

100-1315

05-19-2010

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

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

Fred Pearson
Syngenta Crop Protection, Inc.
P.O. Box 18300
Greensboro, NC 27419

MAY 19 2010

SUBJECT: Label Amendment
Renown Fungicide
EPA Reg. No. 100-1315; Decision # 419616
Your Submission Dated September 1, 2009

Dear Mr. Pearson:

The amended labeling referred to above, submitted in connection with registration under the Federal Insecticide Fungicide and Rodenticide Act (FIFRA), as amended to delete the respirator requirement for applicators using the diluted product based on an acute inhalation toxicity study on the diluted product, and to make other label changes is acceptable.

Submit two copies of your final printed labeling before you release the product for shipment.

If you have any questions regarding this correspondence, contact Rose Kearns of my staff by phone at 703-305-5611 or via email at kearns.rosemary@epa.gov or myself at 703-308-9443 or via email at kish.tony@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Tony Kish".

Tony Kish
Product Manager Team 22
Fungicide Branch
Registration Division (7505P)

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Renown™

Fungicide



For control of turf diseases

Active Ingredient:

Chlorothalonil (tetrachloroisophthalonitrile)*	45.0%
Azoxystrobin: methyl (E)-2-[2-[6-(2-cyanophenoxy) pyrimidin-4-yloxy]phenyl]-3-methoxyacrylate**	3.0%
<i>Other Ingredients:</i>	52.0%
Total:	100.0%

* CAS No. 1897-45-6

**CAS No. 131860-33-8

Renown contains 4.84 pounds active ingredient of chlorothalonil per gallon (580.0 grams per liter) and 0.32 pounds active ingredient of azoxystrobin per gallon (38.7 grams per liter).

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

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

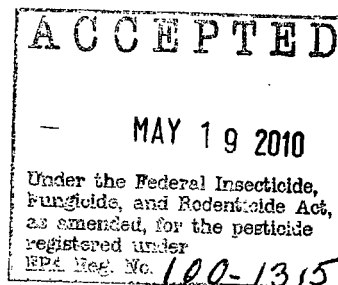
See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1315

EPA Est. 50534-TX-001

SCP 1315A-L

2.5 gallons [Product ID 38680]
Net Contents



FIRST AID	
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 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 eye. • Call a poison control center or doctor for treatment advice.
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 do so by a 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.
NOTE TO PHYSICIAN	
Persons suffering with temporary allergic skin reactions may respond to treatment with oral antihistamines and topical or oral steroids.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER	
For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING/AVISO

May be fatal if inhaled. Do not breathe vapor or spray mist. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eye wear (goggles, face shield, or safety glasses). Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap

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and water after handling and before eating, drinking, chewing gum, ~~or~~ using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

Mixers, Loaders, ~~Applicators~~ and all other handlers (except Applicators) must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or canister with any N, R, P or HE prefilter
- Protective eyewear (goggles, face shield, or safety glasses)

Applicators must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear (goggles, face shield, or safety glasses)

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, 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)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- 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.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This pesticide product is toxic to freshwater and estuarine/marine fish, aquatic invertebrates and wildlife.

Chlorothalonil, an active ingredient in Renown, is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Azoxystrobin, the other active ingredient in Renown, 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 groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Renown can contaminate surface water through spray drift. Under some conditions, it may have high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas over-laying extremely shallow groundwater, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

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.

Notify State and/or Federal authorities and SYNGENTA immediately if you observe any adverse environmental effects due to use of this product.

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, INC. 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.

Read entire label carefully and use only as directed.

DIRECTIONS FOR USE

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

Renown should be used only in accordance with recommendations on this label or in separately published SYNGENTA supplemental labeling recommendations for this product.

DO NOT apply this product in a way that will contact workers or other persons, or pets 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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow workers to enter treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear (goggles, face shield, or safety glasses)

Special Eye Irritation Provisions: This product is a severe eye irritant. Although the restricted entry interval expires after 12 hours, for the next 6.5 days entry is permitted only when the following safety measures are provided:

- (1) At least one container designed specifically for flushing eyes must be available in operating condition at the WPS required decontamination site intended for workers entering the treated area.
- (2) Workers must be informed, in a manner they can understand:
 - that residues in the treated area may be highly irritating to their eyes
 - that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes
 - that if they do get residues in their eyes, they should immediately flush their eyes using the eyeflush container that is located at the decontamination site or using other readily available clean water, and
 - how to operate the eyeflush container

Non-Agricultural Uses

For use to control diseases of turf on golf courses, lawns around commercial and industrial buildings, and professional and collegiate athletic fields.

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.

DO NOT enter or allow others to enter area until sprays have dried.

USE GENERAL INFORMATION

[Moved]

ONLY FOR USE ON: turf on golf courses, sod farms, and lawns around commercial and industrial buildings, and professional and collegiate athletic fields.

[Moved]

DO NOT use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (i.e., elementary, middle and high schools), campgrounds, churches, and theme parks.

Renown is a broad spectrum fungicide with contact, systemic, preventive and curative properties recommended for the control of many important plant diseases. ~~Renown is recommended for use in programs that are compatible with the principles of Integrated Pest Management (IPM), which include the use of disease resistant crop varieties, cultural practices, pest scouting and disease forecasting systems, which reduce unnecessary applications of pesticides.~~ All applications should be made according to the use directions that follow.

Renown is effective for strategic use in programs that attempt to minimize disease resistance to fungicides. Some other fungicides that are at risk from disease resistance exhibit a single-site mode of fungicidal action. Renown, with a multi-site mode of action, may be used to delay or prevent the development of resistance to single-site fungicides. Consult your Federal or State Cooperative Extension Service representatives for guidance on the proper use of Renown in programs which seek to minimize the occurrence of disease resistance to other fungicides.

~~Do not use for sod farms at application rates greater than 13 pounds active ingredient, per acre, per year.~~

~~The required amount of Renown should be added slowly into the spray tank during filling. With concentrate sprays, pre-mix the required amount of Renown in a clean~~

~~container and add to the spray tank as it is being filled. Keep agitator running when filling spray tank and during spray operations.~~

Integrated Pest (Disease) Management

Renown is an excellent disease control agent when used according to label directions for control of a broad spectrum of plant diseases. Renown is recommended for use in programs which are compatible with the principles of Integrated Pest Management (IPM), which include the use of disease resistant crop varieties, cultural practices, pest scouting and disease forecasting systems which reduce unnecessary applications of pesticides.

RESISTANCE MANAGEMENT



Renown is a mixture containing chlorothalonil (a Group M5 fungicide) and azoxystrobin (a Group 11 fungicide). Accordingly, Renown has two modes of action:

- 1) Chlorothalonil (a Group M5 phthalonitile fungicide) is a multi-site contact fungicide.
- 2) Azoxystrobin (Group 11) is an inhibitor of the Qo (quinone outside) site within the electron transport system (Qol) as well as disrupting membrane synthesis by blocking demethylation.

Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Renown is not cross-resistant with any other classes of fungicides which have different modes of action. Because resistance development can not be predicted, use of this product should conform to resistance management strategies established for turf in your area. Consult your local or state turf authorities for resistance management strategies that are complementary to those in this label.

Resistance management strategies may include rotating and/or tank-mixing with products having different modes of action or limiting the total number of applications per season. Avoid alternation with other Group 11 fungicides such as pyraclostrobin and trifloxystrobin. Renown should not be alternated or tank-mixed with fungicides to which resistance has already developed. Continual use of Renown may allow less sensitive strains of pathogens to increase in population and reduce the efficacy of Renown. Syngenta encourages responsible resistance management to ensure effective long-term control of the fungal diseases on this label.

Since pathogens differ in their potential to develop resistance to fungicides, the SPECIFIC USE DIRECTIONS FOR APPLICATION section in this label provides resistance management strategies specific for each crop and disease.

SPRAYING/MIXING

~~Apply Renown in sufficient water volume for adequate coverage and canopy penetration.~~

Prepare no more spray mixture than is required for the immediate operation. Do not allow the spray mixture to sit overnight. Thoroughly clean spray equipment before using this product. Agitate the spray solution before and during application. Rinse spray tank thoroughly with clean water after each day's use and dispose of pesticide rinsate by application to an already treated area.

Apply Renown in an adequate amount of water to provide complete coverage. This amount may vary from 50 to 90 gallons per acre.

Alone: Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank. With the agitator running, slowly add the required amount of~~add the~~ Renown to the tank. With concentrate sprays, pre-mix the required amount of Renown in a clean container and add to the spray tank as it is being filled. Continue agitation while adding the remainder of the water. Begin application of the spray solution after the Renown has completely dispersed into the water. Maintain continuous agitation until all of the mixture has been sprayed.

Renown + Tank Mixtures:

[Moved]

DO NOT combine Renown in the spray tank with pesticides, surfactants or fertilizers, unless your prior use has shown the combination physically compatible, effective and noninjurious under your conditions of use. DO NOT combine Renown with Dipel[®], Latron B-1956[®] or Latron AG-98[®], horticultural oil, and products containing xylene as phytotoxicity may result from the combination when applied to some species on this label.

When an adjuvant is to be used with this product, the use of an adjuvant that meets the standards of the Chemical Producers and Distributors Association (CPDA) adjuvant certification program is recommended.

Consult your SYNGENTA sales representative for information concerning compatibility with other tank mix partners. NOTE: When using Renown in mixture, any product in water-soluble packaging should be added to the tank prior to adding Renown. Allow water-soluble packaging to completely dissolve and the mixture product to completely disperse before adding Renown to the tank.

Add $\frac{1}{2}$ - $\frac{2}{3}$ of the required amount of water to the spray or mixing tank. Again, if tank mixing with any product packaged in water-soluble packets, add this product first with the agitator running. Allow the material to completely dissolve and disperse in the mix

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water. In general, additional tank mix partners should be added in the following order: wettable powders, dry flowable formulations, liquid flowable formulations, and emulsifiable concentrations. Always allow each tank mix partner to become fully dispersed before adding the next product. Maintain agitation while adding the rest of the water, while adding the other tank mix partners and throughout the mixing and spraying operation.

APPLICATION EQUIPMENT

Renown may be applied with most types of spray equipment commonly used for making ground applications.

DO NOT apply Renown aerially.

DO NOT apply Renown through any type of ultra low volume (ULV) spray system.

SPRAY DRIFT PRECAUTIONS

[Moved]

DO NOT apply Renown aerially.

Renown is extremely phytotoxic to certain apple varieties.

AVOID SPRAY DRIFT. Extreme care must be used to prevent injury to apple trees (and apple fruit).

DO NOT spray Renown where spray drift may reach apple trees.

DO NOT spray when conditions favor drift beyond area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size, etc. Contact your state extension agent for spray drift prevention guidelines in your area.

DO NOT use spray equipment which has been previously used to apply Renown to spray apple trees. Even trace amounts can cause unacceptable phytotoxicity.

AVOIDING SPRAY DRIFT IS THE RESPONSIBILITY OF THE APPLICATOR.

Do not apply when weather conditions favor drift from treated areas to non-target aquatic habitat.

Important: Do not combine Renown with DiPel[®], Latron B-1956[®], or crop oils, horticultural oils or adjuvants containing xylene such as Latron AG-98[®] as phytotoxicity may result.

TURF DIRECTIONS FOR APPLICATION

TURF

[Moved]

Proper adjustments and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

[Moved]

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

[Moved]

Apply Renown in an adequate amount of water to provide complete coverage. This amount may vary from ~~90 to 450~~ 50 to 90 gallons per acre. Under severe disease conditions use the highest rate and shortest interval corresponding with the application schedule selected from the table below.

[Moved]

When used according to label directions, Renown will deliver the appropriate amount of both azoxystrobin and chlorothalonil to provide control of listed diseases.

Turf Restrictions and Precautions:

[Moved]

- **ONLY FOR USE ON:** turf on golf courses, sod farms, and lawns around commercial and industrial buildings, and professional and collegiate athletic fields.

[Moved]

- **DO NOT** use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (i.e., elementary, middle and high schools), campgrounds, churches, and theme parks.
- DO NOT apply Renown aerially.

[Moved]

- **DO NOT** apply Renown through any type of ultra low volume (ULV) spray system.
- Sod Farms: **DO NOT** use for sod farms apply at application rates greater than 13 pounds of chlorothalonil (2.7 gallons of Renown) per acre per year.

[Moved]

- ~~Agricultural Use Sites Only (Sod Farms): This product~~ Renown must not be applied within 25 feet for ground applications of marine/estuarine water bodies unless there is an untreated buffer area of that width between the area to be treated and the water body.

[Moved]

- Sod farm turf treated with Renown prior to harvest must be mechanically cut, rolled, and harvested.
- DO NOT graze or feed clippings from treated turf areas to animals. Crops (turf) in this label may be planted immediately after last treatment. Do not plant other crops within 45 days after last application.
- DO NOT apply more than two sequential applications of Renown for control of anthracnose and gray leaf spot. For all other diseases, do not apply more than three sequential applications.

[Moved]

- DO NOT use Renown on fine fescue turf due to the potential for phytotoxicity or turfgrass injury.

[Moved]

- DO NOT mow or water after treatment until spray deposited on turfgrass is thoroughly dry; Renown should always be used in conjunction with good turf management practices.
- For rates **up to and including** 4.5 fl. oz./1,000 sq. ft. (~~45~~12.25 pts./acre),
 - The minimum re-treatment interval is 7 days.
- Maximum single application rate of Renown: 4.5 fl. oz. /1,000 sq. ft (~~10~~2.25 pts./acre).
- Maximum amount of Renown per growing season:

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	Fl. oz./ 1,000 sq. ft.	Pints/A	Lbs. a.i./A Azoxystrobin	Lbs. a.i./A Chlorothalonil
Greens	44.35	1201	4.89	73
Tees	31.6	86	3.45	52
Sod Farms	7.9	21.5	0.859	13
Golf fairways and roughs; Lawns around commercial and industrial buildings; and collegiate and professional athletic fields All Other Turf Sites Listed under "General Precautions and Restrictions"	15.8	43	1.7	26

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DIRECTIONS FOR APPLICATION FOR TURF DISEASES

Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
Anthracnose (<i>Colletotrichum cereale</i>) (formerly known as <i>C. graminicola</i>)	2.5	7-10	Use preventively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development. Do not exceed 14 day spray interval on greens and tees.
	4.5	14-21	
Brown Patch (<i>Rhizoctonia solani</i>) and other Rhizoctonia (<i>R. spp.</i>) diseases such as Large Patch, Zoysia Patch, Leaf & Sheath Spot (<i>R. zeae</i>)	2.5	14	For brown patch, apply when conditions are favorable for disease development. 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 For Zoysia patch, make 1 or 2 applications approximately one month prior to zoysiagrass dormancy. Reapply 14 to 28 days later. For Leaf & Sheath spot (<i>R. zeae</i>), apply when conditions are favorable for infection (such as sequential days, periods of temperatures at or above 90F). Curative control may necessitate several applications. Target the spray applications at crown of turfgrass.
	4.5	14-21	
Cool Weather Brown Patch, Yellow Patch (<i>Rhizoctonia cerealis</i>)	2.5-4.5	14-28	Make 1 or 2 applications in fall or when conditions are favorable for disease development.
Copper Spot (<i>Gloeocercospora sorghi</i>)	2.5	14	Apply when conditions are favorable for disease development.
Dollar Spot (<i>Sclerotinia homoeocarpa</i>)	2.5-4.5	7-14	
Microdochium Patch (Formerly know as Fusarium Patch) (<i>Microdochium nivale</i>)	2.5-4.5	14-21	Use preventively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development.
Gray Leaf Spot (<i>Pyricularia grisea</i>)	2.5-4.5	10-14	Use Renown in a preventive disease control program. Begin applications before disease is present and continue applications while conditions are favorable for disease development. Do not exceed 14 day spray interval.
Leaf Rust Stem Rust Stripe Rust (<i>Puccinia spp.</i>)	2.5-4.5	14-21	Apply when conditions are favorable for disease development.
Leaf Spot (<i>Bipolaris sorokiniana</i>)	2.5-4.5	14-21	
Melting Out (<i>Drechslera poae</i>)	2.5-4.5	14-21	
Pink Patch (<i>Limonomyces roseipellis</i>)	2.5-4.5	14-21	
Powdery Mildew (<i>Erysiphe graminis</i>)	2.5-4.5	14-21	

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Target Diseases	Use Rate (fl. oz. product per 1000 sq. ft.)	Application Interval (days)	Remarks*
Red Thread (<i>Laetisaria fuciformis</i>)	2.5-4.5	14-21	
Southern Blight (<i>Sclerotium rolfsii</i>)	2.5-4.5	14-21	
<u>Algae, Yellow Spot</u> (Cyanobacteria, blue- green algae)	<u>2.5-4.5</u>	<u>10-14</u>	

For prevention of algae on turf grasses, apply Renown on a 10 to 14 day schedule. When algae is well established, every attempt should be made to dry out the afflicted area. Once dry, spiking/aerification and/or verticutting should be done to enhance turfgrass recovery in conjunction with Renown. Re-application(s) may be necessary.

Renown Rate Comparison Table

Fl. oz./ 1,000 sq. ft.	Pints/A	Lbs. a.i./A azoxystrobin	Lbs. a.i./A chlorothalonil	Treated acres/ gal. product
2.5	6.8	0.27	4.1	1.2
4.5	12.25	0.49	7.3	0.65

- ~~Use of this product on home lawns (turf) is prohibited.~~
- ~~DO NOT use for sod farms at application rates greater than 13 pounds of chlorothalonil per acre per year.~~

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in a cool, dry place.

Pesticide Disposal

Pesticide wastes are 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 Disposal/Handling

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

Residue Removal

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 if allowed by state and local authorities by burning. If burned, stay out of smoke.

[Moved]

For minor spills, leaks, etc., follows 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 IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

Renown™, the Syngenta logo and the CP FRAME [icon] are trademarks of a Syngenta Group Company

Dipel® is a registered trademark of Valent BioSciences Corporation

Latron B-1956® and Latron AG-98® are trademarks of Dow AgroSciences LLC

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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, Inc.
P.O. Box 18300
Greensboro, North Carolina 27419-8300
www.syngenta-us.com

SCP 1315A-L

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NON-DETACHABLE CONTAINER LABEL

Renown™

Fungicide



For control of turf diseases

Active Ingredient:

Chlorothalonil (tetrachloroisophthalonitrile)*	45.0%
Azoxystrobin: methyl (E)-2-{2-[6-(2-cyanophenoxy) pyrimidin-4-yloxy]phenyl}-3-methoxyacrylate**	3.0%
Other Ingredients:	52.0%
Total:	100.0%

* CAS No. 1897-45-6

**CAS No. 131860-33-8

Renown contains 4.84 pounds active ingredient of chlorothalonil per gallon (580.0 grams per liter) and 0.32 pounds active ingredient of azoxystrobin per gallon (38.7 grams per liter)

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

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

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.

EPA Reg. No. 100-1315

EPA Est. 50534-TX-001

SCP 1315A-L

2.5 gallons
Net Contents

20
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FIRST AID	
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 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 eye. • Call a poison control center or doctor for treatment advice.
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 do so by a 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.
NOTE TO PHYSICIAN	
Persons suffering with temporary allergic skin reactions may respond to treatment with oral antihistamines and topical or oral steroids.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER	
For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING/AVISO

May be fatal if inhaled. Do not breathe vapor or spray mist. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eye wear (goggles, face shield, or safety glasses). Harmful if swallowed or absorbed through skin. Avoid contact with skin, eyes, or clothing. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap

and water after handling and before eating, drinking, chewing gum, ~~or~~ using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Environmental Hazards

This pesticide product is toxic to freshwater and estuarine/marine fish, aquatic invertebrates and wildlife.

Chlorothalonil, an active ingredient in Renown, is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Azoxystrobin, the other active ingredient in Renown, 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 groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Renown can contaminate surface water through spray drift. Under some conditions, it may have high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas over-laying extremely shallow groundwater, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas over-laying tile drainage systems that drain to surface water.

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.

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.

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Pesticide Disposal

Pesticide wastes are 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 instruction, 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 Disposal/Handling

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available.

Residue Removal

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 ¼ 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 if allowed by state and local authorities by burning. If burned, stay out of smoke.

[Moved]

For minor spills, leaks, etc., follows 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 IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

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Manufactured for:
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