



**SureFire**

**ANTSTAR®**

**GRANULAR INSECTICIDE**

**ACTIVE CONSTITUENT: 2 g/kg BIFENTHRIN**

**GROUP 3A INSECTICIDE**

For the control of certain pests in turf; ants, fleas and ticks in external surrounds of buildings and structures as specified in the Directions of Use Table.

**NET CONTENTS: 500g**



**PCT**  
HOLDINGS PTY LTD

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CUSTOMER SERVICE FREECALL 1800 630 877 EMERGENCY RESPONSE (ALL HOURS) FREECALL 1800 630 877  
**APVMA Approval No: 67014/500g/54963**

500g 250mm x 160mm 100%

**DIRECTIONS FOR USE**

**RESTRAINTS:**

DO NOT apply inside buildings.  
DO NOT apply within 2 metres of water (ponds, drains etc)

SITUATION	PEST	RATE kg/100 m <sup>2</sup>	CRITICAL COMMENTS
Turf (For example: lawns, commercial turf farms, parks, recreational areas, golf courses, bowling greens, sports fields)	Lawn Armyworm (Spodoptera mauritia)	0.6	Broadcast SureFire AntStar Granular Insecticide with suitable application equipment to ensure uniform coverage over the treated area. To ensure optimum control, irrigate the treated area with up to 4 mm of water immediately after application. Inspect treated areas for continuing activity. Reapply as required. Where a rate range is indicated use lower rates under lower insect pressure and higher rates under higher insect pressure.
	Sod Webworm (Herpetogramma licarsisalis)	0.6-1.2	
	Argentine Stem Weevil adults (Listronotus bonariensis)	1.2-1.8	
	African Black Beetle adults (Heteronychus arator)	0.6-1.2	
	Billbug adults (Senophorus sp)	0.6-2.2	
External surrounds of buildings and structures	Black ants, Coastal Brown Ant, Funnel Ant, Sugar Ant, Stinging Ant only	0.6-2.2	Broadcast SureFire AntStar Granular Insecticide with suitable application equipment to ensure uniform coverage over the treatment area. Apply granules to areas where ants are active. Where possible apply granules directly to the nests. Use the low rate for maintenance treatments or to control light infestations. Use the high rate for heavy infestations and for maximum residual control.  The elimination of Funnel ants from a particular site will generally require more than one application. Initial applications should be broadcast over the affected areas. As the initial numbers of active colonies are reduced, application should shift to targeting active mounds. Apply granules directly to the mound and in the area immediately surrounding active mounds (300 mm radius).
	Black ants, Coastal Brown Ant, Funnel Ant, Sugar Ant, Stinging Ant only	0.6-2.2	Apply granules to areas where ants are active. Where possible apply granules directly to the nest. Use the low rate for maintenance treatments or to control light infestations. Use the higher rate for heavy infestations and for maximum residual control. <b>Perimeter Application:</b> Where perimeter pest control is being implemented apply SureFire AntStar Granular Insecticide in a 2-3 m band around and adjacent to the building or structure. <b>Pad mounted electrical sites:</b> To reduce or prevent ant mound building activity on electrical pads, uniformly distribute 60 to 220 g SureFire AntStar Granular Insecticide per 10 m <sup>2</sup> of mounting pad. When existing transformers are completely or partially filled with soil excavated by resident ants, remove any excess fill and level the remaining soil prior to application.
	Fleas (Adults and Larvae) (Ctenocephalides spp.)	1.1-2.2	Flea larvae develop in the soil of shaded areas that are accessible to pets or other animals. For optimum results irrigate the treated areas with up to 10 mm of water immediately after application. Use higher application rates when treating areas with dense ground cover or heavy leaf litter.
	Ticks (Ixodes spp.)	1.1-2.2	Applications should be made in spring to control larvae and nymphs that reside in the soil and leaf litter. DO NOT make spot applications. Treat the entire area where exposure to ticks may occur. Use higher application rates when treating areas with dense ground cover or heavy leaf litter. Ticks may be reintroduced from surrounding areas on host animals. Repeat as necessary to maintain adequate control.

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

**GENERAL INSTRUCTIONS**

SureFire AntStar Granular Insecticide is a convenient ready to use formulation for the control of nominated turf pests.

For application use a granular spreader that can be calibrated for even output and is capable of giving even application. Use a double application technique i.e. half rate - half width to achieve a full rate application. Apply under calm conditions, thereby reducing drift to non-target areas and optimising particle distribution for good insect control.

SureFire AntStar Granular Insecticide can be used as a protective treatment when applied at regular intervals or as a knockdown treatment to control existing pests. Best results are obtained when SureFire AntStar Granular Insecticide is applied before pest populations build up to damaging levels.

**Insecticide Resistance Warning**

For insecticide resistance management SureFire AntStar Granular Insecticide is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to SureFire AntStar Granular Insecticide and other Group 3A Insecticides may exist through normal genetic variability in insect population. The resistant individuals can eventually dominate the insect population if SureFire AntStar Granular Insecticide or other Group 3A Insecticides are used repeatedly. The effectiveness of SureFire AntStar Granular Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, PCT Holdings Pty Ltd accepts no liability for any losses that may result from the failure of SureFire AntStar Granular Insecticide to control resistant insects.

**GROUP 3A INSECTICIDE**

SureFire AntStar Granular Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, PCT Holdings Pty Ltd representative or local agricultural department agronomist.

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

Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or use containers.

**PROTECTION OF PETS AND LIVESTOCK**

Before treatment, remove animals and pets from the areas to be treated. Cover or remove any open food and water containers. Keep away from domestic pets, especially dogs. If dogs eat the granules, contact your veterinary surgeon immediately. Use with caution around pets - ensure product is well dispersed i.e. sweep in between pavers, cracks and crevices and dispersed into soil and/or lawn. Cover or remove fishponds, aquariums etc before application. DO NOT apply SureFire AntStar within 2 metres of a fishpond or water containing fish or aquatic species.

**STORAGE AND DISPOSAL**

Dispose of waste as indicated below or according to Australian Standard AS2507 - Storage and Handling of Pesticides.

Keep out of reach of children. Store in the closed original container, in a dry cool well-ventilated area out of direct sunlight.

Shake containers empty onto treatment 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.

**SPILLAGE**

DO NOT allow spilled product to enter sewers, drains, creeks or any waterways.

**FIRST AID**

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

**MATERIAL SAFETY DATA SHEET**

Additional information is listed in the Material Safety Data Sheet available from the supplier.

**NOTICE**

PCT warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with Directions for Use under normal conditions of use. No warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of the product contrary to label instructions or under off-label permits not endorsed by PCT, or under abnormal conditions.

Batch No:

DOM: