

Product Name: SUREFIRE ANTSTAR GRANULAR INSECTICIDE  
APVMA Approval No: 67014/142186



Label Name:	SUREFIRE ANTSTAR GRANULAR INSECTICIDE
Signal Headings:	READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	ACTIVE CONSTITUENT: 2 g/kg BIFENTHRIN
Mode of Action:	GROUP 3A INSECTICIDE
Statement of Claims:	For the control of certain pests in turf; ants, fleas and ticks in external surrounds of buildings and structures as specified in the Directions for Use Table.
Net Contents:	NET CONTENTS 500 g - 1000 kg
Restraints:	RESTRAINTS: DO NOT apply inside buildings. DO NOT apply within 2 metres of water (ponds, drains etc)
Directions for Use:	This section contains file attachment.
Other Limitations:	
Withholding Periods:	
Trade Advice:	

General Instructions:	<p><b>GENERAL INSTRUCTIONS</b></p> <p>SureFire AntStar Granular Insecticide is a convenient ready to use formulation for the control of nominated turf pests.</p> <p>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.</p> <p>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.</p>
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Resistance Warning:	<p><b>Insecticide Resistance Warning GROUP 3A INSECTICIDE</b></p> <p>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.</p> <p>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.</p>
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Precautions:	
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Protections:	<p><b>PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT</b></p> <p>Dangerous to fish and other aquatic organisms. DO NOT contaminate streams, rivers or watercourses with the chemical or used containers.</p> <p><b>PROTECTION OF PETS AND LIVESTOCK</b></p> <p>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 ie. 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.</p> <p><b>SPILLAGE</b></p> <p>DO NOT allow spilled product to enter sewers, drains, creeks or any waterways.</p>
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Storage and Disposal:	<p>Keep out of reach of children. Store in the closed original container, in a dry cool well-ventilated area out of direct sunlight. Triple-rinse containers before disposal. Dispose of rinsate or any undiluted chemical according to state/territory legislative requirements. 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.</p>
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Safety Directions:	Safety Directions: Wash hands after use.
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First Aid Instructions:	<b>FIRST AID</b> If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126, New Zealand 0800 764 766.
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First Aid Warnings:	
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## DIRECTIONS FOR USE

SITUATION	PEST	RATE	CRITICAL COMMENTS
Turf (For example: lawns, commercial turf farms, parks, recreational areas, golf courses, bowling greens, sports fields)	Lawn Armyworm ( <i>Spodoptera mauritia</i> )  Sod Webworm ( <i>Herpetogramma licarsialis</i> )	600 g/100 m <sup>2</sup>	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.
	Argentine Stem Weevil adults ( <i>Listronotus bonariensis</i> )	600 g - 1.2 kg/100 m <sup>2</sup>	
	African Black Beetle adults ( <i>Heteronychus arator</i> )	1.2 - 1.8 kg/100 m <sup>2</sup>	
	Billbug adults ( <i>Senophorus</i> sp)	600 g - 1.2 kg/100 m <sup>2</sup>	
	Black ants, Coastal Brown Ant, Funnel Ant, Sugar Ant, Stinging Ant	600 g - 2.2 kg/100 m <sup>2</sup>	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).
External surrounds of buildings and structures including gardens, lawns, ant nests and trails	Black ants, Coastal Brown Ant, Funnel Ant, Sugar Ant, Stinging Ant	600 g - 2.2 kg/100 m <sup>2</sup>	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) ( <i>Ctenocephalides</i> spp.)	1.1 - 2.2 kg/100 m <sup>2</sup>	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 ( <i>Ixodes</i> spp.)	1.1 - 2.2 kg/100 m <sup>2</sup>	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**