

# DANGER

## KEEP OUT OF REACH OF CHILDREN

The Syngenta logo is displayed in white lowercase letters on a dark green background. The word "syngenta" is followed by a registered trademark symbol (®).

syngenta®

**Active Ingredients:**

**INSTRATA contains 362 g/litre CHLOROTHALONIL, 57 g/litre PROPICONAZOLE and 14.5 g/litre FLUDIOXONIL in the form of a suspo-emulsion.**

GROUP	3	M5	12	FUNGICIDE
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For the broad spectrum control of various diseases of Turf as per the Directions for Use

*Approved pursuant to the HSNO Act 1996, Approval Code HSR100388  
See [www.epa.govt.nz](http://www.epa.govt.nz) for approval controls.*

**Syngenta Crop Protection Limited**  
*Tower 2, Level 7, 110 Symonds Street, Auckland*

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**PLEASE READ THE LABEL COMPLETELY BEFORE USE**

**This product MUST NOT be used for any purpose or in any manner contrary to the controls of this approval.**

**This product MUST be Tracked and controlled by an Approved Handler.**



**HSNO Classifications: 6.1B, 6.5B, 6.7B, 6.9A, 8.3A, 9.1A, 9.2B, 9.3B**

**DANGER**

May be fatal if inhaled.  
 May cause sensitisation from prolonged skin contact.  
 Suspected of causing cancer.  
 May cause kidney damage from repeated oral exposure at high doses.  
 This product is corrosive and may cause eye damage.  
 Very toxic to aquatic organisms.  
 Toxic to the soil environment.  
 Toxic to terrestrial vertebrates.

**PRECAUTIONS**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood.  
 Store in original container, tightly closed, away from foodstuffs. Store locked up in a cool, dry area and avoid storage for prolonged periods in direct sunlight.  
 Avoid contact with skin and eyes, and inhalation of spray mist.  
 When mixing or applying wear protective clothing, including overalls, impervious gloves, face shield, appropriate respirator and footwear.  
 If clothing becomes contaminated with product, remove clothing immediately. Wash protective clothing daily after work, contaminated work clothing should not be allowed out of the workplace.  
 DO NOT eat, drink or smoke while using.  
 Wash hands and face before eating, drinking or smoking and after work.  
 Apply with well maintained and calibrated spray equipment.  
 DO NOT re-enter site until spray has dried.  
 Tracking records MUST be kept.  
 Application, storage and tracking records should be as described in the Management of Agrichemicals NZS8409.  
 DO NOT carry on a passenger service vehicle.  
 Avoid contamination of any water supply with chemical or empty container. DO NOT apply into or onto water.

**Container disposal:** Ensure the container is empty. Triple rinse the container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, [www.agrecovery.co.nz](http://www.agrecovery.co.nz)). Otherwise crush and bury in a suitable landfill. DO NOT reuse this container for any other purpose.

**Product disposal:** Dispose of this product only by using according to the label, at an approved landfill or other approved facility.

**FIRST AID**

If SWALLOWED, DO NOT induce vomiting. Rinse Mouth.  
 If SKIN or HAIR contact occurs, remove contaminated clothing and flush skin and hair with running water. DO NOT scrub the skin. If skin irritation or rash occurs get medical advice  
 If splashed in the EYES, wash out immediately with water. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor  
 If INHALED, move the victim to fresh air immediately and keep at rest in a position comfortable for breathing.

Begin artificial respiration if breathing has stopped. Use mouth to nose rather than mouth to mouth. Obtain medical attention. Take to hospital without delay.  
For advice, contact the National Poisons Centre 0800 POISON (0800 764 766) or a doctor. If medical advice is needed, have product container or label at hand.

### SPILLAGE

Wear suitable protective clothing including face shield, impervious gloves and boots. Prevent the product or spilled material from entering water bodies. Absorb liquid spills with inert material such as earth or sand and place in waste containers. Wash area with water and absorb with further inert material. Dispose of safely.

### GENERAL INFORMATION

INSTRATA is a combination of three broad spectrum preventative fungicides with both systemic and contact properties recommended for the control of many important turfgrass diseases. INSTRATA may be applied as a foliar spray in alternating spray programs or in tank mixes with other approved turf protection products. All applications should be made according to the use directions that follow.

### 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

**Animal Grazing Restriction:** As INSTRATA contains minute quantities of HCB, a compound that can be taken up by grazing stock to give unacceptable residues in meat and milk, the following restrictions MUST be followed

DO NOT graze treated turf

DO NOT feed any treated turf to food producing animals

Situation	Disease	Rate	Critical Comments
Turf	Anthrachnose ( <i>Colletotrichum graminicola</i> ), Brown Patch ( <i>Rhizoctonia solani</i> ), Dollar Spot ( <i>Sclerotinia homeocarpa</i> ), Fusarium Patch ( <i>Microdochium nivale</i> ), Leaf Spot and Melting Out ( <i>Bipolaris</i> spp., <i>Drechslera</i> spp, <i>Curvularia</i> spp), Red Thread ( <i>Laetisaria fuciformis</i> ), Rusts ( <i>Puccinia</i> spp.)	18 L/ha	Apply INSTRATA as a preventative fungicide program. Begin applications before symptoms occur when conditions first favour disease and continue applications while conditions remain favourable for disease development using approved fungicides. Apply no more than 2 applications of INSTRATA per season, at a 28-day interval.

### EQUIPMENT

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

DO NOT make aerial applications.

**Leaf and Crown Diseases:** Application volume for leaf and crown infecting diseases should be adequate to ensure thorough and even coverage of the turf leaves and penetration to the crowns. Total application volume should be 300 to 500 L/ha. Use coarse droplets (eg Air Induction flat fan 025 to 04 nozzles). In higher cut turf ( $\geq 15$  mm) a significant spray shielding effect can occur, impacting negatively on spray penetration and even coverage at low application volumes.

### COMPATIBILITY

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 rain fastness

**RE-ENTRY PERIODS**

DO NOT allow entry into treated areas until the spray has dried. When prior entry is necessary, wear chemical resistant gloves and footwear.

**RESISTANCE MANAGEMENT**

INSTRATA is a group 3, M5 and 12, it contains members of the DMI, phenylpyrrole and chloronitrile groups of fungicides. Resistance to this fungicide could develop from repeated use. To minimise this risk use strictly in accordance with label instructions and resistance management strategies. Since the occurrence of resistant fungi is difficult to detect prior to use, Syngenta Crop Protection Limited accepts no liability for any losses that may result from the failure of INSTRATA to control resistant fungi. Consult your local supplier, consultant, a Syngenta representative or New Zealand Plant Protection Society (Inc), [www.resistance.nzpps.org](http://www.resistance.nzpps.org) for alternate modes of action and the details of resistance management strategies for the crops listed on the label.

<b>GROUP</b>	<b>3</b>	<b>M5</b>	<b>12</b>	<b>FUNGICIDE</b>
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**STORAGE**

Store locked up in a cool dry place, avoiding temperatures below 5°C and above 35°C. DO NOT store for prolonged periods in direct sunlight. Avoid storage near foodstuffs and animal feedstuffs. Stores containing quantities of 100 litres or more require signage and secondary containment.

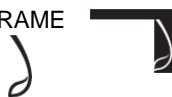
**SAFETY DATA SHEET**

If additional hazard or safety information is required, refer to the Safety Data Sheet. For a copy visit our website at [www.syngenta.co.nz](http://www.syngenta.co.nz)

**DISCLAIMER**

This product complies with the specifications in its statutory registration. Implied terms and warranties are excluded. Syngenta's liability for breach of the express or any non-excludable implied warranty is limited to product replacement or purchase price refund. The purchaser must determine suitability for intended purpose and take all proper precautions in the handling, storage and use of the product including those on the label and/or safety data sheet failing which Syngenta shall have no liability

Product names marked ® or ™, the ALLIANCE FRAME the SYNGENTA Logo and the PURPOSE ICON are Trademarks of a Syngenta Group Company



\* Trademark

Distributed by and registered to Syngenta Crop Protection Limited, Tower 2, Level 7, 110 Symonds Street, Auckland.

Bar code

Batch No:	
Date of Manufacture:	

AGRECOVERY logo

**UN-3082**  
**ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.**  
**(Contains: chlorothalonil and fludioxonil ) MARINE POLLUTANT**  
**PACKING GROUP III, HAZCHEM 2X**  
**CONTAIN SPILLAGE**



**In a transport emergency dial 111, Police or Fire Brigade.**  
**For specialist advice in an emergency only, call 0800 734 607 (24 hours).**