



TURFAID
INSECTICIDE GRANULES

Batch No:
D.O.M.:
L-AU-PROT1005 1.01 01.16

Protect-us

TURFAID™

INSECTICIDE GRANULES

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 for Use Table.

Contents **5 kg**

GENERAL INSTRUCTIONS

For optimum results use a properly calibrated granule applicator.

Insecticide Resistance Warning

GROUP 3A INSECTICIDE

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

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 Protect-us TurfAid Insecticide Granules within 2 metres of a fishpond or water containing fish or aquatic species.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT Dangerous to fish and aquatic organisms. DO NOT contaminate streams, rivers or waterways with the chemical or used containers.

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. Shake containers empty onto treatment site. 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.

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

MSDS Additional information is listed in the Material Safety Data Sheet which is available from Protect-us on request. Call Customer Service 1800 420 144 or visit our web site at www.protect-us.com.au.

NOTICE Protect-us 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 Protect-us, or under abnormal conditions.

PROTECT-US AUSTRALIA PTY LTD
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CUSTOMER SERVICE 1800 420 144
EMERGENCY RESPONSE (ALL HOURS) 1800 420 144
APVMA Approval Number: 67035/104977

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DIRECTIONS FOR USE:

Restrains

DO NOT apply inside buildings.

DO NOT apply within 2 metres of water (eg ponds, creeks, dams, drains)

SITUATION	PEST	RATE kg/ha	RATE kg/100 m ²	CRITICAL COMMENTS
Turf (For example: lawns, commercial turf farms, parks, recreational areas, golf courses, bowling greens, sports fields)	Lawn Armyworm (<i>Spodoptera mauritia</i>)	60	0.6	Broadcast Protect-us TurfAid Insecticide Granules 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.
	Sod Webworm (<i>Herpetogramma licarsalis</i>)	60-120	0.6-1.2	
	Argentine stem weevil adults (<i>Listronotus bonariensis</i>)	120-180	1.2-1.8	
	African black beetle (<i>Heteronychus arator</i>)	60-120	0.6-1.2	
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	Broadcast Protect-us TurfAid Insecticide Granules 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).
	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 Protect-us TurfAid Insecticide Granules 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 grams Protect-us TurfAid Insecticide Granules per 10 m ² 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 and Larvae) (<i>Ctenocephalides</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.
	Ticks (<i>Ixodes</i> 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