



## OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

March 21, 2024

Patricia McFadden  
Registration Manager  
Sipcam Agro USA, Inc  
2525 Meridian Parkway  
Durham, NC 27713

Subject: Label Amendment – Updating Resistance Management Language per PRN 2017-1; Restoring text in Directions for Application for Turf Disease section  
Product Name: Endow G2  
EPA Registration Number: 60063-76  
Application Date: July 17, 2023  
Case Number: 489615

Dear Patricia McFadden:

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

A stamped copy of your labeling 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 CFR 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 CFR 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 is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. 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 website will be referred to the EPA's Office of Enforcement and Compliance.

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.

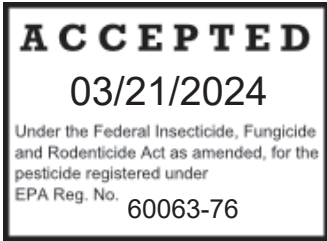
If you have any questions, please contact Kristy Crews at 202-566-1813 or [crews.kristy@epa.gov](mailto:crews.kristy@epa.gov).

Sincerely,

A handwritten signature in cursive script that reads "Kristy Crews".

Kristy Crews, Ph.D., Product Manager 22  
Fungicide Branch, Registration Division (7505T)  
Office of Pesticide Programs

Enclosure- Stamped Label



**AZOXYSTROBIN** | **GROUP 11** | **FUNGICIDE**

**Endow G2**

[Alternate Brand Name: Endow G2 Fungicide]

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

<b>Active Ingredient: Azoxystrobin*</b> .....	0.31%
<b>Other Ingredients:</b> .....	99.69%
<b>Total:</b> .....	100.00%

\*IUPAC name: methyl(E)-2-{2-[6-(2-cyanophenoxy) pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate  
Endow G2 is a granular formulation that contains 0.0031 lb. azoxystrobin per lb. product.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted detalle.  
(If you do not understand the label, find someone to explain it to you in detail.)

<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 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 further 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.</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>Emergency Phone Numbers</b>	(800) 424-9300 CHEMTREC (transportation and spills) (800) 222-1222 Poison Control Center (human health)

EPA Reg. No.: 60063-76  
Net Contents: \_\_\_\_\_ [lbs.] [ \_\_\_\_ kg]  
[Lot number / Label Date Code]

EPA Est. No.: \_\_\_\_\_  
[Lot no. begins with xx]

**Manufactured for:**  
Sipcam Agro USA, Inc.  
2525 Meridian Parkway  
Durham, NC 27713

See additional Precautionary Statements and Directions for Use inside [the] [book[let]].  
Read the [entire] label [carefully] before [using this product.] [opening the container].

#### **OPTIONAL LANGUAGE THAT MAY APPEAR ON THE LABEL**

[Pull][Peel] back [label] [book] here

[Application Type T] [Turf]

[Formulated in the United States of America, with U.S. and imported ingredients.]

[Product of \_\_\_\_\_ ] [Note: if manufactured in a country other than U.S., country name will appear here]

[Fungicide]

[Alternate Brand Name: Endow G2 Fungicide]

### **PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & 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 hands 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.

#### **Personal Protective Equipment (PPE)**

##### **All 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

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.

#### **ENGINEERING CONTROL STATEMENTS**

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)(5)], the handler PPE requirements may be reduced or modified as specified in the WPS.

#### **USER SAFETY RECOMMENDATIONS**

##### **Users should**

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. If pesticide gets on skin, wash immediately with soap and water.
- 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 pesticide is toxic to freshwater and estuarine/marine fish and aquatic invertebrates. Azoxystrobin can be persistent for several months or longer. 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 wash water or rinsate.

##### **Groundwater Advisory**

Azoxystrobin and a degradate of azoxystrobin are known to leach through soil to groundwater under certain conditions as a result of label use. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow.

### Surface Water Advisory

This product may impact surface water quality due to run-off of rain water. This is especially true for poorly draining soils and soils with shallow groundwater. This product is classified as having a high potential for reaching surface water via run-off for 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 azoxystrobin and a degradate of azoxystrobin from run-off water and sediment. Run-off of this product also will be reduced by avoiding applications when rainfall or irrigation is expected to occur within 48 hours.

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

### DIRECTIONS FOR USE

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.

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.

Failure to follow the DIRECTIONS FOR USE, RESTRICTIONS and PRECAUTIONS on this label may result in reduced weed control, adverse crop response, or illegal crop residues.

### 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 application of this product is complete.

### PRODUCT INFORMATION

Endow G2 is a broad-spectrum, systemic fungicide with preventative and curative properties used to control listed turf diseases in lawns and landscapes around residential, institutional, public, commercial and industrial buildings parks, recreational areas, athletic fields and golf courses. All applications must be made according to the use directions below.

### USE RESTRICTIONS

- **DO NOT** graze or feed clippings from treated turf areas to animals.
- **DO NOT** apply more than 1,613 lb product per acre per year (37 lbs. product per 1,000 square feet per year).
- **DO NOT** apply by air or through any type of chemigation.
- **DO NOT** apply when weather conditions favor product blowing from treated areas to non-target aquatic habitat.
- **DO NOT** use any application equipment that has been used to apply this product (or any other product containing azoxystrobin) to turf, to make applications to or near apple trees. Azoxystrobin, the active ingredient in this product, is extremely phytotoxic to certain apple varieties. Even trace amounts can cause unacceptable phytotoxicity.
- **DO NOT** apply this product 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.

This product 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. This product may be used in State Agricultural Extension advisory (disease forecasting) programs which recommend application timing based on environmental factors favorable for disease development.

## **RESISTANCE MANAGEMENT**

For resistance management, Endow G2 contains a Group 11 fungicide. Any fungal population may contain individuals naturally resistant to Endow G2 and other Group 11 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

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

- Rotate the use of Endow G2 or other Group 11 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, 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 treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Sipcam Agro USA, Inc. at 919-226-1195. You can also contact your pesticide distributor or university extension specialist to report resistance.

Use of a multiple-site contact fungicide such as Echo® as an alternating partner can help alleviate selection pressure on pathogens and delay the onset of resistance.

## **APPLICATION INSTRUCTIONS**

Apply this product 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.

**USE RESTRICTIONS:**

- **MAXIMUM APPLICATION RATE PER ACRE PER YEAR:** 1,613 lbs. product per acre per year (5.0 lbs. AI / acre per year) [37 lbs. product/1,000 sq.ft. per year (0.1147 lbs. AI / 1,000 sq.ft. per year)]
- **SINGLE MAXIMUM USE RATE:** 174 lbs. product per acre per year (0.54 lbs. AI / acre per year) [4 lbs. product/1,000 sq.ft. per year (0.0124 lbs. AI / 1,000 sq.ft per year)]
- **MAXIMUM NUMBER OF APPLICATIONS PER YEAR:** Nine (9) applications at the single maximum use rate
- **DO NOT** apply by air or through any type of chemigation.
- **DO NOT** graze or feed clippings from treated turf areas to animals.

For use in the establishment of turfgrass from seed or in overseeding of dormant turfgrass: Use this product for control of certain turfgrass diseases associated with turfgrass establishment from seed as well as during overseeding of dormant turfgrass.

Apply this product prior to disease development. Apply this product before or after seeding or at seedling germination and emergence to ryegrass, bentgrass, bluegrass, and fescue turfgrass types. Optimum application timing is during seeding.

**DIRECTIONS FOR APPLICATION FOR TURF DISEASES**

Under high disease pressure or when prolonged favorable disease conditions exist, use higher rates and shorter intervals.

Target Diseases	Use Rate (lbs. product/ 1000 sq ft)	Application Interval (days)	Application Instructions*
Anthracnose ( <i>Colletotrichum cereale</i> )	2-4	14-28	Begin preventative applications of this product when conditions are favorable for disease infection and prior to disease symptom development. Alternate with a contact fungicide such as Echo®.
Brown Patch ( <i>Rhizoctonia solani</i> )	2-4	14-28	Apply this product when conditions are favorable for disease development.
Brown Ring Patch ( <i>Rhizoctonia circinata</i> var. <i>circinata</i> )	2-4	14-28	Apply this product when conditions are favorable for disease development.
Cool Weather Brown Patch Yellow Patch ( <i>Rhizoctonia cerealis</i> )	2-4	14-28	Make one or two applications of this product in fall or when conditions are favorable for disease development.

Target Diseases	Use Rate (lbs. product/ 1000 sq ft)	Application Interval (days)	Application Instructions*
Fairy Ring ( <i>Lycoperdon</i> spp., <i>Agrocybe pediades</i> , and <i>Bovistra plumbea</i> )	2-4	14-28	Apply this product 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. Make an additional application 14-28 days if needed.
Gray Leaf Spot ( <i>Pyricularia grisea</i> )	2-4	14-28	Begin applications of this product before disease is present and continue applications while conditions are favorable for disease development.
Gray Snow Mold Typhula Blight ( <i>Typhula incarnata</i> )	4	10-28	Make two applications of 4 lb spaced 10-28 days apart in late fall just before snow cover. Alternating with another snow mold fungicide, such as Echo®, may enhance control under severe disease pressure.
Leaf Rust Stem Rust Stripe Rust ( <i>Puccinia</i> spp.)	2-4	14-28	Apply this product when conditions are favorable for disease infection and prior to disease symptom development.
Leaf Spot ( <i>Bipolaris sorokiniana</i> )	2-4	14-21	Apply this product when conditions are favorable for disease development.
Melting Out ( <i>Drechslera poae</i> )	2-4	14-21	Apply this product when conditions are favorable for disease development.
Microdochium Patch (formerly known as Fusarium Patch) ( <i>Microdochium nivale</i> )	2-4	14-28	Begin preventative applications of this product when conditions are favorable for disease infection and prior to disease symptom development.
Necrotic Ring Spot ( <i>Leptosphaeria korrae</i> )	2-4	14-28	Apply this product when conditions are favorable for disease development.
Pink Patch ( <i>Limonomyces roseipellis</i> )	2-4	14-28	Apply this product when conditions are favorable for disease development.



Target Diseases	Use Rate (lbs. product/ 1000 sq ft)	Application Interval (days)	Application Instructions*
Pink Snow Mold ( <i>Microdochium nivale</i> )	4	10-28	Make two applications of 4 lb. spaced 10-28 days apart in late fall just before snow cover.
Powdery Mildew ( <i>Erysiphe graminis</i> )	2-4	14-28	Begin applications of this product when conditions are favorable for disease infection, prior to disease symptom development.
* Pythium Blight Pythium Root Rot ( <i>Pythium aphanidermatum</i> , <i>Pythium</i> spp.)	2-4	10-14	Begin preventative applications of this product 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.
Pythium Root Dysfunction ( <i>Pythium volutum</i> )	4	21-28	Apply this product preventatively when mean daily soil temperatures are between 55 F and 70 F. Irrigate with 0.1 to 0.2 inches within 24 hours after application to facilitate movement into the root zone.
Red Thread ( <i>Laetisaria fuciformis</i> )	2-4	14-28	Apply this product when conditions are favorable for disease development.
Rhizoctonia Large Patch ( <i>Rhizoctonia solani</i> )	2-4	14-28	Make one or two applications of this product in fall or when conditions are favorable for disease development.
Rhizoctonia Large Patch , Zoysia Patch ( <i>Rhizoctonia solani</i> and / or <i>Gaeumannomyces incrustana</i> )	2-4	14-28	Apply one or two applications of this product when conditions are favorable for disease development. Reapply 14 to 28 days later.
Rhizoctonia Leaf and Sheath Blight ( <i>Rhizoctonia zeae</i> )	2-4	14-28	Apply this product 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.
Southern Blight ( <i>Sclerotium rolfsii</i> )	2-4	14-28	Apply this product when conditions are favorable for disease development.
Summer Patch ( <i>Magnaporthe poae</i> )	2-4	14-28	Apply this product when conditions are favorable for disease development.

Take-All Patch ( <i>Gaeumannomyces graminis</i> var. <i>avenae</i> )	2-4	28	Begin applications of this product 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.
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\* Do not apply more than two sequential applications of this product for control of Pythium diseases. For all other diseases when Pythium diseases are not present, do not apply more than three sequential applications of this product.

**Rate Conversion Chart for Turf**

Pounds Product per 1,000 Sq Ft	Pounds AI per 1,000 Sq Ft	Pounds Product per Acre	Pounds AI per Acre
2	0.0062	87	0.27
3	0.0093	131	0.40
4	0.0124	174	0.54

[Spreader models and settings available at the time of final printed labeling. Spreader chart is considered optional label language]

**[Granular Spreader Settings**

Make and Models	Settings <sup>1,2</sup>			
	2 lb per 1,000 ft <sup>2</sup>	3 lb per 1,000 ft <sup>2</sup>	4 lb per 1,000 ft <sup>2</sup>	7 lb per 1,000 ft <sup>2</sup>
Spreader A				
Spreader B				
Spreader C				
Spreader D				

<sup>1</sup> It is advised that you calibrate your spreader before application since manufacturer's settings can vary among the same model of spreader.

<sup>2</sup> Spreader settings are approximate starting points for calibrating equipment.]

**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**

Improper disposal of excess pesticide, 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 of the nearest EPA Regional Office for guidance.

**Container Handling**

Non-refillable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If partly filled:** Contact your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

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

## **WARRANTY AND LIMITATION OF DAMAGES**

**CONDITIONS OF SALE:** To the extent consistent with applicable law, Sipcam Agro USA, Inc. 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 under normal conditions of use. 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 Sipcam Agro USA, Inc. SIPCAM AGRO USA, INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF FITNESS OR MERCHANTABILITY. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, SIPCAM AGRO USA, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, AND SIPCAM AGRO USA, INC.'S SOLE LIABILITY AND BUYER'S AND USER'S EXCLUSIVE REMEDY SHALL BE LIMITED TO THE REFUND OF THE PURCHASE PRICE. BUYER AND USER ACKNOWLEDGE AND ASSUME ALL RISKS AND LIABILITY RESULTING FROM HANDLING, STORAGE AND USE OF THIS PRODUCT. SIPCAM AGRO USA, INC. DOES NOT AUTHORIZE ANY AGENT OR REPRESENTATIVE TO MAKE ANY OTHER WARRANTY, GUARANTEE OR REPRESENTATION CONCERNING THIS PRODUCT.