

READ SAFETY DIRECTIONS BEFORE OPENING OR USING

# **BiFORCE GRANULAR INSECTICIDE**

**ACTIVE CONSTITUENT: 2g/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 for Use Table.

**IMPORTANT: READ THE ATTACHED LEAFLET BEFORE USE**

Contents: \*\*  
Sherwood Chemicals Australasia Pty Ltd  
1060 hay Street  
WEST PERTH 6005  
AUSTRALIA  
Tel: +61 89219 4683  
Fax: +61 89219 4672

\*\* This label to be used for 2kg 15kg pack sizes.

**STORAGE, SPILLAGE 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.

Shake containers empty onto treatment site. Puncture or shred and bury empty containers in a local authority landfill. If no landfill is available, bury containers below 500mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and tree roots. Empty containers should not be burnt.

**SAFETY DIRECTIONS**

Wash hands after use.

**FIRST AID**

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

**MATERIAL SAFETY DATA SHEET (MSDS)**

Additional information is listed in the MSDS which is available from the supplier upon request.

**CONDITIONS OF SALE**

The use of BiFORCE Granular Insecticide being beyond the control of the manufacturer no warranty expressed or implied is given by SHERWOOD CHEMICALS 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 SHERWOOD CHEMICALS accepts no responsibility for any consequence whatsoever resulting from the use of this product.

APVMA Approval No: 63809/0109

Batch No.

D.O.M.:

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**DIRECTIONS FOR USE****Restrictions:**

Do NOT apply inside buildings. Do NOT apply within 2m of water (ponds, creeks, dams, etc).

SITUATIONS	PEST	RATE (kg/ha)	RATE kg/100m <sup>2</sup>	CRITICAL COMMENTS
Turf (For example: lawns, commercial turf farms, parks, recreational areas, golf courses, bowling greens, sports fields)	Lawn Armyworm ( <i>Spodoptera maurita</i> ) Sod Webworm ( <i>Herpetogramma licarsialis</i> )	60	0.6	Broadcast BiFORCE Granular Insecticide with suitable application equipment to ensure uniform coverage over the treatment area. To ensure optimum control, irrigate the treated area with up to 4mm of water immediately after application. Inspect treated areas for continuing activity. Reapply 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	
	Black Ants, Coastal Brown Ants Funnel Ants, Meat Ants, Sugar Ants, Stinging Ants only	60-220	0.6-2.2	Broadcast BiFORCE 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 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 (300mm radius).

External surrounds of buildings 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	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 BiFORCE Granular 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 BiFORCE Granular Insecticide per 10m <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.
	Fleas (Adults & Larvae) <i>(Ctenocephalides)</i>	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 10mm of water immediately after application. Use higher application rates when treating areas with dense ground cover or heavy leaf litter.
	Ticks <i>(Ixodes spp.)</i>	110-220	1.1-2.2	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 area 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 UNDER APPROPRIATE LEGISLATION.**

## GENERAL INSTRUCTIONS

For optimum results use a properly calibrated granule applicator.

## INSECTICIDE RESISTANCE WARNING

<b>GROUP</b>	<b>3A</b>	<b>INSECTICIDE</b>
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For insecticide resistance management BiFORCE Granular Insecticide is a Group 3A insecticide.

Some naturally occurring insect biotypes resistant to BiFORCE Granular 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 BiFORCE Granular Insecticide or other 3A insecticides are used repeatedly. The effectiveness of BiFORCE Granular Insecticide on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, SHERWOOD CHEMICALS accepts no liability for any losses that may result from the failure of Bifenthrin Granular Insecticide to control resistant insects.

BiFORCE Granular Insecticide may be subject to specific resistance management strategies. For further information contact your local supplier or SHERWOOD CHEMICALS representative or local agricultural department agronomist.

## PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND THE 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 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 Bifenthrin Granular Insecticide within 2 meters of a fishpond or water containing fish or aquatic species.

## STORAGE, SPILLAGE 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 AS2507 – Storage and Handling of Pesticides.

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## SAFETY DIRECTIONS

Wash hands after use.

## FIRST AID

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

## Material Safety Data Sheet (MSDS)

Additional information is listed in the Material Safety Data Sheet which is available from the supplier upon request. Call 0421 667 972

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