

ENDORSE®

GROUP 19 FUNGICIDE

WETTABLE POWDER TURF FUNGICIDE

ACTIVE INGREDIENTS

Polyoxin D zinc salt (1:1)¹

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** 100.00%¹Equivalent to 2.2% polyoxorim and 0.3% metallic zinc

Keep Out Of Reach Of Children

CAUTION

SEE BELOW PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

FIRST AID

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

IF IN EYES:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a 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 told 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 respiration, preferable by mouth to mouth, if possible.
- Call a poison control center or doctor for further treatment advice.

HOT LINE NUMBER

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

For 24-Hour Emergency Medical Assistance
Call 1-800-228-5635, ext. 174

PRECAUTIONARY STATEMENTS

• HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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

• 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 cleaning equipment or disposing of equipments wash waters. Do not allow runoff into lakes, streams, ponds or public waterways.

DIRECTIONS FOR USE

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABELING.

GENERAL INFORMATION

Endorse® Wettable Powder Turf Fungicide is NOT for use on turf being grown (1) for sale or other commercial use as sod, (2) for commercial seed production, or (3) for research purposes.

Endorse® Wettable Powder Turf 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.

Endorse® Wettable Powder Turf Fungicide is a systemic, foliar applied turf fungicide for control of **Brown Patch** and **Large Patch** caused by *Rhizoctonia* spp. **Endorse® Wettable Powder Turf Fungicide** may also be used for 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.

Endorse® Wettable Powder Turf Fungicide also aids in the suppression of **Gray Leaf Spot** (*Pyricularia grisea*).

Apply **Endorse® Wettable Powder Turf Fungicide** as a preventative or curative treatment in conjunction with good turf management practices.



Distributed by:
Cleary Chemical Corp.
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732-329-8399 800-524-1662
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Net Weight: 11 lbs

RESISTANCE MANAGEMENT RECOMMENDATIONS

Endorse® Wetable Powder Turf 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 **Endorse® Wetable Powder Turf Fungicide** or other Group 19 fungicides.

To delay fungicide resistance, consider:

- Avoiding the consecutive use of **Endorse® Wetable Powder Turf Fungicide** or other target site of action Group 19 fungicides that have a similar target site of action, on the same pathogen.
- 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 of 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 advisor, and/or manufacturer for fungicide resistance management and/or IPM recommendations for specific crops and resistant pathogens.

MIXING AND APPLICATION

When diseases not specified on this label, such as Dollar Spot, are present or expected, it is appropriate to mix **Endorse® Wetable Powder Turf Fungicide** with appropriately labeled fungicides. When tank mixing **Endorse® Wetable Powder Turf Fungicide** with other products, observe all precautions and limitations on each separate product label. It is always advisable to conduct a tank 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, and 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. It is suggested that combinations be used on a small number of plants before treating large areas.

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

Mixing instructions for **Endorse® Wetable Powder Turf Fungicide**:

- ✓ Fill spray tank to 3/4 of the intended final volume.
- ✓ 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 **Endorse® Wetable Powder Turf Fungicide** with sufficient water to provide a thorough coverage.

Irrigation or rainfall soon after treatment with **Endorse® Wetable Powder Turf Fungicide** may decrease disease control.

For best control, do not irrigate for 12 hours after treatment. For best results, apply after mowing.

RATE AND SCHEDULE

Apply 11 lbs (1 bag) of **Endorse® Wetable Powder Turf Fungicide** per acre (0.275 lbs active ingredient/acre) in a minimum of 44 gallons of water per acre. Repeat treatment on a 7-14 day schedule as necessary when environmental conditions are conducive to development of disease. The shorter interval should be used when disease symptoms are present. When disease symptoms are present, best control will be achieved by using a shorter interval.

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 outer 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 (800) 424-9300

CONDITIONS OF SALE

1. Arvesta 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 does not extend to the use of this product contrary to label instructions, or under abnormal use conditions, or under conditions not reasonably foreseeable to Arvesta. **ARVESTA DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. 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. ARVESTA DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.**
3. Critical and unforeseeable factors beyond Arvesta's control prevent Arvesta from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which the product is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the use stated on the label and even though label directions are followed. Except as stated in 1 above, Buyer and User acknowledge and assume all risks and liabilities resulting from handling, storage, and use of this product.

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