

WARNING

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Instrata[®] Elite

Turf fungicide

syngenta[®]

Active Ingredients:

INSTRATA[®] Elite contains 80.3 g/L DIFENOCONAZOLE and 80.3 g/L FLUDIOXONIL in the form of suspension concentrate.

GROUP 3 12 FUNGICIDE

A broad-spectrum fungicide for the control of various diseases in turf and lawns as per the Directions for Use.

Approved pursuant to the HSNO Act 1996, Approval Code HSR101610.
See www.epa.govt.nz for approval controls.

Syngenta Crop Protection Limited
Level 4, 60 Parnell Road, Parnell, Auckland, 1052



PLEASE READ THE LABEL COMPLETELY BEFORE USE

This product MUST NOT be used for any purpose or in any manner contrary to the controls and conditions of this registration.

Any person mixing, loading or handling this product MUST be a qualified loader or under the guidance of a qualified loader.

Any person applying this product MUST be a qualified contractor/person or under the guidance of a qualified contractor/person.

**GHS Classifications:**

Specific target organ toxicity (repeated exposure) Category 2

Hazardous to the aquatic environment chronic Category 1

WARNING:

May cause damage to organs through prolonged or repeated oral exposure at high doses.

Very toxic to aquatic life with long lasting effects.

PRECAUTIONS

Store in original container tightly closed, away from foodstuffs.

DO NOT eat, drink or smoke while using.

DO NOT breathe vapours or spray mist.

Avoid contact with skin or eyes and inhalation of spray mist.

Wear chemical resistant gloves, protective clothing and eye protection during handling and application.

Wash protective clothing after use and wash hands and face before eating, drinking or smoking and after work.

Apply with well maintained and calibrated spray equipment.

Records of use must be kept as per Clause 48 of the Hazardous Property Controls Notice 2017.

Application and storage 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 empty container and add rinsate to the spray tank. Recycle empty container through Agrecovery (0800 247 326, 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, or at an approved landfill or other approved facility. For additional information refer to EPA Notice: Hazardous Substances (Disposal) Notice 2017.

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 splashed in the EYES, wash out immediately with water.

If INHALED, remove the victim to fresh air 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.

Get medical advice or attention if you feel unwell.

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

Collect spillage. Wear suitable protective clothing including face shield, chemical resistant 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® Elite Turf Fungicide is a broad-spectrum fungicide with both contact and systemic properties for control of Microdochium Patch (*Microdochium nivale*), Dollar Spot (*Sclerotinia homoeocarpa*), Brown Patch (*Rhizoctonia solani*) and suppression of Red Thread (*Laetisaria fuciformis*) and Anthracnose (*Colletotrichum graminicola*) for use in turfgrass management and lawn situations.

RESISTANCE MANAGEMENT**GROUP 3 12 FUNGICIDE**

INSTRATA® Elite Turf Fungicide contains the active ingredients Difenoconazole, from the DMI (triazole) mode of action group (Group 3 Fungicide) and Fludioxonil from the phenylpyrrole mode of action group (Group 12 Fungicide). Some naturally occurring individual fungi resistant to INSTRATA® Elite Turf Fungicide and other Group 3 and Group 12 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® Elite Turf Fungicide or other Group 3 or Group 12 fungicides, thus resulting in a reduction in efficacy. 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® Elite Turf Fungicide to control the resistant fungi. Consult your local supplier, consultant, a Syngenta representative or New Zealand Plant Protection Society website, (www.resistance.nzpps.org) for alternate modes of action and the details of resistance management strategies for the crops listed on the label.

DIRECTIONS FOR USE**Restrains**

DO NOT apply to turf under heat or moisture stress.

| Crop/situations | Diseases | Rate | Critical Comments |
|-----------------|---|---|---|
| Turf and Lawns | Microdochium Patch (<i>Microdochium nivale</i>) formerly Fusarium Patch (<i>Fusarium nivale</i>) | 3 L/ha or 30 mL /100m ² | Apply INSTRATA® Elite Turf Fungicide as a preventative fungicide program. Begin applications before symptoms occur when conditions first favour disease. Continue applications while conditions remain favourable for disease development. Apply no more than 2 treatments per year at 14-day intervals for all diseases. |
| | Anthracnose (<i>Colletotrichum graminicola</i>) | | |
| | Dollar Spot (<i>Clariireedia</i> spp.) formerly (<i>Sclerotinia homoeocarpa</i>) | | |
| | Brown Patch (<i>Rhizoctonia solani</i>) | | |
| | Red Thread (<i>Laetisaria fuciformis</i>) [suppression] | | |

The following Aquatic Buffer Zone must be observed:

| Crop/situations | Aquatic Buffer Zone |
|-----------------|---------------------|
| Turf and Lawns | 10 m |

EPA RESTRICTIONS**Application Rate**

The maximum application rate for INSTRATA® Elite Turf Fungicide is 3 L/ha, (equivalent to 240 g fludioxonil/ha and 240 g difenoconazole/ha), with a maximum frequency of two applications per year and a minimum interval period of 14 days between applications.

Application Method

The product must be applied by ground-based methods only.

DO NOT apply when wind speeds are less than 3 km/h or more than 20 km/h as measured at the application site.

Buffer Zone

The product must not be applied within 10 m of any waterbody.

SPRAY DRIFT

Take all reasonable steps to ensure that INSTRATA® Elite Turf Fungicide does NOT cause any adverse effects to the environment beyond the application area.

MIXING

INSTRATA® Elite Turf Fungicide is a liquid formulation which mixes readily with water and is applied as a spray. Fill spray tank halfway and measure the required amount of INSTRATA® Elite Turf Fungicide. Add to the spray tank while agitating and then add the remainder of the water.

APPLICATION

Apply by ground-based application methods only.

Apply INSTRATA® Elite Turf Fungicide to established turf using well maintained and accurately calibrated spray equipment. 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 crown. Ideal application volume should be between 125 – 500 L/ha to ensure thorough coverage. For best results use nozzles rated to deliver a medium or coarse droplet size category. For spot treatments using a hand-held sprayer use 30 mL of product in 3 – 5 litres water/100 m².

COMPATIBILITY

Always consult your Syngenta representative before mixing INSTRATA® Elite Turf Fungicide with other products. As formulations of other manufacturer's products are beyond the control of Syngenta, and the quality of water may vary with location, all mixtures should be tested prior to mixing commercial quantities.

PRECAUTIONS**RE-ENTRY PERIOD**

DO NOT enter treated area until the spray has dried, unless wearing cotton overalls buttoned to the neck and wrist (or equivalent clothing) and chemical resistant gloves.

WITHHOLDING PERIODS

DO NOT GRAZE TREATED TURF/LAWN, OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK.

STORAGE

Store in the closed, original container in a cool, well-ventilated area. DO NOT store for prolonged periods in direct sunlight. See Safety Data Sheet for additional storage information. Stores containing quantities of 100 litres or more require signage and secondary containment.

SAFETY DATA SHEET

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



Distributed by Syngenta Crop Protection Limited, Level 4, 60 Parnell Road, Parnell, Auckland, 1052. Phone number 0800 333 336.

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|---------------------|--|
| Batch No. | |
| Date of Manufacture | |



UN 3082
ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
(fludioxonil AND difenoconazole) MARINE POLLUTANT
PACKAGING GROUP III, HAZCHEM 3Z
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)