

# Bringing the Biff back



Campbell



## BIFF® 100SC

**GROUP 3A INSECTICIDE**

## Broad Spectrum Insecticide

Turf (e.g. lawns, commercial turf farms, parks, recreational areas, bowling greens, sports fields)	Insect Controlled	Rate	Rate per bowling Green (38m x 38m)	Comments
	Lawn armyworm Sod webworm	1.2L/ha (12mL/100m <sup>2</sup> )	173mL	Mix Biff in water and apply evenly over the area to be treated using spray application equipment. Use a minimum water volume of at least 200L/ha (2L/100m <sup>2</sup> ). To ensure optimum control, irrigate the treated area with up to 4mm of water soon after application. Inspect treated areas for continuing activity. Reapply as require. Where a rate range is indicated use lower rates under lower insect pressure and higher rates under higher insect pressure. Apply after mowing to minimise loss of insecticide in clippings.
	Argentine stem weevil adults	1.2 – 2.4L/ha (12-24mL/100m <sup>2</sup> )	173mL-346mL	
	African black beetle adults	2.5-3.6L/ha (25-36mL/100m <sup>2</sup> )	361mL-520mL	
	Billbug adults	1.2-2.43L/ha (12 - 24mL/ 100m <sup>2</sup> )	173mL-346mL	
	Black ant, coastal brown ant, funnel ant, meat ant, sugar ant and stinging ant only	1.2-4.4L/ha (12-44mL/100m <sup>2</sup> )	173mL-635mL	
				Mix Biff in water and apply evenly over the area to be treated using spray application equipment. Apply to areas where ants are active. Where possible spray directly into the nests. Use the low rate for maintenance treatments or to control light infestations and the high rate for heavy infestations and 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 initial number of active colonies is reduced, application should shift to targeting active mounds. Apply spray directly to the mounds and in the area immediately surrounding active mounds (300mm radius). To aid in even coverage a minimum spray volume of 200L/ha (2L/100m <sup>2</sup> ) is recommended.



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# Knock Them Down Then Keep Them Down with



PEST	RATE	RATE PER STANDARD SIZE BOWLING GREEN 1444m <sup>2</sup>
Argentine Stem Weevil	125mL-250mL (12.5L-25L/ha)	1.8L-3.6L
African Black Beetle	125mL (12.5L/ha)	1.8L
Mole Cricket	200mL (20L/ha)	2.9L
Grass-eating Caterpillars e.g armyworm and cutworm	30mL (3L/ha) <i>(does not need irrigation)</i>	430mL

## 2 Step Campbell Insecticide Program:

- 1) Apply Biff as a knockdown then apply Pennside for residual 4 week control  
OR
- 2) Tankmix Biff and Pennside for long lasting control (water in as per Biff label)