

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



syngenta®

ACTIVE CONSTITUENT: 450 g/L CYCLOBUTRIFLURAM

GROUP **N-3** NEMATICIDE

For the control of Nematodes in Turf as per the Directions for Use

Syngenta Australia Pty Ltd  
Level 1, 2 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: 91438/148536

SC

Formulation type  
Suspension  
Concentrate

®

## DIRECTIONS FOR USE

### Restraints

DO NOT apply with aircraft

DO NOT apply if heavy rains or storms are forecast within 3 days

DO NOT irrigate to the point of runoff for at least 3 days after application

DO NOT apply more than two consecutive applications of a Group N-3 nematicide

DO NOT apply more than 250 g ac/ha (550 mL product/ha) in a single application, or more than a total of 500 g ac/ha/year (1110 mL product/ha/year).

DO NOT treat more than 25% of the turf area with the concentrate spot treatment.

### SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at [apvma.gov.au/spraydrift](http://apvma.gov.au/spraydrift).

DO NOT allow bystanders to come into contact with the spray cloud.

DO NOT apply in a manner that may cause an unacceptable impact to native vegetation, agricultural crops, landscaped gardens and aquaculture production, or cause contamination of plant or livestock commodities, outside the application site from spray drift. Wherever possible, correctly use application equipment designed to reduce spray drift and apply when the wind direction is away from these sensitive areas.

DO NOT apply unless the wind speed is between three and 20 kilometres per hour at the application site during the time of application.

DO NOT apply if there are hazardous surface temperature inversion conditions present at the application site during the time of application. Surface temperature inversion conditions exist most evenings one to two hours before sunset and persist until one to two hours after sunrise.

DO NOT apply by a boom sprayer unless the following requirements are met:

- Spray droplets are not smaller than a VERY COARSE spray droplet size category.
- Boom height no greater than 0.5m.

Situation	Disease	Rate	Critical Comments
<b>Turf</b> golf (tees, greens, fairways) professional sports fields, racetracks, Parklands, commercial and residential lawns	<b>Turf Parasitic Nematodes including:</b> Ring Nematode ( <i>Macroposthonia</i> spp.), Root-knot ( <i>Meloidogyne</i> spp.) Southern Sting Nematode ( <i>Ibipora Iolii</i> ), Sting ( <i>Belonolaius longicaudatus</i> ), Stubby ( <i>Paratrichodorus minor</i> ) Dagger ( <i>Xiphinema</i> spp.) Sheath ( <i>Hemicycliophora</i> spp.) Spiral ( <i>Helicotylenchus</i> spp.) Cyst ( <i>Heterodera</i> spp.) Root lesion ( <i>Pratylenchus</i> spp.)	275 – 550 mL/ha	Broadcast application: Apply TREFINTI® preventatively when conditions become favourable for root growth or in an early curative situation (after appropriate nematode extraction, identification, and counts). Wash application in with 3 to 6 mm of irrigation or rain within 24 hours of application. Apply up to 2 applications of TREFINTI® at 550 mL/ha or 4 applications of 275 mL/ha. Make repeat applications at 28 days if required. Best results will be obtained where TREFINTI® is used as part of an integrated program aimed at reducing overall nematode populations. <b>Refer to Application section for detailed information.</b>
<b>Turf</b> Intensively managed sports turf with high requirements for playability and stability of the turf surface		1,100 mL/ha	Concentrate spot spraying only: Apply TREFINTI® as a curative spot treatment for controlling nematodes where severe nematode damage is apparent or where nematode numbers are such that severe damage is expected. Make repeat applications at 14 days if required. Apply up to 4 applications. When using the concentrate spot spraying rate, ensure no more than 25% of each ha of managed turf is treated per year.

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

### WITHHOLDING PERIOD

GRAZING: DO NOT graze treated areas or feed turf clippings from treated areas to animals including poultry.

## GENERAL INSTRUCTIONS

### Mixing

TREFINTI® is a Suspension Concentrate (SC) formulation that mixes readily with water and is applied as a spray. Measure the required amount of TREFINTI®, add to the partly filled spray tank, and then add the remainder of the water.

### Application

Applications should be in sufficient water volume to ensure that the product reaches the root zone. Where lower application volumes are used, washing in should commence as soon as possible after application. For best results, use very coarse droplets (eg Air Induction 08 nozzles) and a minimum application volume of 800 L/ha. Irrigate with 3 to 6 mm of water commencing within 1 hour of application. DO NOT irrigate to the point of run off.

### Compatibility

TREFINTI® is compatible with a range of commonly used fungicides, insecticides, herbicides and fertilizers. Always consult your Syngenta representative before mixing TREFINTI® 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.

### Nematicide Resistance Warning

<b>GROUP</b>	<b>N-3</b>	<b>NEMATICIDE</b>
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Although resistance in nematode populations has not been proven, repeated exclusive use of any product may lead to a reduction in control. Rotation with nematicides with a different mode of action is recommended. TREFINTI® should be used as part of an Integrated Pest Management (IPM) program to control nematodes. IPM programs using cultural practices, farm hygiene, planting of resistant varieties to reduce infestations caused by nematodes, monitoring or other detection methods, proper pest identification and rotation of nematicides with different modes of action will help prevent economic pest damage.

TREFINTI® may be subject to resistance management strategies. To help prevent the development of resistance to TREFINTI®, use TREFINTI® in accordance with the current CropLife resistance management strategies. For further information contact your local Syngenta representative, CropLife Australia, farm chemical supplier, local Department of Agriculture or Primary Industries or consultant.

## PRECAUTIONS

### Re-entry Period

DO NOT allow entry in treated areas until the spray has dried.

### PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

A risk is identified for bees foraging in treated turf or in hives and non-target areas which are oversprayed. Bee brood development may be harmed by exposure to residues transported into the hive by foraging bees or overspray. DO NOT apply where bees from managed hives are known to be foraging, and weeds are in flower at the time of spraying.

### PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this 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 rinse containers before disposal. Add rinsings to treatment 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 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

May irritate the eyes. Avoid contact with eyes.  
Wash hands after use.

## FIRST AID

First aid is not generally required. If in doubt, contact a Poisons Information Centre (phone 131126) or a doctor.

## SAFETY DATA SHEET

If additional hazard information is required refer to the Safety Data Sheet. For a copy visit our website at [www.syngentaturf.com.au](http://www.syngentaturf.com.au) or [www.syngenta.com.au](http://www.syngenta.com.au) or use the QR code on this label.

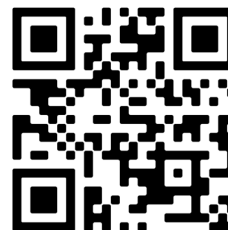
## DISCLAIMER

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.

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