



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505C)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Reg. Number:

100-1231

Date of Issuance:

NOV 30 2005

NOTICE OF PESTICIDE:

x Registration
Reregistration
(under FIFRA, as amended)

Term of Issuance: Conditional

Name of Pesticide Product:

Instrata

Name and Address of Registrant (include ZIP Code):

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

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

- 1. Submit and/or cite all data required for registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for re-registration of your product under FIFRA Section 4.
2. You must submit the following conditional data listed below, before the due date of December 30, 2006:
A. Submit a storage and stability study (830.6317) and corrosion characteristics study (830.6320).
3. You must submit two copies of a final printed label within 30 days from the date of this notice which makes the following changes:
A. Revise the EPA Registration Number to read, "EPA Reg. No. 100-1231" to your label before you release the product for shipment.

Signature of Approving Official:

Date:

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

Tony Kish (handwritten signature)

NOV 30 2005

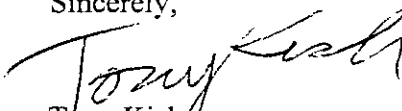
2/15

- B. Under the section "Precautionary Statements" include: "Harmful if swallowed. Avoid contact with skin. Wear long-sleeved shirt and long pants, socks, shoes, protective eyewear and gloves.
- C. Add the following to the First Aid statement: If swallowed.
- D. Under "Personal Protective Equipment" and "Agricultural Use Requirements" insert: "• Protective Eyewear" as an item that must be worn by Mixers, loaders, applicators and all other handlers.
- E. Beneath "Storage and Disposal", an entry for "Pesticide Storage" must appear above "Pesticide Disposal" with appropriate guidance.
- F. The signal word "Caution" must appear more prominently on the label, thus increase the font size and type "CAUTION" in all capital letters.
- G. Under the section "Conditions of Sale and Limitation of Warranty..." revise statements beginning with: "In no event shall Syngenta or Seller..." and "All such risks shall be assumed by Buyer and User... to read: "To the extent permitted by law...". As currently written the statement negates and/or detracts from labeling requirements as set forth by the Agency in 40 CFR Part 156, and is, therefore, considered misbranding."

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

A copy of the label stamped "Accepted with comments" is enclosed for your records.

Sincerely,



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

Enclosure

Instrata



GROUP 3 12 M FUNGICIDES

Turf and Ornamental Fungicide

Active Ingredient:

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%
Other Ingredients:	64.2%
Total	100.0%

Contains 0.121 pounds fludioxonil per gallon (14.52 grams per liter)
 Contains 0.47 pounds propiconazole per gallon (56.87 grams per liter)
 Contains 3.0 pounds chlorothalonil per gallon (361.79 grams per liter)

EPA Reg. No. 100-

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN.

Caution

See additional precautionary statements and directions for use inside booklet.

SCP

**ACCEPTED
with COMMENTS
In EPA Letter Dated:
NOV 30 2005**

*Under the Federal Insecticide
Fungicide and Rodenticide Act
as amended, for the purpose
of the registration of this
product, the following
information is required:*

100-1831

4/15

FIRST AID	
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 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.
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. 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, or using tobacco. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

Personal Protective Equipment (PPE) WPS Uses

Mixers, loaders, applicators and all other handlers who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170) – in general, agricultural plant uses are covered – 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, use detergent and hot water. Keep and wash PPE separately from other laundry.

Non-WPS Uses

Mixers, loaders, applicators and all other handlers who handle this pesticide for any use NOT covered by the Worker Protection Standard (40 CFR Part 170) – in general, only agricultural plant uses are covered – 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

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:

- 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 product is toxic to aquatic invertebrates, fish 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 wash water or rinsate.

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.

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 over-laying 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 over-laying tile drainage systems that drain to surface water.

715

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 should 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. All such risks shall be assumed by Buyer and User, and 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. This warranty does not extend to the use of the product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and Buyer and User assume the risk of any such use. SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

In no event shall SYNGENTA or Seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **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 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 24 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 such as polyvinyl chloride, nitrile rubber or butyl rubber
- shoes plus socks.

9/15

NON-AGRICULTURAL USES

For use to control diseases on turf on golf courses, lawns around institutional, public, commercial and industrial buildings, parks, recreational areas and athletic fields.

NOTE: Use of this product on home lawns is prohibited.

NONAGRICULTURAL 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.

STORAGE AND DISPOSAL

DO NOT contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

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 Disposal

Do not reuse empty container. Triple rinse (or equivalent), then offer for recycling or reconditioning, 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.

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.

19/15

GENERAL INFORMATION

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

Instrata should be integrated into an overall disease and pest management strategy whenever the use of a fungicide is required. Cultural practices known to reduce disease development should be followed. 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

GROUP 3 12 M FUNGICIDES

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

SPRAYING/MIXING

Instrata may be used with most types of spray equipment commonly used for making ground applications. Do not apply Instrata through any type of ultra low volume (ULV) spray system (less than 3 gals./A) Do not apply Instrata by air. Proper adjustments and calibration of spraying equipment to give good canopy penetration and coverage is essential for good disease control.

GENERAL PRECAUTIONS AND RESTRICTIONS

Use of this product on home lawns (turf) is prohibited.

Agricultural Use Sites Only (sodfarms): This product must not be applied within 25 feet 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.

11/15

Do not apply Instrata by air.

Spray Drift Precautions

Avoiding spray drift at the application site is the responsibility of the applicator. 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.

Sensitive Areas

The pesticide should only be applied 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 (e.g., when wind is blowing away from the sensitive areas).

APPLICATION INSTRUCTIONS

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.

The required amount of Instrata should be added slowly 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. Wettable powders or water dispersible granules should be added to the water in the tank first, followed by flowable products such as 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.

DIRECTIONS FOR APPLICATION

Turf

12/15

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, sodfarms, 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	Application Interval/Timing	Fl. Oz. per 1000 Sq. Ft.	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	2.75-6.0	Apply when conditions are favorable for disease development.
Gray Leafspot (<i>Pyricularia grisea</i>) (<i>Pyricularia oryzae</i>)	10-14 days	2.75-6.0	Apply when conditions are favorable for disease development.
Gray Snow Mold ^a (<i>Typhula</i> spp.)	Late Fall ^b	5.0-11.0	Apply one to two applications in late fall before snow cover. Do not apply on top of snow.
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.)	10-21 days	2.75-6.0	Apply when conditions are favorable for disease development.
Pink Snow Mold ^a Fusarium Patch (<i>Microdochium nivale</i>)	Late Fall ^c	5.0-11.0	Apply one to two applications in late fall before snow cover. Do not apply on top of snow. For regions without snowfall, apply one to two applications in late fall.
Red Thread (<i>Laetisaria fuciformis</i>)	14-21 days	2.75-6.0	Apply when conditions are favorable for disease development.

Disease	Application Interval/Timing	Fl. Oz. per 1000 Sq. Ft.	Instructions
Stem Rust (<i>Puccinia graminis</i>)	14-28 days	2.75-6.0	Apply when conditions are favorable for disease development.

Disease	Application Interval/Timing	Fl. Oz. per 1000 Sq. Ft.	Instructions
Summer Patch (<i>Magnaporthe poae</i>)	14 days 28 days	6.0 - 11.0	Apply when conditions are favorable for disease development. 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 one application in late fall before snow cover. Do not apply on top of snow. For regions without snowfall, apply one application in late fall.

^a Apply before snow cover in autumn in a minimum of 2 gallons of carrier per 1,000 sq. ft.

^b *Tees and Greens*: If snow cover is intermittent or lacking during the winter, you may make a second application.

^c *Tees and Greens*: If conditions are favorable for *Fusarium*, you may make a second application.

Conversion Chart for Turf Rates

Fl. oz. Product/ 1000 sq ft	Fl. Oz. Product/ acre	Lbs. ai propiconazole/ acre	Lbs. ai fludioxonil/ acre	Lbs. 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

M/15

Turf Restrictions

- For rates **up to and including** 7.0 ozs./1000 sq. ft.
 - The minimum re-treatment interval is 7 days.
- For rates greater than 7.0 ozs./1000 sq. ft.
 - The minimum re-treatment interval is 14 days.
 - Limit of two applications per year on Tees and Greens.
 - Limit of one application per year on All Other Turf.
- Maximum single application rate of Instrata: 11.0 ozs./1000 sq. ft.
- Maximum amount of Instrata per growing season:

	Gal./Acre	Oz./1000 Sq. ft.	Lbs. Chlorothalonil/A
Greens	24.4	71.5	73
Tees	17.3	51.0	52
All Other Turf	8.67	25.5	26

- 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.
- Use of this product on home lawns (turf) is prohibited.
- Sod farm turf treated with Instrata prior to harvest must be mechanically cut, rolled and harvested.

Daconil[®], Daconil Ultrex[®], Turf Care[®], Super WeatherStik[™], Banner MAXX[®], Heritage[®], and Medallion[®] are trademarks of a Syngenta Group Company

Aliette[®] and Chipco[®] are registered trademarks of Bayer

Signature[™] is a trademark of Bayer

Dipel[®] is a registered trademark of Valent BioSciences Corporation

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

For non-emergency (e.g., current product information) call
Syngenta Crop Protection at 1-800-334-9481.

Syngenta Crop Protection, Inc.
Greensboro, North Carolina 27409
www.syngenta-us.com

SCP 100-X XXX XXXX

Instrata DFU's 3-2-05

000100-xxxxx.20050317.Instrata.doc
000100-xxxxx.20050317.Instrata.pdf