



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

March 22, 2024

Monique Inforzato  
Regulatory Manager  
Syngenta Crop Protection, LLC  
P. O. Box 18300  
Greensboro, NC 27419

Subject: Approval of Label Amendment; Only Indicated Changes Reviewed – Correcting amounts and clarifying use patterns.  
Product Name: Posterity Elite  
EPA Registration Number: 100-1717  
Application Date: 07/11/2023  
Case Number: 491098

Dear Monique Inforzato:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable. However, EPA reviewed only the label changes highlighted, marked, or otherwise indicated on the submitted label. Any other changes to the previously approved label that were not clearly highlighted, marked, or otherwise indicated in your submission were not reviewed and may form the basis of regulatory and/or enforcement action if later discovered by the Agency. Further, submission of a label amendment application with unidentified changes may be considered a knowing submission of false information to the Agency. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

The label submitted with the application has been stamped "Accepted Only Indicated Revisions Reviewed" and is enclosed for your records.

This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 C.F.R. § 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 C.F.R. § 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website contains any false or misleading statement, design, or graphic, the product may be misbranded and unlawful to sell or distribute under FIFRA Sections 2(q)(1)(A) and 12(a)(1)(E). 40 C.F.R. § 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on the product label, claims made as part of the product's sale or distribution may not substantially differ from those claims approved through the registration process under FIFRA Section 12(a)(1)(B). Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the product will be referred to the EPA's Office of Enforcement and Compliance Assurance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact James Orrock by phone at 202-566-2862 or by email at [orrock.james@epa.gov](mailto:orrock.james@epa.gov).

Sincerely,

A handwritten signature in black ink, appearing to read 'Kable Bo Davis', enclosed within a hand-drawn oval.

Kable Bo Davis  
Senior Regulatory Specialist  
Office of Pesticide Programs  
Registration Division, Immediate Office

Enclosure

[Master]

<b>DIFENOCONAZOLE</b>	<b>GROUP</b>	<b>3</b>	<b>FUNGICIDE</b>
<b>PYDIFLUMETOFEN</b>	<b>GROUP</b>	<b>7</b>	<b>FUNGICIDE</b>
<b>AZOXYSTROBIN</b>	<b>GROUP</b>	<b>11</b>	<b>FUNGICIDE</b>

**Posterity® Elite**

Fungicide

ADEPIDYN™ technology\*

For control of turf diseases on golf courses

**Active Ingredients:**

Azoxystrobin* .....	11.2%
Difenoconazole** .....	11.2%
Pydiflumetofen*** .....	6.8%

Other Ingredients:	703.8%
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<b>Total:</b>	<b>100.0%</b>
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\*ADEPIDYN™ technology denotes the Syngenta trademark for the active ingredient pydiflumetofen

\*CAS No. 131860-33-8

\*\*CAS No. 119446-68-3

\*\*\*CAS No. 1228284-64-7

Posterity® Elite is a suspension concentrate (SC) formulation that contains 1.04 lb azoxystrobin, 1.04 lb difenoconazole, and 0.63 lb pydiflumetofen per gallon of product.

**KEEP OUT OF REACH OF CHILDREN.****CAUTION**

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-XXXX

EPA Est.

Net Contents

[Batch Code: \_\_\_\_\_ ] (For nonrefillables only.)

**ACCEPTED**

ONLY INDICATED

REVISIONS REVIEWED

03/22/2024

Under the Federal Insecticide, Fungicide and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No.

100-1717

No label revisions other than those indicated were reported to the Agency.

## 1.0 FIRST AID

<b>FIRST AID</b>	
<b>If swallowed</b>	<ul style="list-style-type: none"><li>• Call a 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 by a 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>
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<b>HOTLINE NUMBER</b> For 24-Hour Medical Emergency Assistance (Human or Animal) Or Chemical Emergency Assistance (Spill, Leak, Fire or Accident) Call <b>1-800-888-8372</b>	

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## PRECAUTIONARY STATEMENTS

### 2.0 PRECAUTIONARY STATEMENTS

#### 2.1 Hazards to Humans and Domestic Animals

##### CAUTION

Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse. Wear long-sleeved shirt and long pants, shoes plus socks and appropriate chemical and/or water-resistant gloves. Human flagging is prohibited.

#### 2.2 Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Shoes plus socks
- Chemical-resistant gloves made of barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mil, natural rubber ≥14 mils, polyethylene, polyvinyl chloride (PVC) ≥14 mils, or Viton™ ≥14 mils)

#### 2.3 User Safety Requirements

Follow 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.

#### 2.4 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. Human flagging is prohibited.

## 2.5 User Safety Recommendations

### User Safety Recommendations

#### Users should:

- Wash hands thoroughly with soap and water before eating, drinking, chewing gum, using tobacco, or using the toilet.
- 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.

## 2.6 Environmental Hazards

Azoxystrobin is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Azoxystrobin can be persistent for several months or longer. Difenoconazole is toxic to fish, mammals and aquatic invertebrates. Pydiflumetofen is toxic to fish, aquatic invertebrates, oysters, and shrimp. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

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 washwater or rinsate.

### 2.6.1 Groundwater Advisory

Azoxystrobin and a degradate of azoxystrobin are known to leach through soil to ground water under certain conditions as a result of label use. Pydiflumetofen has properties and characteristics associated with chemicals detected in ground-water. These chemicals may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

### 2.6.2 Surface Water Advisory

This product may impact surface water quality due to runoff of rain water. This is especially true for poorly draining soils and soils with shallow ground water. This product is classified as having a medium potential for reaching surface water and a high potential for reaching aquatic sediment via runoff several months or more after application.

A level, well-maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential loading of pydiflumetofen, azoxystrobin and a degradate of azoxystrobin from runoff water and sediment. Runoff of this product will be reduced by avoiding applications when rainfall is expected to occur within 48 hours. Sound erosion control practices will reduce this product's potential to reach aquatic sediment via runoff.

## DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or 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.

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

### **FAILURE TO FOLLOW THE USE DIRECTIONS, RESTRICTIONS, AND PRECAUTIONS ON THIS LABEL MAY RESULT IN TURF INJURY OR POOR DISEASE CONTROL**

#### **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. Keep children and pets out of the treated area until sprays have dried.

## 3.0 PRODUCT INFORMATION

Read all label directions before use. All applications must be made according to the use directions that follow.

Posterity Elite is formulated as a suspension concentrate (SC) and a broad-spectrum fungicide containing three active ingredients: azoxystrobin, difenoconazole, and pydiflumetofen. It has preventative, systemic and curative properties for use to control many important turf diseases. Posterity Elite may be applied in block, alternating spray or tank-mix programs with other plant protection products. All applications must be made according to the use directions that follow.

Posterity Elite is a member of Syngenta's Plant Performance™ product line and may also improve the turf vigor and quality. These additional benefits are due to the positive effects on plant physiology. The effects may vary according to factors such as the turf species and variety and environment.



### 3.1 Resistance Management

DIFENOCONAZOLE	GROUP	3	FUNGICIDE
PYDIFLUMETOFEN	GROUP	7	FUNGICIDE
AZOXYSTROBIN	GROUP	11	FUNGICIDE

For resistance management, please note that Posterity Elite contains a Group 3 (difenoconazole), Group 7 (pydiflumetofen) and a Group 11 (azoxystrobin) fungicide. Any fungal population may contain individuals naturally resistant to Posterity Elite and other Group 3, Group 7 or Group 11 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same areas. Appropriate resistance management strategies should be followed.

To delay the development of fungicide resistance, take one or more of the following steps:

- Rotate the use of Posterity Elite or other Group 3, Group 7, or Group 11 fungicides within a growing season sequence with different groups that control the same pathogens.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and which considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor performance of Posterity Elite applications. If results suggest that performance is less than expected, switch to a fungicide with a different mode of action.
- Contact your local Syngenta Representative, retailer, or extension specialist for any additional pesticide resistance-management and/or IPM recommendations for specific plants and pathogens.
- For further information or to report suspected resistance contact Syngenta at 1-866-Syngent(a) (866-796-4368). You can also contact your pesticide distributor or university extension specialist to report resistance.

As part of a resistance management strategy:

- Apply no more than 3 sequential applications to turfgrass. When applying for control of Gray Leaf Spot and Pythium diseases, do not apply more than 2 sequential applications. ~~no more than 2 sequential applications unless otherwise stated in the directions for use.~~
- When tank mixing or alternating, use an effective partner – one that provides satisfactory disease control when used alone at the mixture rate.
- Apply early in the season to minimize fungal pressure from listed diseases.

### 3.2 Integrated Pest Management (IPM)

Posterity Elite should be integrated into an overall disease management strategy that includes selection of plant varieties with disease tolerance, optimum plant populations, proper fertilization, and management and proper timing and placement of irrigation. Immunoassay

detection kits and diagnostic services can assist in the early and accurate identification of causal organisms and corresponding selection of the proper fungicide when required.

## 4.0 APPLICATION DIRECTIONS

### 4.1 Methods of Application

Posterity Elite may be applied with all types of spray equipment commonly used for making ground applications. Proper adjustments and calibration of foliar spraying equipment to give good coverage is essential for optimum disease control.

Spray equipment to make foliar applications of Posterity Elite include, but are not limited to:

- Hydraulic Boom Sprayer
- Mechanically Pressurized Handgun
- Backpack

### 4.2 Application Equipment

#### 4.2.1 Nozzles

- Equip sprayers with nozzles that provide accurate and uniform application.
- Nozzles should be the same size and uniformly spaced across the boom.
- Calibrate sprayer before use.
- It is suggested that screens be used to protect the pump and to prevent nozzles from clogging.
- Screens placed on suction side of pump should be *16-mesh or coarser*.
- Do not place a screen in the recirculation line.
- Check nozzle manufacturer's recommendations.

#### 4.2.2 Pump

- Use a pump with capacity to:
  1. Maintain the recommended psi for the nozzles being used to apply the spray mixture.
  2. Provide sufficient agitation in tank to keep mixture in suspension - this requires recirculation of 10% of tank volume per minute.
- Use a jet agitator or liquid sparge tube for agitation.
- Do not air sparge.
- Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles.

For more information on spray equipment and calibration, consult sprayer manufacturers and state recommendations.

### 4.3 Application Volume and Spray Coverage

Posterity Elite must be diluted with water before application. Apply in a volume of water that provides good coverage of the turf foliage but does not result in run-off or leaching.

## 4.4 Mixing Directions

### 4.4.1 Posterity Elite Alone

1. Add  $\frac{1}{2}$ - $\frac{2}{3}$  of the required amount of water to the spray or mixing tank.
2. With the agitator running, add Posterity Elite to the tank.
3. Continue agitation while adding the remainder of the water
4. Begin application of the spray solution after Posterity Elite has completely dispersed into the mix water.
5. Maintain agitation until all of the mixture has been sprayed.

### 4.4.2 Tank-Mix Precautions

Posterity Elite is compatible with many commonly used fungicides, liquid fertilizers, herbicides, insecticides, and biological control products. It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

### 4.4.3 Tank-Mix Compatibility

The physical compatibility of Posterity Elite will vary with different sources of pesticide products and local cultural practices. To ensure the physical compatibility of the mixture, prepare a mix on a small scale (such as a pint or quart jar) using the proper proportions of pesticides and water.

### 4.4.4 Posterity Elite in Tank Mixtures

Always shake each product container well before use. Add different formulation types in the sequence indicated below. Allow time for complete mixing and dispersion after the addition of each product.

1. Water-soluble bags
2. Water-dispersible granules
3. Wettable powders
4. Posterity Elite and other water-based suspension concentrates
5. Water-soluble concentrates
6. Emulsifiable concentrates
7. Adjuvants, surfactants, oils
8. Soluble fertilizers
9. Drift retardants

## 5.0 RESTRICTIONS AND PRECAUTIONS

### 5.1 Use Restrictions

- **DO NOT** allow children and pets into the treated area until sprays have dried.
- **DO NOT** apply aurally
- **DO NOT** apply this product through any type of irrigation system (chemigation).

- **DO NOT** spray Posterity Elite where spray drift may reach apple trees. Posterity Elite is extremely phytotoxic to certain apple varieties.
- **DO NOT** use spray equipment which has been previously used to apply Posterity Elite to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity to certain apple and crabapple varieties.

See **Section 6.0** for use-specific restrictions

## 5.2 Spray Drift Management

### SPRAY DRIFT

#### Groundboom Applications:

- User must only apply with the release height recommended by the manufacturer, but no more than 4 ft above the ground or crop canopy.
- Applicators are required to use a medium or coarser droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 15 mph at the application site.
- **DO NOT** apply during temperature inversions.

### SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.  
BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.

#### 5.2.1 Importance of Droplet Size

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under **un**favorable environmental conditions.

#### 5.2.2 Controlling Droplet Size – Ground Boom

- **Volume** – Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If greater spray volume is needed, consider using a nozzle with a higher flow rate.
- **Pressure** – Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- **Spray Nozzle** – Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

#### 5.2.3 Boom Height – Ground Boom

For ground equipment, the boom should remain level with the ground and have minimal bounce.

#### 5.2.4 Shielded Sprayers

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

### 5.2.5 Temperature and Humidity

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

### 5.2.6 Temperature Inversions

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.

### 5.2.7 Wind

Drift potential generally increases with wind speed. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.** Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

### 5.2.8 Handheld Technology Applications

Take precautions to minimize spray drift.

## 6.0 TURF USE DIRECTIONS

Posterity Elite controls certain pathogens causing foliar, stem, and root diseases including leaf and stem blights, leaf spots, patch diseases, mildews, anthracnose, fairy rings, molds, and rusts. For control of foliar diseases, allow Posterity Elite to completely dry prior to irrigating. For control of soil-borne diseases, Posterity Elite can be watered in after application.

<b>Turfgrass (including all cultivars, varieties, and or hybrids)</b>				
Turfgrass for golf courses				
<b>Target Pest</b>	<b>Rate (fl oz per 1,000 sq ft)</b>	<b>Rate (fl oz/A)</b>	<b>Application Timing</b>	<b>Use Directions</b>
Anthracnose ( <i>Colletotrichum cereal</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 day interval.	Use preventatively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development. For broad-spectrum disease control, tank-mix or alternate Posterity Elite with a contact fungicide like chlorothalonil (Daconil® Action™/EPA Reg. No. 100-1364), (Daconil Weatherstik®/EPA Reg. No. 100-1695), or (Daconil Ultrex®/EPA Reg. No. 100-1694).
Brown Patch ( <i>Rhizoctonia solani</i> )			Apply on a 14 to 28 day interval.	Apply when conditions are favorable for disease development.
Cool-Weather Brown Patch Yellow Patch ( <i>Rhizoctonia cerealis</i> )			Apply when conditions are favorable for disease development. Make one or two applications in fall or when conditions are favorable for disease development.	
Gray Leaf Spot ( <i>Pyricularia grisea</i> )			Apply on a 14 to 21 day interval.	Begin applications before disease is present. Alternate with other fungicide chemistries that control gray leaf spot.
Gray Snow Mold	0.84	36.6**	Make a single application in late fall just before snow cover.	Tank-mixing with another snow mold fungicide, such as chlorothalonil (Daconil Weatherstik®/EPA Reg. No. 100-1695) and fludioxonil (Medallion® SC/EPA Reg. No. 100-1448), may enhance control under severe disease pressure.
Typhula Blight ( <i>Typhula incarnata</i> )	0.42 - 0.84	18.3* – 36.6**	Make two applications in late fall, just before snow cover, spaced 10-21 days apart.	
Pink Snow Mold ( <i>Microdochium nivale</i> )				
Dollar Spot ( <i>Clariireedia</i> spp.)	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 28 day interval.	Apply preventatively when conditions are favorable for disease development. Apply the higher rate under heavy disease pressure or if longer intervals of control are desired. For broad-spectrum disease control, tank-mix or alternate Posterity Elite with a contact fungicide such as chlorothalonil (Daconil Action/EPA Reg. No. 100-1364) or fluazinam (Secure® Action™/EPA Reg. No. 100-1633).
Fairy Ring ( <i>Lycoperdon</i> spp., <i>Arachnion</i> spp., <i>Bovista</i> spp., <i>Vascellum</i> spp., and <i>Agrocybe pediades</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 28 day interval.	For preventative control of fairy ring, apply early in the spring prior to the development of symptoms. Apply in 2-4 gallons water per 1,000 sq ft. Irrigate into the thatch prior to the spray

<b>Turfgrass (including all cultivars, varieties, and or hybrids)</b>				
Turfgrass for golf courses				
<b>Target Pest</b>	<b>Rate (fl oz per 1,000 sq ft)</b>	<b>Rate (fl oz/A)</b>	<b>Application Timing</b>	<b>Use Directions</b>
				drying. Repeat the application within 14 – 28 days after first application. For curative control, apply as soon as possible after fairy ring symptoms develop. Apply in 2-4 gallons water per 1,000 sq. ft., irrigate lightly after application. Add the recommended rate of a wetting agent to the final spray. Severely damaged or thin turf may require replanting. Fairy ring symptoms may take 2 to 3 weeks to disappear following application. If the area is hydrophobic, use wetting agents and irrigate prior to application(s) of Posterity Elite. Reapplication after 28 days may be required in some cases.
Large patch / zoysia patch ( <i>Rhizoctonia solani</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 28 day interval.	For large patch of all warm-season turfgrasses, make 1 or 2 applications in fall prior to infection or when conditions are favorable for infection. A spring application during green-up may be required based on length of the infection period.
Leaf & Sheath Spot ( <i>Rhizoctonia zeae</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 21 day interval.	For leaf and sheath spot, apply when conditions are favorable for infection such as sequential days of temperatures at or above 90°F. Curative control may necessitate several applications; use higher rates at shorter intervals for curative control. Target spray applications at crown of turfgrass.
Brown Ring Patch ( <i>Waitea circinata</i> var. <i>circinata</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 21 day interval.	Apply when conditions are favorable for disease development.
Copper Spot ( <i>Gloeocercospora sorghi</i> )	0.42 - 0.84	18.3* – 36.6**	Apply every 14 days	Use Posterity Elite in a preventative disease control program. Begin applications before disease is present and alternate with other fungicide chemistries that control copper spot.
Leaf Rust Stem Rust Stripe Rust ( <i>Puccinia</i> spp.)	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 21 day interval.	Begin applications when conditions are favorable for disease infection, prior to disease symptom development.
Leaf Spot ( <i>Bipolaris sorokiniana</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 21 day interval.	Apply when conditions are favorable for disease development.
Melting Out ( <i>Drechslera poae</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 21 day interval.	Apply when conditions are favorable for disease development.
Microdochium Patch ( <i>Microdochium nivale</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 28 day interval.	Use preventatively Begin applications when conditions are favorable for

<b>Turfgrass (including all cultivars, varieties, and or hybrids)</b>				
Turfgrass for golf courses				
<b>Target Pest</b>	<b>Rate (fl oz per 1,000 sq ft)</b>	<b>Rate (fl oz/A)</b>	<b>Application Timing</b>	<b>Use Directions</b>
				disease infection, prior to disease symptom development.
Pink Patch ( <i>Limonomyses roseipellis</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 21 day interval.	Apply when conditions are favorable for disease development.
Powdery Mildew ( <i>Erysiphe graminis</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 21 day interval.	Begin applications when conditions are favorable for disease infection, prior to disease development
Red Thread ( <i>Laetisaria fuciformis</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 21 day interval.	Apply when conditions are favorable for disease development.
Spring Dead Spot ( <i>Ophiosphaerella korrae</i> ) or ( <i>Ophiosphaerella narmari</i> ) or ( <i>Ophiosphaerella herpotricha</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 28 day interval.	Apply 1 or 2 applications approximately one month prior to bermudagrass dormancy. 1/8" to 1/4" of irrigation directly after application is recommended. Reapply 14 to 28 days later.
Summer Patch ( <i>Magnaporthe poae</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 28 day interval.	Initiate applications when soil temperatures reach 65°F at a 2-inch soil depth.
Take-all Patch ( <i>Gaeumannomyces graminis</i> var. <i>avenae</i> )	0.42 - 0.84	18.3* – 36.6**	Make two applications 14 -21 days apart in the spring and two applications 14-21 days apart in the fall.	Begin applications prior to disease symptom development. Make two applications 28 days apart in the spring and two applications 28 days apart in the fall.
Take-all Root Rot ( <i>Gaeumannomyces graminis</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 28 day interval.	Use preventatively, when conditions are favorable for disease development. Apply 1/8" to 1/4" of irrigation directly after application.
Bermudagrass Decline ( <i>Gaeumannomyces graminis</i> var. <i>graminis</i> )	0.42 - 0.84	18.3* – 36.6**	Apply on a 14 to 28 day interval.	Use preventatively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development.
Pythium Root Dysfunction ( <i>Pythium volutum</i> )	0.42 - 0.84	18.3* – 36.6**	Apply every 14-28 days.	Use preventatively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development.
*18.3 fl oz is equivalent to 0.149 lb azoxystrobin; 0.149 lb difenoconazole; and 0.09 lb pydiflumetofen. **36.6 fl oz is equivalent to 0.297 lb azoxystrobin; 0.297 lb difenoconazole; and 0.18 lb pydiflumetofen.				
<b>Resistance Management:</b>				
<ul style="list-style-type: none"> <li>• Refer to <a href="#">Section 3.1</a>.</li> <li>• Do not make more than two sequential applications for control of Gray Leaf Spot.</li> <li>• For all other diseases, do not make more than three sequential applications. Do not make more than three sequential applications.</li> </ul>				
<b>USE RESTRICTIONS</b>				



<b>Turfgrass (including all cultivars, varieties, and or hybrids)</b>				
Turfgrass for golf courses				
<b>Target Pest</b>	<b>Rate (fl oz per1,000 sq ft)</b>	<b>Rate (fl oz/A)</b>	<b>Application Timing</b>	<b>Use Directions</b>
<ol style="list-style-type: none"> <li>1. <b>Maximum Single Application Rate:</b> 36.6 fl oz/A</li> <li>2. <b>DO NOT</b> make more than 2 applications at the highest single rate application 36.6 fl oz/A.</li> <li>3. <b>DO NOT</b> make more than 4 applications at the lowest single rate application 18.3 fl oz/A.</li> <li>4. <b>Minimum Application Interval:</b> 14 days</li> <li>5. <b>Maximum Annual Rate:</b> 73.2 fl oz/A               <ol style="list-style-type: none"> <li>a. <b>DO NOT</b> apply more than 0.36 lb ai of pydiflumetofen-containing products/A/year.</li> <li>b. <b>DO NOT</b> apply more than 5.0 lb ai of azoxystrobin-containing products/A/year.</li> <li>c. <b>DO NOT</b> apply more than 1.29 lb ai of difenoconazole-containing products/A/year.</li> </ol> </li> </ol>				

## 7.0 STORAGE AND DISPOSAL

### STORAGE AND DISPOSAL

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

#### Pesticide Storage

Store in original container only. Store in a cool, dry and well-ventilated place. Protect from excessive heat. Keep container closed when not in use. Do not store near food or feed.

#### Pesticide Disposal

Pesticide wastes may be toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of federal law. If these wastes cannot be used 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 in proper disposal methods.

#### Container Handling - [(less than or equal to 5 gallons)]

**Non-refillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container  $\frac{1}{4}$  full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

#### Container Handling - [(greater than 5 gallons)]

**Non-refillable container.** Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container  $\frac{1}{4}$  full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

**Container Handling - [(greater than 5 gallons)]**

**Refillable container.** Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the person refilling. To clean container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or by other procedures approved by state and local authorities.

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

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

**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. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, 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.

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## 9.0 APPENDIX

### 9.1 Posterity Elite Rate Conversion Chart

fl oz product per acre	lb ai azoxystrobin	lb ai difenoconazole	lb ai pydiflumetofen
18.3	0.149	0.149	0.09
36.6	0.297	0.297	0.18

Posterity<sup>®</sup>, ADEPIDYN<sup>™</sup>, Action<sup>™</sup>, Daconil Weatherstik<sup>®</sup>, Daconil<sup>®</sup> Action<sup>™</sup>, Daconil Ultrex<sup>®</sup>, Medallion<sup>®</sup>, the SYNGENTA Logo, and the PURPOSE ICON are trademarks of a Syngenta Group Company.

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Syngenta Crop Protection at 1-800-334-9481.

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