

CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Instrata[®]

Turf Fungicide

syngenta[®]

ACTIVE CONSTITUENTS: 362 g/L CHLOROTHALONIL
57 g/L PROPICONAZOLE
14.5 g/L FLUDIOXONIL

GROUP **3** | **M5** | **12** FUNGICIDE

For the broad spectrum control of various diseases of turf as per the Directions for Use

10 LITRES

Syngenta Crop Protection Pty Limited
Level 1, 2-4 Lyonpark Road, Macquarie Park NSW 2113

In a transport emergency dial 000, Police or Fire Brigade
For specialist advice in an emergency only, call 1800 033 111 (24 hours)

APVMA Approval No: 64480/48471

TM

DIRECTIONS FOR USE

Restrains

DO NOT apply by aerial application methods
DO NOT use this product through any type of irrigation system or ultra low volume spray system
DO NOT apply to turf under heat or moisture stress
DO NOT apply if heavy rain has been forecast within 48 hours
DO NOT apply to waterlogged soil
DO NOT irrigate turf to point of runoff within 3 days of application
DO NOT apply to turf that is not well established
DO NOT apply more than 1 application per year on couch varieties C29, Greenlees Park, National Park, Tifway, Sportsway and Wagga City

Situation	Disease	Rate	Critical Comments
Bowling greens, Golf courses	Anthracnose (<i>Colletotrichum graminicola</i>), Brown Patch (<i>Rhizoctonia solani</i>), Dollar Spot (<i>Sclerotinia homeocarpa</i>), Helminthosporium Disease (<i>Bipolaris</i> spp, <i>Drechslera</i> spp, <i>Exserohilum</i> spp), Winter Fusarium or Microdochium Patch (<i>Microdochium nivale</i>)	18 L/ha	Apply INSTRATA in a preventative fungicide program containing fungicides from different chemical groups. Begin applications before symptoms occur when conditions first favour disease and continue applications while conditions remain favourable for disease development using registered fungicides. Apply INSTRATA at 28 day intervals.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION

WITHHOLDING PERIOD: DO NOT GRAZE TREATED TURF/LAWN OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK

GENERAL INSTRUCTIONS

Mixing

Add the required amount of product directly to the spray tank and mix well. INSTRATA is a suspo-emulsion (SE) with minimal odour. INSTRATA mixes completely with water and may be tank mixed with many commonly used fungicides and liquid fertilisers. INSTRATA has Weather Stik Technology that ensures excellent residual on leaf, stem and crown surface and a high degree of rainfastness

Compatibility

INSTRATA is compatible with Heritage MAXX[®] Turf Fungicide, Primo MAXX[®] Turf Growth Regulator and Subdue MAXX[®] Fungicide.

Application

Ensure even application in order to achieve even disease control. Avoid overlapping sprays.

Leaf and Crown Diseases: Application volume for leaf and crown infecting diseases (Anthracnose, Brown Patch, Dollar Spot, Helminthosporium diseases and Winter Fusarium) should be adequate to ensure thorough and even coverage of the turf leaves and penetration to the crowns. Ideal application volume should be 350 to 500 L/ha. Example: For best results use medium [eg XR TeeJet* (11004 or 10005)] to coarse [eg Turbo TeeJet* or AIXR TeeJet* (11004 or 11005)] nozzles, at 5 km/h and 3 bar pressure. In higher cut turf (≥15 mm) a significant spray shielding effect can occur, impacting negatively on spray penetration and even coverage at low application volumes.

Fungicide Resistance Warning

GROUP 3 M5 12 FUNGICIDE

INSTRATA Turf Fungicide is a combination of a DMI, a phenylpyrrole and a chloronitrile fungicide. For fungicide resistance management INSTRATA is a Group 3, 12 and M5 fungicide. Some naturally occurring individual fungi resistant to INSTRATA and other Group 3 and/or Group 12 and/or Group M5 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungal population if these fungicides are used repeatedly. These resistant fungi will not be controlled by INSTRATA or other Group 3 and/or Group 12 and/or Group M5 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Syngenta Crop Protection Pty Limited accepts no liability for any losses that may result from the failure of INSTRATA to control resistant fungi.

PRECAUTIONS

DO NOT apply this product by spraying equipment carried on the back of the user.

DO NOT carry out high exposure activities such as hand weeding in treated areas.

Re-entry Periods

Mowing: DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary, wear cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves.

Transplanting and Hand Weeding: DO NOT allow entry into treated areas for 24 days after application unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves. Clothing must be laundered after each day's use.

PROTECTION OF LIVESTOCK

DO NOT graze treated turf/lawn or feed turf/lawn clippings from any treated area to poultry or livestock.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

DO NOT apply if there are aquatic or wetland areas including aquacultural ponds within 200 metres downwind of the application area.

DO NOT contaminate streams, rivers or waterways with the product or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight. Triple or preferably pressure rinse containers before disposal. Add rinsings to spray tank. DO NOT dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush or puncture and deliver empty packaging for appropriate disposal to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots, in compliance with relevant Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

Harmful if inhaled or swallowed. Will irritate the eyes and skin. Avoid contact with eyes and skin.

Poisonous if inhaled. DO NOT inhale vapour or spray mist. Repeated exposure may cause allergic disorders.

When opening, preparing spray and using the prepared spray wear:

- cotton overalls over normal clothing, buttoned to the neck and wrist
- a washable hat
- elbow-length chemical resistant gloves
- face shield or goggles, disposable face mask covering mouth and nose.

If applying by hand, wear

- full face respirator with organic vapour/gas cartridge or canister.

If clothing becomes contaminated with product or wet with spray, remove clothing immediately. If product on skin, immediately wash area with soap and water. If product in eyes, wash it out immediately with water. Wash hands after use. After use and before eating, drinking or smoking, wash hands, arms and face thoroughly with soap and water. After each day's use wash gloves, face shield or goggles and contaminated clothing.

FIRST AID

If poisoning occurs contact a doctor or Poisons Information Centre. Phone 131 126. If swallowed, DO NOT induce vomiting. Give a glass of water.

MATERIAL SAFETY DATA SHEET

If additional hazard information is required, refer to the Material Safety Data Sheet. For a copy phone 1800 067 108 or visit our website at www.greencast.com.au or www.syngenta.com.au

MANUFACTURER'S WARRANTY AND EXCLUSION OF LIABILITY

Syngenta has no control over storage, handling and manner of use of this product. Where this material is not stored, handled or used correctly and in accordance with directions, no express or implied representations or warranties concerning this product (other than non-excludable statutory warranties) will apply. Syngenta accepts no liability for any loss or damage arising from incorrect storage, handling or use.

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