Wettable Powder Fungicide as a preventive or curative treatment in conjunction with good turf management practices.

VERANDA™ Wettable Powder Fungicide also controls Botrytis blight (*Botrytis cinerea*), Alternaria blight (*Alternaria* spp.), Rhizoctonia root and crown rot (*Rhizoctonia solani*) on Ginseng and Ornamentals and Cylindrocarpon root rot (*Cylindrocarpon destructans*) on Ginseng.

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### RESISTANCE MANAGEMENT DIRECTIONS

VERANDA™ Wettable Powder Fungicide contains a Group 19 fungicide. Fungal isolates with acquired resistance to Group 19 may eventually dominate the fungal population if Group 19 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by VERANDA™ Wettable Powder Fungicide or other Group 19 Fungicides.

To delay fungicide resistance, consider:

- Avoiding the consecutive use of VERANDA™ Wettable Powder Fungicide or other target site of action Group 19 fungicides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Basing fungicide use on a comprehensive IPM program.
- Monitoring treated fungal populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

### MIXING AND APPLICATION

When tank mixing VERANDA™ Wettable Powder Fungicide with other products, observe all precautions and limitations on each separate product label. It is always advisable to conduct a spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. 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. Use combinations on a small number of plants to check for phytotoxicity and disease control before treating large areas. Do not use the combination if adverse affects are observed.

Do not apply this product through any type of irrigation system.

Mixing instructions for VERANDA™ Wettable Powder Fungicide in water soluble pack:

- Fill spray tank  $\frac{3}{4}$  full
- Start spray tank agitation
- Drop water soluble pack(s) in tank
- Direct the balance of water at the floating pack(s)
- Pack(s) must be dissolved before recycling through spray tank

Mix only the amount of spray solution needed to treat the desired area.

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For optimum control of labeled diseases, apply VERANDA™ Wettable Powder Fungicide with sufficient water to provide a thorough coverage.

Irrigation or rainfall soon after treatment with VERANDA™ Wettable Powder Fungicide will decrease disease control. For best control, do not irrigate for 12 hours after treatment.

| TURF GRASSES   |   |  |
|--|---|--|
| Disease  | Rate  | Application Notes  |
| *Brown Patch<br>*Large Patch<br>(ALL STATES)   | 10 water soluble packs/acre (0.275 lb active ingredient/acre) (one pack/4,400 square feet) in a minimum of 44 gallons of water/acre | <ul style="list-style-type: none"> <li>Repeat treatment on a 7-14 day schedule where environmental conditions are conducive to development of diseases.</li> <li>When symptoms are present, best control will be achieved by using absorber interval.</li> <li>For best results apply after mowing.</li> </ul>           |
| **Cool Weather Brown Patch (Yellow Patch) ( <i>Rhizoctonia cerealis</i> ),<br>**Foliar and Basal Anthracnose ( <i>Collectotrichum graminicola</i> ),<br>**Gray Snow Mold ( <i>Typhula ishikariensis</i> and <i>Typhula incarnate</i> ),<br>**Leaf Spot/Melting Out ( <i>Dreschlera poae</i> ),<br>**Pink Snow Mold ( <i>Microdochium solani</i> ), and<br>**Zoysia Patch ( <i>Rhizoctonia solani</i> ) on cool and warm season turf grasses.<br>(EXCEPT CALIFORNIA.) |   |  |
| ***Gray Leaf Spot ( <i>Pyricularia grisea</i> ).<br>EXCEPT CALIFORNIA.   |   |  |
| ****Fairy Ring (including <i>Marasmius</i> spp., <i>Lepiota</i> , spp. and <i>Agarius</i> spp.)<br>(ALL STATES)  | 10 water soluble packs/acre (0.275 lb active ingredient/acre) (one pack/4,400 square feet) in a minimum of 88 gallons per acre      | <ul style="list-style-type: none"> <li>Make two-three applications on a 7-day interval schedule.</li> <li>Use a penetrating wetting agent (such as primer or equivalent).</li> <li>Immediately following application, water in the treatment with sufficient irrigation (0.5-1") to wet the active root zone.</li> </ul> |
| Notes:   |   |  |



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- \* Control
- \*\* Aids in control
- \*\*\* Aids in suppression
- \*\*\*\* Suppression and short term control.

| <b>GINSENG (EXCEPT CALIFORNIA)</b>  |   |   |
|---|---|---|
| <b>Foliar Diseases</b>  | <b>Rate</b>   | <b>Application Notes</b>  |
| Botrytis blight ( <i>Botrytis cinerea</i> )<br>Alternaria blight ( <i>Alternaria panax</i> )  | 1.1 – 2.2 lb/100 gal/acre<br>0.03 - 0.06 lb ai/100 gal/acre | <ul style="list-style-type: none"> <li>• Apply as a foliar spray every 7 – 10 days.</li> <li>• Apply prior to disease development and when conditions are conducive for disease.</li> </ul> |
| <b>Root and Crown Diseases</b>  | <b>Rate</b>   | <b>Application Notes</b>  |
| Cylindrocarpon root rot ( <i>Cylindrocarpon destructans</i> )   | 2.2 lb/100 gal/acre<br>0.06 lb ai/100 gal/acre              | <ul style="list-style-type: none"> <li>• Apply as a drench every 14 days.</li> </ul>  |
| Rhizoctonia root and crown rot ( <i>Rhizoctonia solani</i> )  | 1.1 – 2.2 lb/100 gal/acre<br>0.03 – 0.06 lb ai/100 gal/acre | <ul style="list-style-type: none"> <li>• Apply as a drench every 14 – 28 days.</li> </ul>   |
| Notes:  |   |   |
| <ul style="list-style-type: none"> <li>• Do not use for food or feed purposes within 1 year of treatment.</li> <li>• Apply within 2 weeks following plant emergence and continue throughout the season.</li> <li>• Use in alternation with fungicides that have different modes of action.</li> </ul> |   |   |

| <b>ORNAMENTALS</b>  |   |   |
|---|---|---|
| <b>Foliar Diseases</b>  | <b>Rate</b>   | <b>Application Notes</b>  |
| Botrytis blight ( <i>Botrytis cinerea</i> )   | 1.1 – 2.2 lb/100 gal/acre<br>0.03 – 0.06 lb ai/100 gal/acre | <ul style="list-style-type: none"> <li>• Apply as a foliar spray every 7 – 10 days.</li> <li>• Apply prior to disease development and when conditions are conducive for disease.</li> </ul> |
| Alternaria blight ( <i>Alternaria panax</i> )   | 2.2 lb/100 gal<br>0.06 lb ai/100 gal                        |   |
| <b>Root and Crown Diseases</b>  | <b>Rate</b>   | <b>Application Notes</b>  |
| Rhizoctonia root and crown rot ( <i>Rhizoctonia solani</i> )  | 1.1 – 2.2 lb/100 gal/acre<br>0.03 – 0.06 lb ai/100 gal/acre | <ul style="list-style-type: none"> <li>• Apply as a drench every 14 – 28 days.</li> </ul>   |
| Notes:  |   |   |
| <ul style="list-style-type: none"> <li>• Use in alternation with fungicides that have different modes of action.</li> </ul> |   |   |

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**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in dry place away from food or feed.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Dispose of empty outer packaging (bag) in trash.

**FOR 24-HOUR CHEMICAL EMERGENCY  
(Spill, Leak, Fire or Accident) ASSISTANCE:  
CALL CHEMTREC 1-800-424-9300**

**Warranty and Disclaimer Statement**1. Arysta LifeScience North America Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use.

2. This warranty is void if the Buyer or User uses the product contrary to label Directions for Use. **ARYSTA LIFESCIENCE DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. TO THE EXTENT PERMITTED BY LAW, SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. TO THE EXTENT PERMITTED BY LAW, SELLER'S LIABILITY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARYSTA LIFESCIENCE DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**

3. If the Buyer or User uses this product contrary to label Directions for Use, the Buyer or User assumes the risk resulting from such use.

VERANDA™ is a registered trademark of Arysta LifeScience North America Corporation.

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**NON WATER SOLUBLE PAKK/PACKAGING SUB LABEL**

**VERANDA™ Wettable Powder Fungicide**

**For use on Turf, Ornamentals and Non-Food Ginseng**

**Prohibited for any Food or Feed Use**

|              |           |                  |
|--------------|-----------|------------------|
| <b>GROUP</b> | <b>19</b> | <b>FUNGICIDE</b> |
|--------------|-----------|------------------|

**ACTIVE INGREDIENT:**

Polyoxin D zinc salt (1:1)<sup>1</sup>,

Zinc 5-[[2-amino-5-O-(aminocarbonyl)-2-deoxy-L-xylonoyl]amino]-1-(5-carboxy-3,4-dihydro-2,4-dioxo-1(2H)-pyrimidinyl)-1,5-dideoxy-β-D-allofuranuronate.....

2.5 %

**OTHER INGREDIENTS:**.....

97.5 %

**TOTAL**.....

100.0%

<sup>1</sup>Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

EPA Reg. No. 66330-41

EPA EST. No. \_\_\_\_\_

Net weight 11 lbs

Produced for:

Arysta LifeScience North America Corporation

100 First Street, Suite 1700

San Francisco, CA 94105

(866) 761-9397

12/19

| <b>FIRST AID</b>  |   |
|---|---|
| <b>If on skin or clothing</b>   | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| <b>If in eyes</b>   | <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>   |
| <b>If swallowed</b>   | <ul style="list-style-type: none"><li>• Call poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told so by the poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul> |
| <b>If inhaled</b>   | <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li><li>• Call a poison control center or doctor for further treatment advice.</li></ul>   |
| <p style="text-align: center;"><b>HOTLINE NUMBER</b></p> <p style="text-align: center;">Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p> <p style="text-align: center;"><b>FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE:<br/>CALL 1-800-228-5635 Ext. 174</b></p> |   |

## PRECAUTIONARY STATEMENTS

### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

#### **CAUTION**

Harmful if absorbed through skin, swallowed or inhaled. Causes moderate eye irritation. Avoid breathing spray mist. Wash thoroughly with soap and water after handling. Remove and wash contaminated clothing before reuse. Wear the appropriate Personal Protective Equipment (PPE).

#### **PERSONAL PROTECTIVE EQUIPMENT (PPE)**

All mixers, loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Socks
- Shoes
- Chemical-Resistant gloves made of any waterproof material

#### **User safety requirement**

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.

#### **User safety recommendations**

- Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- 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.

### ENVIRONMENTAL HAZARDS

This product is moderately toxic to aquatic invertebrates and fish. For terrestrial uses: 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 washwaters or rinsate.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Carefully read and understand the Directions for Use and restrictions before applying this product.

Do not apply this product in any way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribe responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements 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 on this label about personal protective equipment (PPE), notification to workers, and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 4 hours unless wearing appropriate PPE.

PPE required for early entry into 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: coveralls, socks, shoes, chemical resistant gloves made of waterproof material.

#### GENERAL INFORMATION

VERANDA™ Wettable Powder Fungicide is for use on golf courses, residential lawns, parks and commercial and institutional grounds composed of cool and warm season grasses such as bluegrass, bentgrass, fescue, ryegrass, zoysiagrass, or their mixtures. VERANDA™ Wettable Powder Fungicide is also for use on ornamentals and ginseng.

VERANDA™ Wettable Powder Fungicide is a systemic, foliar applied fungicide for control of **Brown Patch** and **Large Patch** caused by *Rhizoctonia* spp. and for the suppression and short term control of Fairy Ring caused by the various *Basidiomycetes* fungal pathogens including *Marasmius* spp., *Lepiota* spp. and *Agarius* spp. (ALL STATES)

VERANDA™ Wettable Powder Fungicide also aids in the control of **Cool Weather Brown Patch (Yellow Patch)** (*Rhizoctonia cerealis*), **Foliar and Basal Anthracnose** (*Colletotrichum graminicola*), **Gray Snow Mold** (*Typhula ishikariensis* and *Typhula incarnata*), **Leaf Spot/Melting Out** (*Dreschlera poae*), **Pink Snow Mold** (*Microdochium nivale*), **Red Thread** (*Laetisaria fuciformis*), **Rhizoctonia Damping Off** (*Rhizoctonia solani*), and **Zoysia Patch** (*Rhizoctonia solani*) on cool and warm season turf grasses. (EXCEPT CALIFORNIA)

VERANDA™ Wettable Powder Fungicide also aids in the suppression of **Gray Leaf Spot** (*Pyricularia grisea*). (EXCEPT CALIFORNIA)

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Apply VERANDA™ Wettable Powder Fungicide as a preventive or curative treatment in conjunction with good turf management practices.

VERANDA™ Wettable Powder Fungicide also controls Botrytis blight (*Botrytis cinerea*), Alternaria blight (*Alternaria* spp.), Rhizoctonia root and crown rot (*Rhizoctonia solani*) on Ginseng and Ornamentals and Cylindrocarpon root rot (*Cylindrocarpon destructans*) on Ginseng.

#### RESISTANCE MANAGEMENT DIRECTIONS

VERANDA™ Wettable Powder Fungicide contains a Group 19 fungicide. Fungal isolates with acquired resistance to Group 19 may eventually dominate the fungal population if Group 19 fungicides are used repeatedly in the same field or in successive years as the primary method of control for targeted species. This may result in partial or total loss of control of those species by VERANDA™ Wettable Powder Fungicide or other Group 19 Fungicides.

To delay fungicide resistance, consider:

- Avoiding the consecutive use of VERANDA™ Wettable Powder Fungicide or other target site of action Group 19 fungicides that have a similar target site of action, on the same pathogens.
- Using tank-mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern.
- Basing fungicide use on a comprehensive IPM program.
- Monitoring treated fungal populations for loss of field efficacy.
- Contacting your local extension specialist, certified crop advisors, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

#### MIXING AND APPLICATION

When tank mixing VERANDA™ Wettable Powder Fungicide with other products, observe all precautions and limitations on each separate product label. It is always advisable to conduct a spray compatibility test when you plan to mix this product with other products. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. 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. Use combinations on a small number of plants to check for phytotoxicity and disease control before treating large areas. Do not use the combination if adverse affects are observed. Do not apply this product through any type of irrigation system.

Mixing instructions for VERANDA™ Wettable Powder Fungicide:

- Fill spray tank to  $\frac{3}{4}$  of the intended final volume.

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- Start spray tank agitation.
- Add the appropriate amount of product to the tank (refer to Rate and Schedule section of label). Follow the directions above for mixing other products in the spray tank.
- Agitate to ensure thorough mixing while adding the remaining required water.
- DO NOT allow the spray mixture to stand without agitation.

Mix only the amount of spray solution needed to treat the desired area.

For optimum control of labeled diseases, apply VERANDA™ Wettable Powder Fungicide with sufficient water to provide a thorough coverage.

Irrigation or rainfall soon after treatment with VERANDA™ Wettable Powder Fungicide will decrease disease control. For best control, do not irrigate for 12 hours after treatment.

For best results, apply after mowing.

| <b>TURF GRASSES</b>  |   |  |
|--|---|--|
| <b>Disease</b>   | <b>Rate</b>   | <b>Application Notes</b>   |
| *Brown Patch<br>*Large Patch<br>(ALL STATES)   | 11 lbs (1 bag)/acre (0.275 lb active ingredient/acre) in a minimum of 44 gallons of water/acre        | <ul style="list-style-type: none"> <li>• Repeat treatment on a 7-14 day schedule where environmental conditions are conducive to development of diseases.</li> <li>• When symptoms are present, best control will be achieved by using absorber interval.</li> <li>• For best results apply after mowing.</li> </ul> |
| **Cool Weather Brown Patch (Yellow Patch) ( <i>Rhizoctonia cerealis</i> ),<br>**Foliar and Basal Anthracnose ( <i>Collectotrichum graminicola</i> ),<br>**Gray Snow Mold ( <i>Typhula ishikariensis</i> and <i>Typhula incarnate</i> ),<br>**Leaf Spot/Melting Out ( <i>Dreschlera poae</i> ),<br>**Pink Snow Mold ( <i>Microdochium solani</i> ), and<br>**Zoysia Patch ( <i>Rhizoctonia solani</i> ) on cool and warm season turf grasses.<br>(EXCEPT CALIFORNIA.) |   |  |
| ***Gray Leaf Spot ( <i>Pyricularia grisea</i> ).<br>EXCEPT CALIFORNIA.   |   |  |
| ****Fairy Ring (including <i>Marasmius</i> spp., <i>Lepiota</i> , spp. and <i>Agarius</i> spp.)<br>(ALL STATES)  | 4 ozs/1000 square feet in minimum of 2 gallons of water (0.275 lb ai/acre) (88 gallons of water/acre) | <ul style="list-style-type: none"> <li>• Make two-three applications on a 7-day interval schedule.</li> <li>• Use a penetrating wetting agent (such as</li> </ul>  |



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|  |  |   |
|--|--|---|
|  |  | primer or equivalent). Immediately following application, water in the treatment with sufficient irrigation (0.5-1") to wet the active root zone. |
| <p>Notes:</p> <ul style="list-style-type: none"> <li>* Control</li> <li>** Aids in control</li> <li>*** Aids in suppression</li> <li>**** Suppression and short term control.</li> </ul> |  |   |

| <b>GINSENG (EXCEPT CALIFORNIA)</b>  |  |   |
|---|--|---|
| Foliar Diseases   | Rate   | Application Notes   |
| <p>Botrytis blight (<i>Botrytis cinerea</i>)</p> <p>Alternaria blight (<i>Alternaria panax</i>)</p>   | <p>1.1 – 2.2 lb/100 gal/acre</p> <p>0.04 - 0.06 lb ai/100 gal/acre</p> | <ul style="list-style-type: none"> <li>• Apply as a foliar spray every 7 – 10 days.</li> <li>• Apply prior to disease development and when conditions are conducive for disease.</li> </ul> |
| Root and Crown Diseases   | Rate   | Application Notes   |
| Cylindrocarpon root rot ( <i>Cylindrocarpon destructans</i> )   | <p>2.2 lb/100 gal/acre</p> <p>0.06 lb ai/100 gal/acre</p>              | <ul style="list-style-type: none"> <li>• Apply as a drench every 14 days.</li> </ul>  |
| Rhizoctonia root and crown rot ( <i>Rhizoctonia solani</i> )  | <p>1.1 – 2.2 lb/100 gal/acre</p> <p>0.03 – 0.06 lb ai/100 gal/acre</p> | <ul style="list-style-type: none"> <li>• Apply as a drench every 14 – 28 days.</li> </ul>   |
| <p>Notes:</p> <ul style="list-style-type: none"> <li>• Do not use for food or feed purposes within 1 year of treatment.</li> <li>• Apply within 2 weeks following plant emergence and continue throughout the season.</li> <li>• Use in alternation with fungicides that have different modes of action.</li> </ul> |  |   |

| <b>ORNAMENTALS</b>                            |  |   |
|---|--|---|
| Foliar Diseases                               | Rate   | Application Notes   |
| Botrytis blight ( <i>Botrytis cinerea</i> )   | <p>1.1 – 2.2 lb/100 gal/acre</p> <p>0.03 – 0.06 lb ai/100 gal/acre</p> | <ul style="list-style-type: none"> <li>• Apply as a foliar spray every 7 – 10 days.</li> <li>• Apply prior to disease development and when conditions are conducive for disease.</li> </ul> |
| Alternaria blight ( <i>Alternaria panax</i> ) | <p>2.2 lb/100 gal</p> <p>0.06 lb ai/100 gal</p>                        |   |
| Root and Crown Diseases                       | Rate   | Application Notes   |

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|  |   |   |
|--|---|---|
| Rhizoctonia root and crown rot ( <i>Rhizoctonia solani</i> ) | 1.1 – 2.2 lb/100 gal/acre<br>0.03 – 0.06 lb ai/100 gal/acre | • Apply as a drench every 14 – 28 days. |
|--|---|---|

Notes:  
• Use in alternation with fungicides that have different modes of action.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.  
**PESTICIDE STORAGE:** Store in dry place away from food or feed.  
**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.  
**CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed, by State and local authorities, by burning. If burned, stay out of smoke.

**FOR 24-HOUR CHEMICAL EMERGENCY  
(Spill, Leak, Fire or Accident) ASSISTANCE:  
CALL CHEMTREC 1-800-424-9300**

**Warranty and Disclaimer Statement**

1. Arysta LifeScience North America Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label when used in accordance with the Directions for Use under normal conditions of use.
2. This warranty is void if the Buyer or User uses the product contrary to label Directions for Use. **ARYSTA LIFESCIENCE DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. TO THE EXTENT PERMITTED BY LAW, SELLER SHALL NOT BE LIABLE FOR CONSEQUENTIAL SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. TO THE EXTENT PERMITTED BY LAW, SELLER'S LIABILITY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. ARYSTA LIFESCIENCE DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
3. If the Buyer or User uses this product contrary to label Directions for Use, the Buyer or User assumes the risk resulting from such use.

VERANDA™ is a registered trademark of Arysta LifeScience North America Corporation.



November 15, 2005

Denise Greenway  
Biopesticide and Pollution Prevention Division  
Office of Pesticide Programs (7504C)  
U.S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202-4501

**RE: ENDORSE Wettable Powder Turf Fungicide (EPA Reg. No. 66330-41)**

Dear Ms. Greenway:

The present submission is a label notification for the product ENDORSE Wettable Powder Turf Fungicide, EPA Reg. No. 66330-41. The changes made are addition of the alternate brand name – VERANDA Wettable Powder Fungicide

Enclosed are the following documents:

- EPA Form 8570-1 for EPA Reg. No. 66330-41
- 1 copy of the redline label for EPA Reg. No. 66330-41
- 5 copies of the clean label for EPA Reg. No. 66330-41

Please send us a document response indicating receipt and acceptance of the submitted Notification action. If you have any questions in this matter please contact me at (415) 778-4876 or by e-mail at ([doina.bujor@arystalifescience.com](mailto:doina.bujor@arystalifescience.com)).

Sincerely,

Doina Bujor  
Project Manager  
Registrations and Regulatory Affairs  
Arysta LifeScience North America