

Meridian[®] Turf Insecticide

The all weather grub specialist that performs even in dry conditions



syngenta[®]

Key Benefits

- Season long control of grubs including African Black Beetle, Argentinian Scarab and Billbug
- Effective in wet and dry soil conditions due to high bio-availability (function of solubility and soil binding)
- Irrigation savings of up to 60,000 litres of water per hectare during dry seasonal weather from washing in after application
- Flexible rate ranges for season long control of up to 6 months
- Versatility for use on turf farms, sporting fields, parks, ovals, fairways and other turf situations with irregular irrigation

Insect Management

Situation	Pest	Rate/ha	Critical Comments
Turf	First instar larvae of African Black Beetle	800 g to 1.2 kg	Apply prior to or at peak egg hatch, mid spring to early summer, or when small larvae are present. Ensure product placement as close to soil surface as possible. Preferably spray onto wet or dewy grass. Irrigate with 6 to 12 mm of water commencing within 1 hour of application.
	First and second instar larvae of Argentinian Scarab		
	Larvae of Billbug		Monitor adult activity through late spring and early summer. Spray when numbers peak or when small larvae (4 mm) are found in the thatch or surface soil. Use the higher rate when pest pressure is high or 2nd instar larvae are present. Preferably spray onto wet or dewy grass. Irrigate with 6 to 12 mm of water commencing within 1 hour of application.

Note: The above table represents only a modified extract from the full registered label. Please refer to the registered label for full details.

Turf Species

MERIDIAN can be used on the following turf species

Warm Season Turf Grasses	Cool Season Turf Grasses
Buffalo Grass, Carpet Grass, Common Couch, Couch varieties, Bahia Grass, Hybrid Couch, Kikuyu, Paspalum, Queensland Blue Couch, Zoysia	Bent Grass, Fescue, Kentucky Bluegrass, Perennial Ryegrass

Application Timing and Rate Variation

MERIDIAN is particularly active against the 1st and 2nd instar larvae of the most destructive turf infesting grub species. The window for application should thus be positioned around the peak egg laying period by adult beetles. This timing can be monitored by the increasing activity of adult beetles, usually during spring and early summer.

Example: African Black Beetle egg laying peaks around October whereas that of the Argentinian Scarab peaks around November to early December. An application at 1.2 kg/ha around the end of October should be sufficient to ensure high levels of grub control for the season.

Good application = Good results

	Target	Wind Speed	Nozzle	Water Rate	Pressure	Droplet Size
MERIDIAN	Soil	2-12 km/h	TF5 or TTJ10	590 L/ha [#]	3 bar	Extremely coarse

Consult full registered label for additional information.

[#]Application volume dependent on travel speed.

Active Ingredient

MERIDIAN contains 250 g/kg thiamethoxam, a member of the neonicotinoid insecticides. Thiamethoxam is a Group 4A insecticide.

Mixing and Compatibility

MERIDIAN is a water dispersible granule (WDG) with minimal odour and non-staining properties. MERIDIAN mixes completely with water and may be tank mixed with many commonly used fungicides and liquid fertilisers as long as the tank mix is targeted as a soil application.

MERIDIAN can be tank mixed with HEADWAY MAXX, HERITAGE MAXX, BANNER MAXX and SUBDUE MAXX.

Packaging

MERIDIAN is available in a 1 kg pack size.



For more information and to download the full registered label and MSDS, ask your Syngenta Agent or go to www.greencast.com.au

Syngenta Australia Pty Ltd, Level 1, 2-4 Lyonpark Road, Macquarie Park NSW 2113. ABN 33 002 933 717.

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