

CAUTION

KEEP OUT OF REACH OF CHILDREN

READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Spinner

Turf Insecticide

syngenta®

ACTIVE CONSTITUENTS: 200 g/kg CYANTRANILIPROLE
200 g/kg THIAMETHOXAM

GROUP **4A** | **28** | INSECTICIDE

For control of Argentine Stem Weevil larvae, Scarab Beetle larvae and caterpillars (Armyworm and Cutworm) in established turf

500 g, 1, 2, 3 or 4 kg NET

Syngenta Australia Pty Ltd
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: 66637/54071
Item number

TM

DIRECTIONS FOR USE

Restrictions

DO NOT apply with aircraft or through any type of irrigation equipment

DO NOT apply if heavy rain is forecast

Spray Drift Restrictions

DO NOT apply with spray droplets smaller than a **COARSE** spray droplet size category according to "APVMA Compliance Instructions for Mandatory COARSE or Larger Droplet Size Categories" located under this title in the GENERAL INSTRUCTIONS section of this label

DO NOT apply when wind speed is less than 3 or more than 20 kilometres per hour as measured at the application site

DO NOT apply during surface temperature inversion conditions at the application site

DO NOT apply with a nozzle height greater than 50 cm above the ground

Users of this product **MUST make an accurate written record** of the details of each spray application within 24 hours following application and **KEEP** this record for a minimum of 2 years. The spray application details that must be recorded are: **1** date with start and finish times of application, **2** location address and paddock/s sprayed, **3** full name of this product, **4** amount of product used per hectare and number of hectares applied to, **5** crop/situation and weed/pest, **6** wind speed and direction during application, **7** air temperature and relative humidity during application, **8** nozzle brand, type, spray angle, nozzle capacity and spray system pressure measured during application, **9** name and address of person applying this product. (Additional record details may be required by the state or territory where this product is used.)

Mandatory No-Spray Zones

DO NOT apply if there are aquatic or wetland areas including aquacultural ponds, surface streams and rivers within 15 m downwind from the application area

Situation	Pest	Rate	Critical Comments
Established Turf	African Black Beetle larvae (<i>Heteronychus arator</i>), Argentinian Scarab larvae (<i>Cyclocephala signaticollis</i>), June Beetle larvae (<i>Phyllophaga</i> sp)	1 kg/ha	Apply prior to or at peak egg hatch, (African Black Beetle - late September through to mid October or Argentinian Scarab - early December), or when small larvae are present. Ensure product placement as close to soil surface as possible. Preferably spray onto wet or dewy turf. Irrigate with at least 3 mm water commencing within 1 hour of application. DO NOT irrigate to the point of runoff. Refer to the Application sections for detailed information.
	Argentine Stem Weevil larvae (<i>Listronotus bonariensis</i>)		Monitor adult activity through spring and early summer. Spray when peak numbers (preventatively) or when first visual symptoms are observed (curatively) typically around late September to December. Early application is essential to minimise damage to turf due to feeding. Refer to the Application sections for detailed information.
	Billbug larvae (<i>Sphenophorus brunnipennis</i>)		Monitor adult activity through late spring and early summer. Spray when numbers peak or when small larvae (4 mm) are found in the thatch or surface soil typically around late November to early December. Early application is essential to minimise damage to turf due to feeding. Ensure product placement as close to soil surface as possible. Preferably spray onto wet or dewy turf. Irrigate with at least 3 mm of water commencing within 1 hour of application. DO NOT irrigate to the point of runoff. Refer to the Application sections for detailed information.
	Caterpillars including Black Cutworm (<i>Agrotis ipsilon</i>), Lawn Armyworm, (<i>Spodoptera mauritia</i>)		500 g/ha

**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 SPINNER to clean water in half-filled spray tank with the agitator or by-pass in operation. Maintain agitation while filling tank with remainder of water. Agitate whilst spraying.

Compatibility

As formulations of other manufacturer's products are beyond the control of Syngenta, and water quality varies with location, all mixtures should be tested prior to mixing commercial quantities.

Application

DO NOT apply with aircraft or through any type of irrigation equipment. Ensure even application in order to achieve even disease control. Avoid overlapping sprays. Ensure that boom height for broadcast application does not exceed 50 cm above the leaf blades of the turf. Avoid application under conditions when uniform coverage cannot be obtained or when spray drift may occur.

Soil Insects: Application volumes for soil insects (African Black Beetle, Argentinian Scarab, June Beetle, Argentine Stem Weevil and Billbug) should be as high as possible (700 to 1000 L/ha) to ensure placement close to the soils surface. Use nozzles that produce very coarse to extremely coarse droplets (eg Air Induction 08 nozzles). Preferably spray onto wet or dewy turf. Irrigate with at least 3 mm of water commencing within 1 hour of application.

Surface Insects: Application volume for leaf and crown feeding insects (Argentine Stem Weevil, Cutworm and Armyworm) 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 (≥ 15 mm) a significant spray shielding effect can occur, impacting negatively on spray penetration and even coverage at low application volumes.

APVMA Compliance Instructions for Mandatory COARSE or Larger Droplet Size Categories

These instructions inform users of this chemical product how to lawfully comply with the requirement of a COARSE or larger spray droplet size category for spray application.

Spray droplet size categories are defined in the ASAE S572 Standard (newer name may also be shown as ASABE) or the BCPC guideline. Nozzle manufacturers may refer to one or both to identify droplet size categories, but for a nozzle to comply with this requirement, the manufacturer must refer to at least one.

Complying with the label requirement to use a specific droplet size category means using the correct nozzle that will deliver that droplet size category under the spray operation conditions being used. The APVMA has approved only the following specific methods for choosing the correct nozzle. Use one of the methods specified in these instructions to select a correct nozzle to deliver a COARSE or larger droplet size category.

Mandatory instructions for ground applications for COARSE droplet size or larger categories

USE ONLY nozzles that the nozzles' manufacturer has rated to deliver a COARSE, a VERY COARSE or an EXTREMELY COARSE droplet size category as referenced to ASAE S572 or BCPC. Choose a nozzle specified to provide the droplet size required in the label Spray Drift Restraints.
DO NOT use a higher spray system pressure than the maximum the manufacturer specifies for the selected nozzle to deliver the droplet size category required in the label Spray Drift Restraint.

Insecticide Resistance Warning

GROUP 4A 28 INSECTICIDE

For insecticide resistance management SPINNER Turf Insecticide is a Group 4A and Group 28 insecticide. Some naturally occurring insect biotypes resistant to SPINNER and other Group 4A and/or Group 28 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if SPINNER or other Group 4 and/or Group 28 insecticides are used repeatedly. The effectiveness of SPINNER on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Syngenta Australia Pty Ltd accepts no liability for any losses that may result from failure of SPINNER to control resistant insects. SPINNER may be subject to specific resistance management strategies. For further information contact your supplier, Syngenta representative or local agricultural department agronomist.

PRECAUTION

Re-entry Period

General Public: DO NOT allow public access to treated areas until the spray has dried.

Grounds Staff / Professional Operators: DO NOT enter treated areas until the spray has dried, 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

Highly toxic to bees. DO NOT apply on swards containing flowering plants. DO NOT allow product to drift onto flowering plants in the vicinity of the treatment area. Mow any plants in flower prior to spraying. 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 the product or used containers.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area out of 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 Local, State or Territory government regulations. DO NOT burn empty containers or product.

SAFETY DIRECTIONS

May irritate the eyes. Avoid contact with eyes. When using the product wear:

- cotton overalls buttoned to the neck and wrist (or equivalent clothing)

If applying by spraying equipment carried on the back of the user, wear:

- cotton overalls over normal clothing, buttoned to the neck and wrist
- elbow-length chemical-resistant gloves

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 131 126.

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

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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the SYNGENTA Logo and the PURPOSE ICON
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Batch No.	
Date of Manufacture	

