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READ SAFETY DIRECTIONS BEFORE OPENING OR USING

**Apparent** 

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**Ant-Assassin Ant Sand**

**INSECTICIDE**

ACTIVE CONSTITUENT: 2 g/kg BIFENTHRIN

**GROUP A 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 for Use Table.  
**IMPORTANT: Read this booklet before use.**

APVMA Approval No: 82922/107131

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**DIRECTIONS FOR USE****RESTRAINTS:**

DO NOT apply inside buildings.

DO NOT apply within 2 m of water (ponds, creeks, dams etc).

SITUATIONS	PEST	RATE (kg/ha)	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)	Lawns Armyworm ( <i>Spodoptera maurita</i> ), Sod Webworm ( <i>Herpetogramma licarsialis</i> )	60	0.6	Broadcast Apparent Ant-Assassin Ant Sand Insecticide with suitable application equipment to ensure uniform coverage over the treatment 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. Re-apply as required.
	Argentine Stem Weevil adults ( <i>Listronotus bonariensis</i> )	60 - 120	0.6 – 1.2	
	African Black Beetle ( <i>Heteronychus arator</i> )	120 - 180	1.2 – 1.8	
	Billbug adults ( <i>Sphenophorus brunnipennis</i> )	60 - 120	0.6 – 1.2	
External surrounds of building and structures:  Gardens, Lawns, Ant nests & trails	Black Ants, Coastal Brown Ants, Funnel Ants, Meat Ants, Sugar Ants, Stinging Ants only	60 - 220	0.6 – 2.2	Broadcast Apparent Ant-Assassin Ant Sand 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 nest.  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 affected areas. As the number of active colonies is 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).
	Fleas (Adults & Larvae) ( <i>Ctenocephalides spp.</i> )	110-220	1.1-2.2	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 high rate for heavy infestations and for maximum residual control. <b>Perimeter Application:</b> Where perimeter pest control is being implemented apply Apparent Ant-Assassin Ant Sand Insecticide in a two or three metre 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 grams of Apparent Ant-Assassin Ant Sand Insecticide per 10 m <sup>2</sup> of mounting pad. Where 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.
	Ticks ( <i>Ixodes</i> spp.)	110-220	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.  Applications should be made in late summer/autumn 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. Retreat as necessary to maintain adequate control.

**NOT TO BE USED FOR ANY PURPOSE OR IN ANY MANNER CONTRARY TO THIS LABEL UNLESS AUTHORISED.**

## GENERAL INSTRUCTIONS

For optimum results use a properly calibrated granule applicator.

## INSECTICIDE RESISTANCE WARNING

### GROUP **3A** INSECTICIDE

For insecticide resistance management Apparent Ant-Assassin Ant Sand Insecticide is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Apparent Ant-Assassin Ant Sand Insecticide and other Group 3A insecticides may exist through normal genetic variability in any insect population. The resistant individuals can eventually dominate the insect population if Apparent Ant-Assassin Ant Sand Insecticide or other Group 3A insecticides are used repeatedly. The effectiveness of Apparent Ant-Assassin Ant Sand Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, Apparent Pty Ltd accepts no liability for any losses that may result from the failure of Apparent Ant-Assassin Ant Sand Insecticide to control resistant insects. Apparent Ant-Assassin Ant Sand Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier, Apparent Pty Ltd representative or local agricultural department agronomist.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Dangerous to fish and aquatic organisms. DO NOT contaminate dams, rivers, streams waterways or drains with product or the used container.

## 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. swept in between pavers, cracks, and crevices and dispersed into soil and/or lawn. Cover or remove fishponds, aquariums etc before application. DO NOT apply Apparent Ant-Assassin Ant Sand Insecticide within 2 metres of a fishpond or water containing fish or aquatic species.

## STORAGE AND DISPOSAL

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

**Spillage** - Dispose of waste as indicated below or according to the Australian Standard AS 2507 - Storage and Handling of Pesticides.

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

Triple-rinse containers before disposal. Dispose of rinsate or any undiluted chemical according to state/territory legislative requirements. 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

Wash hands after use.

## FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 11 26.

## SAFETY DATA SHEET (SDS)

Additional information is listed in the Safety Data Sheet which can be obtained from the supplier.

## CONDITIONS OF SALE

The use of Apparent Ant-Assassin Ant Sand Insecticide being beyond the control of the manufacturer no warranty expressed or implied is given by Apparent Pty Ltd regarding its suitability, fitness or efficiency for any purpose for which it is used by the buyer, whether in accordance with the directions or not and Apparent Pty Ltd accepts with no responsibility for any consequences whatsoever resulting from the use of this product.