



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 10, 2022

Ricky Kyaw
Regulatory Product Manager
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, NC 27419

Subject: Registration Review Label Mitigation for Fludioxonil
Product Name: Instrata
EPA Registration Number: 100-1231
Application Dates: 2/1/2019
Decision Numbers: 561346

Dear Mr. Kyaw:

The Agency, in accordance with the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Fludioxonil Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

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 the Federal Insecticide Fungicide and Rodenticide Act 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) list 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.

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 12 months from the date of this letter. After 12 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.

Page 2 of 2
EPA Reg. No. 100-1231
Decision No. 561346

If you have any questions about this letter, please contact Darius Stanton by phone at 202-566-2332, or via email at Stanton.darius@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Linda Arrington".

Linda Arrington, Branch Chief
Risk Management and Implementation Branch 4
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

[Insert SuperWeatherStik® logo]

[Master]

Instrata®

CHLOROTHALONIL	GROUP	M05	FUNGICIDE
PROPICONAZOLE	GROUP	3	FUNGICIDE
FLUDIOXONIL	GROUP	12	FUNGICIDE

Fungicide

For control of turf diseases

Active Ingredients:

Chlorothalonil (tetrachloroisophthalonitrile) (CAS No. 1897-45-6).....	29.9%
Propiconazole (CAS No. 60207-90-1)	4.7%
Fludioxonil (CAS No. 131341-86-1)	1.2%
<i>Other Ingredients:</i>	64.2%
<i>Total:</i>	100.0%

Instrata is formulated as a suspo-emulsion and contains 0.121 pounds fludioxonil per gallon (14.50 grams per liter), 0.47 pounds propiconazole per gallon (56.32 grams per liter), and 3.0 pounds chlorothalonil per gallon (359.51 grams per liter).

KEEP OUT OF REACH OF CHILDREN.

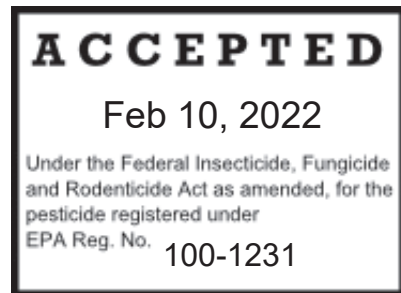
CAUTION

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1231

EPA Est.

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 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 a poison control center or doctor.• Do not give anything to an unconscious person.
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.
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

CAUTION

Harmful if inhaled. Harmful if swallowed. Avoid contact with skin. Causes moderate eye irritation. Avoid contact with eyes or clothing. Avoid breathing spray mist. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE)

Mixers, loaders, applicators and all other handlers who handle this pesticide for any use must wear:

- long-sleeved shirt and long pants
- chemical-resistant gloves made of any waterproof material
- shoes plus socks
- protective eyewear

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.

Engineering Controls Statement

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

User Safety Recommendations: Users should:

- 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 product is toxic to aquatic invertebrates, fish, oysters and shrimp, and wildlife. **DO NOT** apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

Groundwater Advisory

This chemical 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.

Surface Water Advisory

This chemical can contaminate surface water through spray drift. Under some conditions, it may also have a 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 overlaying extremely shallow ground water, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, and areas overlaying tile drainage systems that drain to surface water.

Attention: This product contains a chemical known to the State of California to cause cancer.

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 the 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.

DIRECTIONS FOR USE

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

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

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

For use to control diseases on turf on sod farms.

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, including plants, soil, or water, is:

- long-sleeved shirt and long pants
- chemical-resistant gloves made of any waterproof material
- shoes plus socks
- protective eyewear

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, including 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

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 enter or allow entry into treatment area until area that was treated with Instrata is dry.

PRODUCT INFORMATION

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

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 (e.g., elementary, middle and high schools), campgrounds, churches and theme parks.

Do not apply more than 7 gallons of Instrata per acre per year (20.5 oz per 1,000 sq ft per year) in Nassau and Suffolk Counties of New York.

Instrata is an excellent disease control agent when used according to label directions for control of a broad spectrum of plant diseases. Instrata 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.

INTEGRATED PEST (DISEASE) MANAGEMENT

Integrate Instrata into an overall disease and pest management strategy whenever the use of a fungicide is required. Follow cultural practices known to reduce disease development. Consult your local turf authority for IPM strategies established for your area. Instrata 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

CHLOROTHALONIL	GROUP	M05	FUNGICIDE
PROPICONAZOLE	GROUP	3	FUNGICIDE
FLUDIOXONIL	GROUP	12	FUNGICIDE

For resistance management, please note that Instrata contains a Group M05/[chlorothalonil], a Group 3/[propiconazole], and a Group 12/[fludioxonil] fungicide. Any fungal population may contain individuals naturally resistant to Instrata and other Group M05, Group 3, or Group 12 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.

INTEGRATED PEST MANAGEMENT (IPM)

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

- Rotate the use of Instrata or other Group M05, Group 3, or Group 12 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicides 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 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 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.

MIXING INSTRUCTIONS AND SPRAY EQUIPMENT

MIXING INSTRUCTIONS

Do not combine Instrata 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 Instrata with Dipel®, Latron B-1956® or Latron AG-98®, Aliette® Signature™, Chipco® Signature™, horticultural oil, and products containing xylene as phytotoxicity may result from the combination when applied to some species on this label.

Slowly add the required amount of Instrata into the spray tank during filling. With concentrate sprays, pre-mix the required amount of Instrata 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.

When tank mixing other products with Instrata, follow the proper sequence of adding products to the spray tank. Add wettable powders or water dispersible granules to the water in the tank first, followed by flowable products including Instrata, and emulsifiable concentrates added last. Provide sufficient mechanical or bypass agitation during mixing and application.

When tank mixing, observe all directions, precautions, and limitations on labeling of all products used. Consult compatibility charts or your local or state agricultural authorities for compatibility information. It is impossible to test every species and variety of plants under all conditions.

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.

SPRAY EQUIPMENT

Instrata may be used with most types of spray equipment commonly used for making ground applications. Proper adjustments and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

Do not apply Instrata through any type of ultra low volume (ULV) spray system (less than 3 gal/A).

Do not apply Instrata by air.

APPLICATION INSTRUCTIONS

Always use Instrata in conjunction with good turf management practices.

Apply Instrata in a minimum of 90 gallons of water per acre for golf course tees and greens.

Apply Instrata in a minimum of 30 to 40 gallons of water per acre for golf course fairways and roughs; lawns around commercial and industrial buildings; professional and collegiate athletic fields; and sod farms.

Spray Drift Management

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

IMPORTANCE OF DROPLET SIZE

The most 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 unfavorable environmental conditions.

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 a 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.

BOOM HEIGHT – Ground Boom

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

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.

TEMPERATURE AND HUMIDITY

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

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.

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.

Boom-less Ground Applications

Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.

Handheld Technology Applications

Take precautions to minimize spray drift.

Sensitive Areas

Only apply the pesticide when the potential for drift to adjacent sensitive areas (e.g., residential areas, bodies of water, known habitat for threatened or endangered species, nontarget crops) is minimal (i.e., when wind is blowing away from the sensitive areas).

Agricultural Use Sites Only (sod farms): **Do not** apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, or commercial fish farm ponds.

SPECIFIC USE DIRECTIONS FOR TURFGRASS DISEASE CONTROL

USE RESTRICTIONS

- **This product is classified as restricted use in New York State.**
- **Do not apply more than 7 gallons of Instrata per acre per year (20.5 oz/1000 sq ft per year) in Nassau and Suffolk Counties of New York.**
- **Do not** apply Instrata through any type of ultra low volume (ULV) spray system (less than 3 gal/A).
- **Do not** apply Instrata by air.
- **Do not use on home lawns and turf sites associated with daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (e.g., elementary, middle and high schools), campgrounds, churches and theme parks.**
- Agricultural Use Sites Only (sod farms): **Do not** apply within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, or commercial fish farm ponds.
- **Do not** use Instrata on fine fescue turf due to the potential for phytotoxicity or turfgrass injury.
- **Do not** mow or water after treatment until spray deposited on turfgrass is thoroughly dry.
- Sod farm turf treated with Instrata prior to harvest must be mechanically cut, rolled and harvested.
- **Retreatment (Spray) Intervals:**

The minimum retreatment interval for Instrata applications is 14 days.

- **Maximum Instrata Rates per Growing Year (Golf Course Greens, Tees, Fairways and Roughs; Lawns around Commercial and Industrial Buildings; Collegiate and Professional Sports Turf):**
 - **Golf Course Greens:**

- **Do not** apply more than 15.0 gallons of Instrata per acre (44.0 fl oz Instrata per 1000 sq ft) per year.
- **Do not** apply more than two applications per year at rates greater than 7.0 fl oz of Instrata per 1000 sq ft
- Additional applications of Instrata at rates of 7.0 fl oz or less per 1000 sq ft may be applied; however, **do not** exceed the maximum yearly rate of Instrata.
- **Golf Course Tees:**
 - **Do not** apply more than 15.0 gallons of Instrata per acre (44.0 fl oz Instrata per 1000 sq ft) per year.
 - **Do not** apply more than two applications per year at rates greater than 7.0 fl oz of Instrata per 1000 sq ft.
 - Additional applications of Instrata at rates of 7.0 fl oz or less per 1000 sq ft may be applied; however, **do not** exceed the maximum year rate of Instrata.
- **Golf Course Fairways and Roughs; Lawns around Commercial and Industrial Buildings; Collegiate and professional Sports Turf:**
 - **Do not** apply more than 8.6 gallons of Instrata per acre (25.3 fl oz Instrata per 1000 sq ft) per year.
 - **Do not** apply more than one application per year at rates greater than 7.0 fl oz of Instrata per 1000 sq ft.
 - Additional applications of Instrata at rates of 7.0 fl oz or less per 1000 sq ft may be applied; however, **do not** exceed the maximum year rate of Instrata.
- **Maximum Yearly (Annual) Instrata Rate for Sod Farms**
 - **Do not** apply more than 4.3 gallons of Instrata per acre (12.6 fl oz Instrata per 1000 sq ft) per year.
 - **Do not** apply more than one application per year at rates greater than 7.0 fl oz of Instrata per 1000 sq ft.
 - Additional applications of Instrata at rates of 7.0 fl oz or less per 1000 sq ft may be applied; however, **do not** exceed the maximum yearly rate of Instrata.
 - **Do not** apply more than 13.0 lb ai/A/year of chlorothalonil-containing products.
 - **Do not** apply more than 2.12 lb ai/A/year of fludioxonil-containing products.
 - **Do not** apply more than 7.0 lb ai/A/year of propiconazole-containing products.

DISEASE CONTROL

Always use Instrata in conjunction with good turf management practices.

Apply Instrata in a minimum of 90 gallons of water per acre for tees and greens and 30 to 40 gallons of water per acre for all other turf including golf course fairways, sod farms, lawns (around institutional, public, commercial, and industrial buildings), other turfgrasses (parks, recreational areas and athletic fields) and ornamental turfgrasses.

Begin applications when conditions favor disease development and repeat applications within the limits set forth in this label for as long as these conditions persist. Under severe disease conditions, use the highest rate and shortest interval corresponding with the application schedule selected from the table below.

Disease Table

Disease	Application Interval/Timing	Fl oz per 1000 sq ft	Application Instructions
Anthracnose (<i>Colletotrichum graminicola</i>) (<i>Colletotrichum cereale</i>)	14-28 days	2.75-6.0	Use preventively. Begin applications when conditions are favorable for disease infection, prior to disease symptom development. Under high disease pressure, use higher rates of Instrata and shorter intervals.
Brown Patch (<i>Rhizoctonia solani</i>) (<i>R. Rhizoctonia zeae</i>) <i>R. cerealis</i>	14-21 days	2.75-6.0	Begin applications prior to disease development. Under conditions of high temperatures and high humidity, use higher rates of Instrata and lower intervals.
Dollar Spot (<i>Sclerotinia homeocarpa</i>) (<i>Lanzia</i> spp.) (<i>Moellerodiscus</i> spp.)	21-28 days	2.75-7.0	Apply when conditions are favorable for disease development.
Gray Leaf Spot (<i>Pyricularia grisea</i>) (<i>Pyricularia oryzae</i>)	14 days	2.75-6.0	Apply when conditions are favorable for disease development.
Gray Snow Mold (<i>Typhula</i> spp.)	14-28 days	5.0-11.0	Apply application in a minimum of 2 gallons of carrier per 1000 sq ft in late fall before snow cover. Do not apply on top of snow. Teas and Greens: If snow cover is intermittent or lacking during the winter, a second application can be made.
Leaf Spot, Melting-Out, Brown Blight (<i>Drechslera</i> spp., including <i>D. poae</i> , <i>D. siccans</i>) (<i>Bipolaris sorokiniana</i>) (<i>Curvularia</i> spp.)	14-21 days	2.75-6.0	Apply when conditions are favorable for disease development.
Pink Snow Mold Fusarium Patch (<i>Microdochium nivale</i>)	14-28 days	5.0-11.0	Apply application in a minimum of 2 gallons of carrier per 1000 sq ft late fall before snow cover. Do not apply on top of snow. For regions without snowfall, apply application in late fall. Teas and Greens: If conditions are favorable for <i>Fusarium</i> , a second application can be made.
Red Thread	14-21 days	2.75-6.0	Apply when conditions are

Disease	Application Interval/Timing	FI oz per 1000 sq ft	Application Instructions
<i>(Laetisaria fuciformis)</i>			favorable for disease development.
Stem Rust <i>(Puccinia graminis)</i>	14-28 days	2.75-6.0	Apply when conditions are favorable for disease development.
Summer Patch <i>(Magnaporthe poae)</i>	14 days	6.0	Apply when conditions are favorable for disease development.
	28 days	11	Apply the 6.0 oz/1000 sq ft rate on a 14-day schedule and the 11.0 oz/1000 sq.ft rate on a 28-day schedule.
Yellow Patch <i>(Rhizoctonia cerealis)</i>	Late Fall	8.0-11.0	Apply when conditions are favorable for disease development. Tees and Greens: If conditions are favorable for Yellow Patch, a second application can be made. Fairways and Roughs: Only one application in this rate range can be made per year. Do not apply on top of snow.

Conversion Chart for Application Rates

FI oz product/ 1000 sq ft	FI oz product/ acre	Lb ai propiconazole/ acre	Lb ai fludioxonil/ acre	Lb ai chlorothalonil/ acre
2.75	120.0	0.44	0.11	2.8
3.0	131.0	0.48	0.12	3.1
4.0	174.0	0.64	0.16	4.1
5.0	218.0	0.80	0.21	5.1
6.0	261.0	0.96	0.25	6.1
7.0	305.0	1.1	0.29	7.1
8.0	348.0	1.3	0.33	8.2
9.0	392.0	1.4	0.37	9.2
10.0	436.0	1.6	0.41	10.2
11.0	479.0	1.8	0.45	11.2

STORAGE AND DISPOSAL

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

Pesticide Storage

Store in original containers only. Keep container closed when not in use. **Do not** store below -10°C. **Do not** store near food or feed. In case of spill on floor or paved surfaces, mop and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

Pesticide Disposal

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

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.

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.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

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

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