Acelepryn®

Turf insecticide

syngenta®

ACTIVE CONSTITUENT: 200 g/L CHLORANTRANILIPROLE

GROUP 28 INSECTICIDE

For the control of African Black Beetle, Argentine Stem Weevil, Argentinian Scarab, Billbugs and other insect pests 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: 63085/136492

DIRECTIONS FOR USE

Restraints
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 when the soil is saturated with water as adequate distribution of the active ingredient vertically in the soil profile cannot be achieved under this condition
DO NOT apply more than 2.8 L per hectare per year in broadcast applications to turfgrass

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 3 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:

- Minimum distances between the application site and downwind sensitive areas (see 'Mandatory buffer zones' section of the following table titled 'Buffer zones for boom sprayers') are observed.

Buffer Zones for Boom Sprayers

Application Rate	Mandatory Downwind Buffer Zone
	Natural aquatic areas
Up to 1.5 L/ha	10 metres

Situation	Pest	Rate	Critical Comments
Applications should not be made when the soil is saturated with water because adequate distribution of the active ingredient vertically in the soil profile cannot be achieved under this condition. As is the case with any insecticide applied to turfgrass for beetle larvae control, optimal results will be achieved if the product is irrigated into the turf immediately after application.			
Golf courses, Lawns including commercial and residential lawn areas, **Sports grounds, Other sport and recreational turfgrass areas**	Beetle larvae including African Black Beetle (*Heteronychus arator*)	750 mL to 1.5 L/ha or 7.5 to 15 mL/100m^2	Apply before or at peak egg hatch for maximum control (typically mid September). Apply the higher rate for early season (mid September) application where long residual protection is required, or in later season applications (mid December onwards) when less sensitive mid instar grubs are present at the time of application, or in cases of high pest pressure.
	Argentinian Scarab (*Cyclocephala signaticollis*)		Apply before or at peak egg hatch for maximum control (typically mid December). Use the higher application rates for later season applications when less sensitive mid instar grubs are present at the time of application or in cases of high pest pressure.
	Argentine Stem Weevil larvae (*Listronotus bonariensis*), Billbug larvae (*Sphenophorus brunnipennis*)		Apply early season (mid September) applications when overwintered adults are first observed, to prevent damage and population build up. Early application is essential to prevent grass damage due to feeding. Use the higher application rates when extended residual performance is required or for later season applications (mid December onwards) or in cases of high pest pressure.

	Caterpillars including Black Cutworm (*Agrotis ipsilon*), Lawn Armyworm (*Spodoptera mauritia*), Sod Webworm (*Herpetogramma licarsisalis*)	750 mL/ha or 7.5 mL/100m^2	To ensure optimum control, delay watering (irrigation) or mowing for 24 hours after application.

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

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

GENERAL INSTRUCTIONS

ACELEPRYN® is an anthranilic diamide insecticide in the form of a suspension concentrate. ACELEPRYN® delivers excellent preventative performance, with optimal results achieved with application early in the season (mid September) with the appearance of overwintering adult pests. The long residual performance of ACELEPRYN® will provide up to 6 months protection at the higher application rates. Curative control with ACELEPRYN® on pest outbreaks later in the season (mid December onwards) can be achieved using the higher recommended application rates.

Mixing
Prior to mixing, start with clean, well maintained application equipment.
Fill spray tank to ¼ to ½ full of water. Measure the amount of ACELEPRYN® required for the area to be sprayed. Add ACELEPRYN® directly to spray tank with the agitation engaged. Mix thoroughly to disperse the insecticide. Once dispersed, the material must be kept in suspension at all times by continuous agitation. Use mechanical or hydraulic means, DO NOT use air agitation, premix or slurry.
If spray solution is left standing, ensure thorough re-agitation of the spray mix until fully resuspended. DO NOT allow spray mix to sit overnight, as resuspension may be difficult.

Compatibility
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.

Application
- Apply extremely coarse droplets using nozzles such as Syngenta XC04 or Syngenta XC08 or similar nozzles.
- Spray with at least 400 L of water/ha (or 4 L water per 100m^2) to ensure even coverage.
- The required water volume may be determined by applying different test volumes, using different settings on the sprayer, from industry guidelines or expert advice.
- Note that the amount of product specified in the Directions for Use is per hectare or 100m^2 of product. You will need to determine your spray rate per area before deciding on the amount of product to add to the tank.
- For optimal control, irrigate with approximately 6 mm of water immediately after application (except where treating for caterpillars, when irrigation and mowing should be delayed for 24 hours).

Spray Timing
African Black Beetle / Argentinian Scarab: ACELEPRYN® may be applied from spring onwards for preventative control of these species infesting turfgrass. The need for an application may be based on historical monitoring of the site, previous records or experiences, current season adult trapping or other methods.
Argentine Stem Weevil / Billbug: ACELEPRYN® should be applied when overwintered adults are first observed in early spring (mid September) to prevent damage in late spring. An application at this time will also give excellent control of African Black Beetle.
Caterpillars: ACELEPRYN® will provide excellent curative caterpillar control in turfgrass and should be applied when pests/damage is observed.

Spray Equipment Cleanout
Immediately following application, thoroughly clean all spray equipment to reduce the risk of forming hardened deposits which might become difficult to remove. Drain spray equipment. Thoroughly rinse sprayer and flush hoses, boom and nozzles with clean water. Clean all other associated application equipment. Take all necessary safety precautions when cleaning equipment. DO NOT clean near wells, water sources or desirable vegetation. Dispose of waste rinse water in accordance with local regulations.

Insecticide Resistance Warning | **GROUP** | **28** | **INSECTICIDE**

For insecticide resistance management ACELEPRYN® Turf Insecticide is a Group 28 insecticide. Some naturally occurring insect biotypes resistant to ACELEPRYN® and other Group 28 insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if ACELEPRYN® and other Group 28 insecticides are used repeatedly. The effectiveness of ACELEPRYN® 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 ACELEPRYN® to control resistant insects. ACELEPRYN® may be subject to specific resistance management strategies. To help prevent the development of resistance to ACELEPRYN®, use ACELEPRYN® in accordance with the current Insecticide Resistance Management (IRM) strategy for your region. For further information contact your supplier, Syngenta representative or local agricultural department agronomist.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT
Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used container. DO NOT apply under weather conditions or from spraying equipment that may cause spray to drift onto nearby non-target plants/crops, cropping lands or pastures.

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 Local, State or Territory government regulations. DO NOT burn empty containers or product.

FIRST AID
First aid is not generally required. If in doubt, contact a doctor or Poisons Information Centre. Phone 131 126.

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 or 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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