

POISON

KEEP OUT OF REACH OF CHILDREN
READ SAFETY DIRECTIONS BEFORE OPENING OR USING



Provaunt[®]

Turf insecticide

syngenta[®]

ACTIVE CONSTITUENT: 200 g/kg INDOXACARB (S:R 3:1)

GROUP **22A** INSECTICIDE

For the control of Argentine Stem Weevil adults and larvae, and Lepidoptera grub larvae in turf as per the Directions for Use

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: 85434/113274
Item number

®

DIRECTIONS FOR USE**RESTRAINTS**

DO NOT apply with aircraft

DO NOT apply if rainfall is expected within 2 hours of application, or 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 within 20 m upwind of water bodies

SPRAY DRIFT RESTRAINTS

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.

Users of this product **MUST make an accurate written record** of the details of each spray application within 24 hours following application, and must **KEEP** this record for at least 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 or situation and weed or 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 and wetland areas including aquacultural ponds, surface streams and rivers within 10 metres downwind from the application area.

Situation	Pest	Rate	Critical Comments
Golf greens and surrounds	Argentine Stem Weevil larvae and adults (<i>Listronotus bonariensis</i>)	1.25 kg/ha	Two seasonal treatment opportunities should be targeted. Apply late winter/early spring when overwintered adults are observed to minimise egg laying and population build up. Early application is essential. Make a second application early summer as a treatment for adults and foliar feeding larvae.
Golf greens and surrounds, Fairways	Caterpillars including Black Cutworm (<i>Agrotis ipsilon</i>), Lawn Armyworm (<i>Spodoptera mauritia</i>)	375 g/ha	Apply immediately when pest activity is noted. 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 PERIOD: DO NOT GRAZE TREATED TURF/LAWN OR FEED TURF/LAWN CLIPPINGS FROM ANY TREATED AREA TO POULTRY OR LIVESTOCK

GENERAL INSTRUCTIONS

PROVAUNT is an oxadiazine insecticide in the form of a water dispersible granule. PROVAUNT delivers excellent curative performance, with optimal results achieved when applications are made before population numbers build to damaging levels. For Argentine Stem Weevil adults applications should be made with the appearance of over wintering adult pests. A second application should be made early summer to treat adults and stem feeding larvae. For Lepidoptera grubs an application should be made as soon as activity is detected.

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 PROVAUNT required for the area to be sprayed. Add PROVAUNT 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 re-suspended. DO NOT allow spray mix to sit overnight, as re-suspension 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 using coarse droplets (minimum) using Air induction 04 nozzles. Spray with at least 400 L of water/ha 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 of product. You will need to determine your spray rate per hectare before deciding on the amount of product to add to the tank.

For optimal control, DO NOT water in when treating Argentine Stem Weevil adults or larvae, and delay irrigation and mowing for 24 hours where treating for caterpillars.

Spray Timing

Argentine Stem Weevil adults: PROVAUNT should be applied when over wintered adults are first observed in late winter/early spring to prevent egg laying.

Argentine Stem Weevil larvae and adults: A second application should be made early summer to treat larvae and adults concurrently as part of a strong chemical rotation program.

Caterpillars: PROVAUNT 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 risk of forming hardened deposits that might become difficult to remove. Drain spray equipment. Thoroughly rinse sprayer and flush hoses, boom, and nozzles with clean water. Loosen and physically remove all visible deposits. Clean all other associated application equipment.

Insecticide Resistance Warning

GROUP	22A	INSECTICIDE
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For insecticide resistance management PROVAUNT Insecticide is a Group 22A insecticide. Some naturally occurring insect biotypes resistant to PROVAUNT and other Group 22A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if PROVAUNT and other Group 22A insecticides are used repeatedly. The effectiveness of PROVAUNT 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 PROVAUNT to control resistant insects. PROVAUNT may be subject to specific resistance management strategies. For further information contact your supplier or Syngenta.

PRECAUTION**Re-entry Period**

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

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers.

PROTECTION OF HONEY BEES AND OTHER INSECT POLLINATORS

Highly toxic to bees. Harmful to bee brood. DO NOT allow spray drift to flowering weeds or flowering crops in the vicinity of the treatment area. Before spraying, notify beekeepers to move hives to a safe location with an untreated source of nectar and pollen, if there is potential for managed hives to be affected by the spray or spray drift.

STORAGE AND DISPOSAL

Store in the closed, original container in a dry, cool, well ventilated area out of 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.

SAFETY DIRECTIONS

Harmful if swallowed. When opening the container, preparing 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 contaminated clothing.

FIRST AID

If poisoning occurs, 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 phone 1800 067 108 or visit our website at www.syngenta.com.au

Harmful if inhaled
 Causes damage to organs through prolonged or repeated exposure

Product names marked © or ™, the ALLIANCE FRAME  the SYNGENTA Logo and the PURPOSE ICON  are Trademarks of a Syngenta Group Company

Batch No	
Date of Manufacture	

BARCODE