

Endow™ G



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.

Active Ingredient:

Azoxystrobin* 0.31%

Other Ingredients: 99.69%

Total: 100.00%

*IUPAC name: methyl(E)-2-[2-[6-(2-cyanophenoxy) pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate

Endow G 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.)

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. • Call a poison control center or doctor for treatment advice.
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
Emergency Phone Numbers	(800) 424-9300 CHEMTREC (transportation and spills) (800) 222-1222 Poison Control Center (human health)

Manufactured for:
SIPCAM AGRO USA, INC.
2525 Meridian Parkway, Suite 350
Durham, NC 27713

See additional Precautionary Statements and Directions for Use inside the booklet.

EPA Reg. No. 60063-69

EPA Est. No. 60063-GA-1 (Lot number begins with VL)

EPA Est. No. 70815-GA-1 (Lot number begins with CB)

EPA Est. No. 86555-MO-1 (Lot number begins with AF)

EPA Est. No. 82757-OH-1 (Lot number begins with TC)

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EPA 092018 (10/18)

Read the entire
label carefully
before using this
product.

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.

Personal Protective Equipment (PPE)

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

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 G is a broad-spectrum, systemic fungicide with preventative and curative properties used to control listed 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. All applications must be made according to the use directions below.

USE RESTRICTIONS

- **DO NOT** apply more than 1,613 lbs. product per acre per year (37 lbs. product per 1,000 square feet per year).
- **DO NOT** apply by air.
- **DO NOT** graze or feed clippings from treated turf areas to animals.
- **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.
- **DO NOT** apply this product where granules may reach apple trees.

PRECAUTION: Azoxystrobin, the active ingredient in this product, is extremely phytotoxic to certain apple varieties. Even trace amounts can cause unacceptable phytotoxicity.

INTEGRATED PEST (DISEASE) MANAGEMENT (IPM)

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

This product contains a Group 11 (azoxystrobin) fungicide. Fungal diseases may develop resistance to Group 11 fungicides when used repeatedly in the same location or in successive years as the primary method of control for targeted disease. This may result in partial or total loss of control of those species by this product and or other Group 11 fungicides.

The rate and scope, at which resistant populations develop, cannot be predicted. Therefore, the use of this product must conform to the resistance management strategies established for the use area. Resistance management strategies include rotation and/or tank mixing with products utilizing different modes of action or restricting the number of applications per year. Contact your local university or extension specialist and/or manufacturer for fungicide resistance recommendations.

To delay fungicide resistance:

- Avoid the consecutive use of this product or other target site of action Group 3 and/or Group 11 fungicides that have a similar target site of action, on the same pathogens.
- Use tank-mixtures or premixes with fungicides from different target site of action Groups as long as the involved products are all registered for the same use and are both effective at the tank mix or prepack rate on the pathogen(s) of concern. 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.
- Base fungicide use on a comprehensive Integrated Pest Management (IPM) program.
- Monitor treated fungal populations for loss of efficacy.
- Contact your local extension specialist, and/or manufacturer for fungicide resistance management.

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

Application Instructions for Professional and Commercial Applicators

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.

Apply this product prior to disease development.

RESTRICTIONS

- **DO NOT** apply more than 1,613 lbs. product per acre per year (37 lb. product/1,000 sq. ft. per year).
- **DO NOT** make more than four applications per year at the high rate.
- **DO NOT** apply by air.
- **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 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 chlorothalonil (products 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.
Fairy Ring (<i>Lycoperdon</i> spp., <i>Agrocybe pediades</i> , and <i>Bovistia 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 reseeded. 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 lbs. spaced 10-28 days apart in late fall just before snow cover. Alternating with another snow mold fungicide, such as chlorothalonil (products 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.
Pink Snow Mold (<i>Microdochium nivale</i>)	4	10-28	Make two applications of 4 lbs. 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.

(continued)

Target Diseases	Use Rate (lbs. product/1000 sq. ft.)	Application Interval (days)	Application Instructions
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</i> <i>incrustans</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</i> <i>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.

*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

Application Instructions for Homeowners - Directions for Application to Home Lawns

APPLICATION INSTRUCTIONS

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 this product per 1000 square feet in a single year.

Apply this product with all types of spreader equipment commonly used for making ground applications. (See Granular Spreading Settings Chart) Proper adjustments and calibration of application equipment to give good coverage is essential for good disease control.

Tips on Using Endow G

- Use Endow 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.

How to Apply Endow G to your lawn.

- Measure the length and width of area to be treated before application. Length x width = square feet. For example, an area 15 ft wide and 20 ft long is 300 square feet.
- Refer to the *Homeowner Directions - Applications for Lawn Diseases* table for the rate to apply to control your lawn disease problem. Add the appropriate amount of Endow G to 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.
- Endow 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.

RESTRICTIONS

- **DO NOT** apply more than 37 lb. product/1,000 sq. ft. per year.
- **DO NOT** make more than four applications per year at the high rate.
- **DO NOT** graze or feed clippings from treated turf areas to animals.

HOMEOWNER DIRECTIONS – APPLICATION FOR LAWN DISEASES

Target Diseases	Amount to apply (lbs. product/1000 sq. ft.)	Number of days between Applications	Application Instructions
Anthracnose Fusarium Patch Gray Leaf Spot Leaf Rust Powdery Mildew Stem Rust Stripe Rust	2 – 4	14 – 28	Begin applications of this product when conditions are favorable for disease infection and prior to disease symptom development.
Brown Patch	2 – 4	14 – 28	Apply this product when conditions are favorable for disease development.
Cool Weather Brown Patch Rhizoctonia Large Patch Yellow Patch	2 – 4	14 – 28	Make one or two applications of this product in fall or when conditions are favorable for disease development.
Fairy Ring	4	28	Apply this product 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. Make an additional application 28 days after the first application if needed.
Gray Snow Mold Typhula Blight Pink Snow Mold	4	10 – 28	Make two applications in late fall just before snow cover.
Leaf Spot Melting Out	2 – 4	14 – 21	Apply this product when conditions are favorable for disease development.
Necrotic Ring Spot Pink Patch Red Thread Southern Blight Summer Patch	2 – 4	14 – 28	Apply this product when conditions are favorable for disease development.
Pythium Blight Pythium Root Rot	2 – 4	10 – 14	Begin applications of this product when conditions are favorable for disease infection, before disease is present.
Pythium Root Dysfunction* (<i>Pythium volutum</i>)	4	21-28	Apply 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.

Target Diseases	Use Rate (lbs. product/1000 sq. ft.)	Application Interval (days)	Application Instructions
Spring Dead Spot	2 – 4	14 – 28	Make one or two applications, with the last application falling approximately one month prior to Bermudagrass dormancy. Irrigate with ¼" to ½" 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). Treat southern lawns (warm season grasses such as bermudagrass and St. Augustine grass twice in the summer (June – August) as well.
Zoysia Patch	2 – 4	14 – 28	Make one to two applications of this product, with the last application falling approximately one month prior to zoysiagrass dormancy.

Granular Spreader Settings

Make and Models	Settings ^{1,2}		
	2 lb per 1,000 ft ²	3 lb per 1,000 ft ²	4 lb per 1,000 ft ²
Cyclone	3	4	4 1/4
Lely	3 II	4 II	5 II
Lesco	10	15	16
Scoots R8A/SR-I	I	K	L
Spyker	3	3 1/2	4 1/4
Vicon	20	22	23

¹ Assume 3 mph walking speed.

² 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.

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.