ACTIVE CONSTITUENT:
Contains 2 g/kg BIFENTHRIN

NET CONTENTS:
15 kg

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

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

Safety Data Sheet
Additional information is available in the Safety Data Sheet available from the supplier or at www.FMCaustralasia.com.au

GENERAL INSTRUCTIONS

For optimum results use a properly calibrated granule applicator.

RESISTANCE WARNING

For insecticide resistance management Brigade® is a Group 3A insecticide. Some naturally occurring insect biotypes resistant to Brigade® 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 Brigade® or other Group 3A insecticides are used repeatedly. The effectiveness of Brigade® on resistant individuals could be significantly reduced. Since occurrence of resistant individuals is difficult to detect prior to use, FMC accepts no liability for any losses that may result from the failure of Brigade® to control resistant insects. Brigade® may be subject to specific resistance management strategies. For further information contact your local supplier, FMC 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 ie. 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 Brigade® within 2 metres of a fishpond or water containing fish or aquatic species.

STORAGE, 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 the containers below 500 mm 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.

WARRANTY

FMC makes no warranty expressed or implied, concerning the use of this product other than that indicated on the label. Except as so warranted the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

DIRECTIONS FOR USE:

Restraint:

DO NOT apply inside buildings.

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

SITUATIONS	PESTS	RATE kg/ha	RATE kg/100 m²	CRITICAL COMMENTS
Turf (For example: Lawns, Commercial turf farms, Parks, Recreational areas, Golf courses, Bowling greens, Sports fields)	Lawn Armyworm (*Spodoptera maurita*) Sod Webworm *(Herpetogramma licarsisalis*)	60	0.6	Broadcast Brigade® 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. Reapply as required.
	Argentine stem weevil adults (*Listronotus bonariensis*)	60 - 120	0.6 - 1.2	
	African black beetle (*Heteronychus arator*)	120 - 180	1.2 - 1.8	
	Billbug adults (*Spenophorus brunnipenis*)	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 Brigade® 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).
External surrounds of buildings and structures	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. **Perimeter Application:** Where perimeter pest control is being implemented apply Brigade® in a two or three metre band, around and adjacent to the building or structure. **Pad Mounted Electrical Sites:** To reduce or prevent Ant mound building activity on electrical pads, uniformly distribute 60 to 220 g of Brigade® per 10 m² 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) (*Ctenocephalides* 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.
	Ticks (*Ixodes* spp.*)*	110 – 220	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. 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

APVMA Approval No. 52791/1104

The FMC logo and Brigade® are Trademarks or Registered trademarks of FMC or its affiliates.

FMC Australasia Pty Ltd.
Level 2, Building B
12 Julius Ave
North Ryde NSW 2113
Phone: 1800 066 355
www.fmcaustralasia.com.au.

SPECIALIST ADVICE IN EMERGENCY ONLY 1800 033 111
ALL HOURS – AUSTRALIA WIDE