

100-1323

01-26-2012

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION

Fred Pearson  
Regulatory Team Leader  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, NC 27419-8300

JAN 26 2012

Subject: Heritage® G  
EPA Reg. No. 100-1323  
EPA Decision Number: 454995  
Your label amendment submitted on September 9, 2011 and January 20, 2012 that includes minor reformatting, and clarifications to the product use directions

Dear Mr. Pearson:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable.

One copy of the label stamped "Accepted" is enclosed for your records. This label supersedes all labels previously accepted for this product. Please submit one copy of the final printed label before the product is released for shipment. If you have any questions, please contact Heather Garvie by phone at: 703-308-0034 or via email at: [garvie.heather@epa.gov](mailto:garvie.heather@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Shaja Joyner".

Shaja Joyner  
Product Manager 20  
Fungicide Branch  
Registration Division

Enclosure: Stamped label "Accepted"

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GROUP 11 FUNGICIDE

**Heritage® G**

Fungicide

Broad spectrum fungicide for control of turf diseases in lawns around residential, institutional, public, commercial and industrial buildings; turf areas of parks, recreational areas and athletic fields; and golf course turf.

*Active Ingredient:*

Azoxystrobin: methyl(E)-2-{2-[6-(2-cyanophenoxy)pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate\* ..... 0.31%

*Other Ingredients:* ..... 99.69%

Total: ..... 100.00%

Contains 0.0031 lb. a.i./lb. product

\*IUPAC

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1323

EPA Est. 9198-AL-1

SCP 1323A-L1A 1108

30 pounds  
Net Weight

ACCEPTED  
JAN 26 2012  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg No. 100-1323

| <b>FIRST AID</b>   |  |
|--|--|
| <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 to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |
| <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 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 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>  |
| <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>  |  |
| <p><b>HOT LINE NUMBER</b><br/>           For 24-Hour Medical Emergency Assistance (Human or Animal) or<br/>           Chemical Emergency Assistance (Spill, Leak, Fire, or Accident),<br/>           Call<br/> <b>1-800-888-8372</b></p> |  |

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**PRECAUTIONARY STATEMENTS**

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**Hazards to Humans and Domestic Animals**

**CAUTION**

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

## Personal Protective Equipment (PPE)

Some materials that are chemically resistant to this product are listed below. If you want more options follow the instructions for Category A on an EPA chemical resistance category selection chart.

### Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material such as polyvinyl chloride, nitrile rubber or butyl rubber
- Shoes plus socks

### User Safety Requirements

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

### User Safety Recommendations

#### Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.

## ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240 (d)(4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

## Environmental Hazards

The active ingredient, azoxystrobin, in this product can be persistent for several months or longer. Azoxystrobin has degradation products which have properties similar to

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chemicals which are known to leach through soil to ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

This pesticide is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Notify state and/or federal authorities and Syngenta immediately if you observe any adverse environmental effects due to use of this product.

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**CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

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**NOTICE:** Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and (2) Buyer and User assume the risk of any such use. To the extent permitted by applicable law, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

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## DIRECTIONS FOR USE

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

FAILURE TO FOLLOW THE USE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN PLANT INJURY OR POOR DISEASE CONTROL.

Do not apply this product in a 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 agency responsible for pesticide regulation.

### NON-AGRICULTURAL USES

For use to control turf diseases in lawns around residential, institutional, public, commercial and industrial buildings; turf areas of parks, recreational areas and athletic fields; and golf course turf.

### NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. The area being treated must be vacated by unprotected persons.

Do not treat areas while unprotected humans or domestic animals are present in the treatment areas. Because certain states may require more restrictive reentry intervals, consult your State Department of Agriculture for further information.

Do not allow entry into treatment area until area that was treated with Heritage G is dry.

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### PRODUCT INFORMATION

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Heritage G is a broad-spectrum, preventative fungicide with systemic and curative properties recommended for the control of many important turf diseases. All applications should be made according to the use directions that follow.

See "HOMEOWNER DIRECTIONS FOR APPLICATION TO HOME LAWNS".

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## PRODUCT PRECAUTIONS AND RESTRICTIONS

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- Do not graze or feed clippings from treated turf areas to animals.
- Do not apply more than 1,613 lb. product/acre/year (37 lb. product/1000 square feet/year).
- Applications may be made with ground application equipment only.
- Do not apply when weather conditions favor product blowing from treated areas to non-target aquatic habitat.
- Azoxystrobin, the active ingredient in Heritage G, is extremely phytotoxic to certain apple varieties. Even trace amounts can cause unacceptable phytotoxicity. Therefore, do not use any application equipment that has been used to apply Heritage G (or any other product containing azoxystrobin) to turf to make applications to or near apple trees. Do not spread Heritage G where granules may reach apple trees.

### Integrated Pest (Disease) Management (IPM)

Sound turf management resulting in healthy, vigorous turf is the foundation of a good IPM program.

Heritage G should be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required.

Cultural practices such as proper choice of turf variety, nutrient management, proper cutting height, thatch management, and proper watering, drainage, and moisture stress management should be integrated with the use of fungicides to increase turf vigor and reduce the susceptibility to disease. Immunoassay detection kits and extension service diagnostic services can assist in the early and accurate identification of causal organisms and corresponding selection of the proper fungicide when required.

Consult your local agricultural, turf authorities for additional IPM strategies established for your area. Heritage G may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

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## RESISTANCE MANAGEMENT

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### GROUP 11 FUNGICIDE

Heritage G (azoxystrobin) is a Group 11 fungicide. The mode of action for Heritage G is the inhibition of the Qo (quinone outside) site within the electron transport system as well as disruption of membrane synthesis by blocking demethylation [Group 11]. Fungal pathogens can develop resistance to products with the same mode of action when used



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repeatedly.

Heritage G should be applied in an alternation program with other registered fungicides that have a different mode of action and to which pathogen resistance has not developed.

Do not apply more than two sequential Heritage G applications for *Pythium* spp. control. For all other diseases when *Pythium* spp. is not present, do not apply more than four sequential applications of Heritage G.

Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the turf and use area. Consult your local or State agricultural authorities for resistance management strategies that are complementary to those in this label. Resistance management strategies may include alternating with products having different modes of action or limiting the total number of applications per season. Syngenta encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label.

Follow the turf specific resistance management recommendations in the directions for use.

If no resistance recommendation on the number of applications is specified in the directions for use, follow the recommendations in the table below.

| <b>If planned total number of fungicide applications per crop is:</b> | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|----|----|----|
| <b>Recommended Solo QoI fungicide applications</b>                    | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3  | 3  | 4  |
| <b>Recommended QoI fungicide applications in mixture (formulated)</b> | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 4 | 5  | 5  | 6  |

In situations requiring multiple applications, develop season-long programs for Group 11 (QoI) fungicides. In crops where two sequential Group 11 fungicide applications are made, they should be alternated with two or more applications of a fungicide that is not in Group 11. If more than 12 applications are made, observe the following guidelines:

- When using a QoI fungicide as a solo product, the number of applications should be no more than  $\frac{1}{3}$  (33%) of the total number of fungicide applications per season.
- For QoI mixes in programs in which tank mixes or premixes of QoI with mixing partners of a different mode of action are utilized, the number of QoI containing applications should be no more than  $\frac{1}{2}$  (50%) of the total number of fungicide applications per season.
- In programs in which applications of QoI are made with both solo products and

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mixtures, the number of Qol containing applications should be no more than ½ (50%) of the total number of fungicides applied per season.

If a Group 11 fungicide is applied to the seed or soil, do not make another application with a Group 11 fungicide for at least 3 weeks.

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### **APPLICATION INSTRUCTIONS – PROFESIONAL AND COMMERCIAL APPLICATORS**

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For use to control turf diseases in lawns around residential, institutional, public, commercial and industrial buildings; turf areas of parks, recreational areas and athletic fields; and golf course turf.

Apply Heritage G at rates and timings as described in this label.

Heritage G may be applied with all types of spreader equipment commonly used for making ground applications. Proper adjustments and calibration of application equipment to give good coverage is essential for good disease control.

The higher rates in the rate range and/or shorter application intervals may be required under conditions of heavy infection pressure, highly susceptible varieties, or when environmental conditions conducive to disease exist.

**Heritage G should be applied prior to disease development.**

- **Do not apply more than 1,613 lb. product/acre/year (37 lb. product/1000 square feet/year).**

Applications may be made with ground application equipment only.

Heritage G is recommended for control of anthracnose, brown patch, brown ring patch, cool weather brown patch (yellow patch), fairy ring, gray leaf spot, gray snow mold (Typhula blight), leaf rust, leaf spot, melting out, Microdochium patch, necrotic ring spot, pink patch, pink snow mold, powdery mildew, Pythium blight, Pythium root rot, red thread, Rhizoctonia large patch, Rhizoctonia leaf and sheath blight, southern blight, stem rust, stripe rust, summer patch, take-all patch, and Zoysia patch.

**For use in the establishment of turfgrass from seed or in overseeding of dormant turfgrass:**

Heritage G may be used for control of certain turfgrass diseases associated with turfgrass establishment from seed. Heritage G may also be used during overseeding of dormant turfgrass.

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Heritage G may be safely applied before or after seeding or at seedling germination and emergence to ryegrass, bentgrass, bluegrass, and fescue turfgrass types. Optimum application timing is during seeding. See Application Instructions section.

**Rate Ranges:** Use the shorter specified application interval and/or use the higher specified rate when prolonged favorable disease conditions exist.

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**DIRECTIONS FOR APPLICATION FOR TURF DISEASES**

| Target Diseases  | Use Rate<br>(lb. product<br>per 1000 sq.<br>ft.) | Applica-<br>tion<br>Interval<br>(days) | Remarks*   |
|--|--|--|--|
| Anthracnose<br>( <i>Colletotrichum cereale</i> )   | 2-4  | 14-28                                  | Use preventively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development. Under high disease pressure, use higher rates of Heritage and shorter intervals. Alternate with a contact fungicide such as Daconil®.  |
| Brown Patch<br>( <i>Rhizoctonia solani</i> )   | 2-4  | 14-28                                  | Apply when conditions are favorable for disease development.   |
| Cool Weather Brown Patch<br>Yellow Patch<br>( <i>Rhizoctonia cerealis</i> )                            | 2-4  | 14-28                                  | Make one or two applications in fall or when conditions are favorable for disease development.   |
| Fairy Ring<br>( <i>Lycoperdon</i> spp.,<br><i>Agrocybe pediades</i> , and<br><i>Bovistra plumbea</i> ) | 2-4  | 14-28                                  | Apply as soon as possible after fairy ring symptoms develop. Irrigate with at least 0.5 inches water within 24 hours after application if rainfall is not expected. Severely damaged or thin turf may require reseeding. Fairy ring symptoms may take 2 to 3 weeks to disappear following application. Reapplication after 14-28 days may be required in some cases. |
| Microdochium Patch<br>(formerly known as Fusarium<br>Patch)<br>( <i>Microdochium nivale</i> )          | 2-4  | 14-28                                  | Use preventatively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development.  |
| Gray Leaf Spot<br>( <i>Pyricularia grisea</i> )  | 2-4  | 14-28                                  | Begin applications before disease is present and continue applications while conditions are favorable for disease development.   |
| Gray Snow Mold<br>Typhula blight<br>( <i>Typhula incarnata</i> )                                       | 7  | single<br>applica-<br>tion             | Make a single application of 7 lbs. or two applications of 4 lbs. spaced 10-28 days apart in late fall just before snow cover. Alternating with another snow mold fungicide, such as Daconil, Medallion®, or Banner MAXX® may enhance control under severe disease pressure.   |
|  | 4  | 10-28                                  |  |
| Leaf Rust<br>Stem Rust<br>Stripe Rust<br>( <i>Puccinia</i> spp.)                                       | 2-4  | 14-28                                  | Begin applications when conditions are favorable for disease infection, prior to disease symptom development.  |
| Leaf spot<br>( <i>Bipolaris sorokiniana</i> )  | 2-4  | 14-21                                  | Apply when conditions are favorable for disease development.   |
| Melting Out<br>( <i>Drechslera poae</i> )  | 2-4  | 14-21                                  | Apply when conditions are favorable for disease development  |
| Necrotic Ring Spot<br>( <i>Leptosphaeria korrae</i> )  | 2-4  | 14-28                                  | Apply when conditions are favorable for disease development.   |

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| Target Diseases   | Use Rate (lb. product per 1000 sq. ft.) | Application Interval (days) | Remarks*   |
|---|---|-----------------------------|--|
| Pink Patch<br>( <i>Limonomyses roseipellis</i> )  | 2-4                                     | 14-28                       | Apply when conditions are favorable for disease development.   |
| Pink Snow Mold<br>( <i>Microdochium nivale</i> )  | 7                                       | single application          | Make a single application of 7 lbs. or two applications of 4 lbs. spaced 10-28 days apart in late fall just before snow cover.   |
|   | 4                                       | 10-28                       |  |
| Powdery Mildew<br>( <i>Erysiphe graminis</i> )  | 2-4                                     | 14-28                       | Begin applications when conditions are favorable for disease infection, prior to disease symptom development.  |
| Pythium Blight<br>Pythium Root Rot<br>( <i>Pythium aphanidermatum</i> ,<br><i>Pythium</i> spp.)                     | 2-4                                     | 10-14                       | Use preventatively. Begin applications before disease is present. During periods of prolonged favorable conditions, treat on the 10 day application interval. For use on newly seeded as well as established turf. |
| Red Thread<br>( <i>Laetisaria fuciformis</i> )  | 2-4                                     | 14-28                       | Apply when conditions are favorable for disease development.   |
| Rhizoctonia Large Patch<br>( <i>Rhizoctonia solani</i> )  | 2-4                                     | 14-28                       | Make one or two applications in fall or when conditions are favorable for disease development.   |
| Southern Blight<br>( <i>Sclerotium rolfsii</i> )  | 2-4                                     | 14-28                       | Apply when conditions are favorable for disease development.   |
| Summer Patch<br>( <i>Magnaporthe poae</i> )   | 2-4                                     | 14-28                       | Apply when conditions are favorable for disease development.   |
| Take-all patch<br>( <i>Gaeumannomyces graminis</i> var. <i>avenae</i> )   | 2-4                                     | 28                          | Begin applications when conditions are favorable for disease infection, prior to disease symptom development. Make two applications 28 days apart in the spring and two applications 28 days apart in the fall.    |
| Rhizoctonia Large Patch<br>Zoysia Patch<br>( <i>Rhizoctonia solani</i> and/or<br><i>Gaeumannomyces incrustana</i> ) | 2-4                                     | 14-28                       | Apply 1 or 2 applications when conditions are favorable for disease development. Reapply 14 to 28 days later.  |
| Brown ring patch<br>( <i>Rhizoctonia circinata</i> var. <i>circinata</i> )  | 2-4                                     | 14-28                       | Apply when conditions are favorable for disease development.   |
| Rhizoctonia leaf and sheath blight<br>( <i>Rhizoctonia zeae</i> )   | 2-4                                     | 14-28                       | Apply when conditions are favorable for infection such as sequential days with temperatures at or above 90°F. Curative control may require several applications. Irrigate lightly after application to activate    |

\*Do not apply more than two sequential applications of Heritage G for control of *Pythium* spp. For all other diseases when *Pythium* spp. is not present, do not apply more than three sequential applications of Heritage G.

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**Heritage G Rate Conversion Chart for Turf**

| Pounds Product Per 1000 Sq. Ft. | Pounds A.I. Per 1000 Sq. Ft. | Pounds Product Per Acre | Pounds A.I. Per Acre |
|---------------------------------|------------------------------|-------------------------|----------------------|
| 2                               | 0.0062                       | 87                      | 0.27                 |
| 3                               | 0.0093                       | 131                     | 0.40                 |
| 4                               | 0.0124                       | 174                     | 0.54                 |
| 7                               | 0.0217                       | 305                     | 0.95                 |

**STORAGE AND DISPOSAL**

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

**Pesticide Storage**

Store in a cool, dry place. Do not store near seeds, fertilizers, or foodstuffs.

**Pesticide Disposal**

Pesticide wastes are toxic. Improper disposal of excess pesticides, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

**Container Handling**

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or 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.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER!**

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## HOMEOWNER DIRECTIONS FOR APPLICATION TO HOME LAWNS

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

- Read entire label before using this product.
- People and pets may re-enter the treated area after application.
- **Do not** apply more than 37 lbs. of Heritage G per 1,000 sq. ft. in a single year.

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### USE TIPS

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- Use Heritage G on home lawns to prevent disease before it appears or to control disease at the first sign of disease.
- For best results, begin applications prior to disease symptoms, when conditions are favorable for disease.
- Consult your local Cooperative Extension Service office or your state's land grant university for assistance with lawn disease identification and specific fungicide timing in your area to control lawn diseases.
- When used as directed, this product is safe to the lawn and controls the diseases listed.

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### How to Apply

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- Measure the length and width of area to be treated before application. Length X width = square feet. For example, an area 20 ft. wide and 25 ft. long is 500 sq. ft. [Insert optional graphic]
- Refer to the *Homeowner Directions for Applications for Lawn Diseases* table for the rate to apply to control your lawn disease problem. Add the appropriate amount of Heritage G your granular spreader to cover your square footage of lawn. Refer to *Granular Spreader Settings* table for spreader settings to deliver the rate required.
- Uniform coverage is necessary to provide the most effective level of control.
- Heritage G can be applied after seeding or at seed germination.
- Use the shorter re-treatment intervals and higher application rates when prolonged favorable disease conditions exist.

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### HOMEOWNER DIRECTIONS FOR APPLICATION FOR LAWN DISEASES

| Disease   | How Much to Apply (lb. per 1,000 sq. ft.) | Application Interval (days) | Comments   |
|---|---|-----------------------------|--|
| Brown Patch   | 2 - 4                                     | 14 - 28                     | Apply when conditions are favorable for disease.   |
| Anthracnose<br>Fusarium Patch<br>Gray Leafspot<br>Leaf Rust<br>Powdery Mildew<br>Stem Rust<br>Stripe Rust | 2 - 4                                     | 14 - 28                     | Begin applications when conditions are favorable for disease infection, prior to disease symptoms.   |
| Necrotic Ring Spot<br>Pink Patch<br>Red Thread<br>Southern Blight<br>Summer Patch                         | 2 - 4                                     | 14 - 28                     | Apply when conditions are favorable for disease.   |
| Leafspot<br>Melting Out   | 2 - 4                                     | 14 - 21                     | Apply when conditions are favorable for disease.   |
| Cool Weather Brown Patch<br>Yellow Patch<br>Rhizoctonia Large Patch                                       | 2 - 4                                     | 14 - 28                     | Make one or two applications in fall or when conditions are favorable for disease.   |
| Fairy Ring  | 4   | 28                          | Apply as soon as possible after fairy ring symptoms develop. Severely damaged or thin turf may require reseeded. Fairy ring symptoms may take 2 to 3 weeks to disappear following application. Re-application after 28 days may be required in some cases. |
| Gray Snow Mold<br>Pink Snow Mold<br>Typhula Blight  | 7<br>4                                    | -<br>10 - 28                | Make a single application in late fall.<br>or<br>Apply twice in the fall prior to snow cover.  |
| Pythium Blight<br>Pythium Root Rot  | 2 - 4                                     | 10 - 14                     | Begin applications when conditions are favorable for disease infection, prior to disease symptoms.   |
| Spring Dead Spot  | 2 - 4                                     | 14 - 28                     | Make 1 or 2 applications, with the last application falling approximately one month prior to bermudagrass dormancy. Irrigate with 1/4" to 1/2" of water after application.   |
| Take-All Patch  | 2 - 4                                     | 28                          | Apply twice in the fall (typically September and October) and twice in the spring (typically April and May).<br><br>Treat southern lawns (warm season grasses such as bermudagrass and St. Augustinegrass) twice in the summer (June - August) as well.    |
| Zoysia Patch  | 2 - 4                                     | 14 - 28                     | Make 1 to 2 applications, with the last application falling approximately one month prior to zoysiagrass dormancy.   |



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[Spreader models and settings available at the time of final printed labeling.]

**Granular Spreader Settings**

| Make and Models | Setting <sup>1, 2</sup>     |                             |                                |                                |
|-----------------|-----------------------------|-----------------------------|--------------------------------|--------------------------------|
|                 | 2 lbs. per<br>1,000 sq. ft. | 3 lbs. per<br>1,000 sq. ft. | 4 lbs. per<br>1,000 sq.<br>ft. | 7 lbs. per<br>1,000 sq.<br>ft. |
| Spreader A      | X                           | X                           | X                              | X                              |
| Spreader B      | X                           | X                           | X                              | X                              |
| Spreader C      | X                           | X                           | X                              | X                              |
| Spreader D      | X                           | X                           | X                              | X                              |
| Spreader E      | X                           | X                           | X                              | X                              |
| Spreader F      | X                           | X                           | X                              | X                              |
| Spreader G      | X                           | X                           | X                              | X                              |
| etc.            | X                           | X                           | X                              | X                              |

<sup>1</sup>Assume 3 mph walking speed.

<sup>2</sup>It is recommended that you calibrate your spreader before application since manufacturer's settings can vary among the same model of spreader.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage**


Store in a cool, dry place. Do not store near seeds, fertilizers, or foodstuffs.

**Pesticide Disposal and Container Handling** Nonrefillable container. Do not reuse or refill this container.

**If empty:** Place in trash or offer for recycling if available.

**If partly filled:** Call your local solid waste agency or 1-800-888-8372 for disposal instructions. Never place unused product down any indoor or outdoor drain.

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For non-emergency (e.g., current product information), call  
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:  
Syngenta Crop Protection, LLC  
P.O. Box 18300  
Greensboro, North Carolina 27419-8300

SCP 1323A-L1A 1108

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[NON-DETACHABLE CONTAINER LABEL]

GROUP 11 FUNGICIDE

**Heritage® G**

Fungicide

Broad spectrum fungicide for control of turf diseases in lawns around residential, institutional, public, commercial and industrial buildings; turf areas of parks, recreational areas and athletic fields; and golf course turf.

Active Ingredient:

Azoxystrobin: methyl(E)-2-{2-[6-(2-cyanophenoxy)  
pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate\* ..... 0.31%

Other Ingredients: ..... 99.69%

Total: ..... 100.00%

Contains 0.0031 lb. a.i./lb. product

\*IUPAC

EPA Reg. No. 100-1323

EPA Est. 9198-AL-1

**KEEP OUT OF REACH OF CHILDREN.**

**CAUTION**

See additional precautionary statements and directions for use inside booklet.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the Directions for Use section for information about this standard.

SCP 1323A-L1A 1108

30 pounds  
Net Weight

20  
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**PRECAUTIONARY STATEMENTS**

**Hazards to Humans and Domestic Animals**

**CAUTION**

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

| <b>FIRST AID</b>   |  |
|--|--|
| <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 to do so by the poison control center or doctor.</li> <li>• Do not give anything by mouth to an unconscious person.</li> </ul> |
| <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 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 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>  |
| <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment.</p>  |  |
| <p><b>HOT LINE NUMBER</b><br/>           For 24-Hour Medical Emergency Assistance (Human or Animal) or<br/>           Chemical Emergency Assistance (Spill, Leak, Fire, or Accident),<br/>           Call<br/> <b>1-800-888-8372</b></p> |  |

## Environmental Hazards

The active ingredient, azoxystrobin, in this product can be persistent for several months or longer. Azoxystrobin has degradation products which have properties similar to chemicals which are known to leach through soil to ground water under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in ground water contamination.

This pesticide is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

Notify state and/or federal authorities and Syngenta immediately if you observe any adverse environmental effects due to use of this product.

## STORAGE AND DISPOSAL

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

**Pesticide Storage:** Store in a cool, dry place. Do not store near seeds, fertilizers, or foodstuffs.

**Pesticide Disposal:** Pesticide wastes are toxic. Improper disposal of excess pesticides, spray mixture, or rinsate is a violation of Federal law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or 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.

**CONTAINER IS NOT SAFE FOR FOOD, FEED, OR DRINKING WATER.**

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