

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Turf Nematicide

ACTIVE CONSTITUENT: 400 g/L FLUOPYRAM

For control of nematodes in turf

500 mL¹

 **CENTAUR**
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¹ Registered pack size range 500 mL – 1000L

DIRECTIONS FOR USE

RESTRAINTS

DO NOT apply by 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 treat more than 25% of the turf area at 1.25 L/ha.

SPRAY DRIFT RESTRAINTS

Specific definitions for terms used in this section of the label can be found at 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. The buffer zones in the relevant buffer zone table/s below provide guidance but may not be sufficient in all situations. 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 MEDIUM spray droplet size category.
- Minimum distances between the application site and downwind sensitive areas are observed
(see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers').

Buffer zones for boom sprayers

Application rate	Boom height above the target canopy	Mandatory downwind buffer zones
		Vegetation areas
Up to maximum label rate	0.5 m or lower	Not required
	1.0 m or lower	15 metres
Up to 625 mL/ha	1.0 m or lower	Not required

DIRECTIONS FOR USE

CROP	DISEASE	RATE	CRITICAL COMMENTS
<p>Turf including golf courses (e.g., fairways, greens, tees) and sports turf (e.g. football and rugby pitches, tennis, bowls and cricket pitches), racetracks, parklands and commercial and residential lawns.</p>	<p>Plant parasitic nematodes including Sting, Spiral, Sheath, Ring, Root Lesion, Root-knot and Stubby</p>	<p>625 mL / ha</p> <p>Apply in 400 – 800 L water/ha</p>	<p>Use this product as part of an integrated nematode management program for turfgrass.</p> <p>Apply as a preventative treatment when conditions are favourable for root growth. Reapply as needed after 28 days when nematode pressure is high.</p> <p>Irrigate with sufficient water as soon as possible after application to the depth of the root zone to be protected.</p> <p>Apply a maximum of 1.25 L / ha per year.</p> <p>Do not apply more than the maximum annual rate from any combination of products containing fluopyram.</p>
<p>Turf Intensively managed sports turf with high requirements for playability and stability of the turf surface.</p>		<p>1.25 L/ha</p> <p>Apply in 400 – 800 L water/ha</p>	<p>Use this product as part of an integrated nematode management program for turfgrass.</p> <p>Apply as a curative spot treatment for controlling nematodes over smaller areas where outbreaks are severe or expected to become severe.</p> <p>For curative spot treatments, treat no more than 2,500 m² per hectare of managed turf per year.</p> <p>Irrigate with sufficient water as soon as possible after application to the depth of the root zone to be protected.</p> <p>Repeat up to four times at a minimum spray interval of 14 days.</p> <p>Do not apply more than the maximum annual rate from any combination of products containing fluopyram.</p>

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 or lawn; or feed turf or lawn clippings from any treated area to poultry or livestock.

GENERAL INSTRUCTIONS

Mixing

Half-fill the spray tank with clean water. With agitators running, add required amount of Indemnify and fill spray tank to desired level. Maintain constant agitation to ensure uniformity of spray mixture.

Application

Effective control requires good coverage. Application should be made using sufficient water to ensure thorough coverage. Irrigate as soon as possible after application. The quantity of post-application irrigation required will depend on soil, thatch and turf root conditions. Sufficient irrigation should be applied to move Indemnify to protect the existing root system.

Compatibility

As formulations of other manufacturers' products are beyond the control of Bayer, all mixtures should be tested prior to mixing commercial quantities. For information on the compatibility of Indemnify with other products, contact your local retailer or Bayer CropScience representative.

Do not tank mix this product with soil wetting agents or surfactants. The Indemnify formulation contains soil penetration adjuvants to optimise delivery of the active ingredient to the root zone.

RESISTANCE WARNING

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. Indemnify should be used as part of an Integrated Pest Management (IPM) program to control nematodes. IPM programs using cultural practices, monitoring or other detection methods, proper pest identification and rotation of nematicides with different modes of action will help prevent economic pest damage.

PRECAUTIONS

RE-ENTRY

Do not allow entry into treated areas until the spray is dry or irrigation has been applied.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Toxic to aquatic life. DO NOT contaminate wetlands or water courses with this product or used containers.

STORAGE AND DISPOSAL

Keep out of reach of children. 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 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 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. Do not re-use empty container for any other purpose.

SAFETY DIRECTIONS

May irritate the eyes. Avoid contact with eyes. When opening the container, preparing the spray and using the prepared spray wear cotton overalls buttoned to the neck and wrist (or equivalent clothing). Wash hands after use. After each day's use, wash gloves and contaminated clothing

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26; New Zealand 0800 764 766.

SAFETY DATA SHEET

Additional Information is listed in the Safety Data Sheet which is available at www.es.bayer.com.au.

Exclusion of Liability

This product must be used strictly as directed, and in accordance with all instructions appearing on the label and in other reference material. So far as it is lawfully able to do so, Bayer CropScience Pty Ltd accepts no liability or responsibility for loss or damage arising from failure to follow such directions and instructions.

APVMA Approval No. 84365/120429

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FOR 24 HOUR SPECIALIST ADVICE IN AN EMERGENCY ONLY PHONE 1800 033 111

GHS

Classification not required according to GHS criteria