

# Innovative, highly effective and fast-acting contact insecticide

## Best uses

Ants, chinch bugs, cutworm, sod webworm, and ticks in turf.

## Key strengths

DeltaGard™ SC is a highly effective, fast acting contact insecticide used at very low rates to control ants, chinch bugs, cutworm, sod webworm, and ticks in turf. DeltaGard SC contains the active ingredient deltamethrin, a third generation pyrethroid insecticide.

Deltamethrin's mode of action is different than organophosphates and carbamates. It affects the nervous system of insects by changing the solubility of the nerve cell membrane; DeltaGard SC affects the insect's transmission of messages sent from the brain by blocking nerve impulses and causing paralysis, which leads to fast knockdown through both contact and ingestion.

## Attributes of DeltaGard SC

- Highly efficacious
- Fast acting
- Broad-spectrum surface insecticide
- Third generation (improved) synthetic pyrethroid
- Very low use rates
- Applicator and environmentally friendly
- Easy to mix and apply liquid formulation
- Low odour
- Excellent fit for IPM

## DeltaGard SC effectively fights the following pests:



chinch bug



cutworm



sod webworm



ant



tick



**Active ingredients**  
deltamethrin 50 g/L



**FRAC code**  
3A (pyrethroid)



**Systemicity**  
controls through contact  
and/or ingestion



**Formulation**  
suspension  
concentrate



**Signal word**  
danger



## How to use DeltaGard SC

For dense turfgrass canopies and/or turf maintained under high mowing heights, water volumes of greater than 10 L per 100 m<sup>2</sup> are recommended. Delay irrigation or mowing for 24 hours following application.

## Key insects controlled

Insect	Recommendations	Rate
Chinch bugs, sod webworms, cutworms, ants	<b>Ground:</b> Apply when insects are present or signs of insect feeding are visible. A second application may be necessary in 2–3 weeks time, where heavy infestations occur.	12 mL/100 m <sup>2</sup> in 6–15 L of water per 100 m <sup>2</sup>
Ticks	Apply DeltaGard SC as a coarse wet spray to areas in a minimum of 8 L of water per 100 m <sup>2</sup> as follows: Apply as a 3 metre band to turf areas around property lines or around structures such as dog houses, kennels, sidewalks, pathways or patios where ticks are a problem. Turf areas that are of particular importance to observe for ticks include those adjacent to forested areas, stonewalls, ornamental plantings and other areas where there is overgrown vegetation. Reduce tick habitat through landscape management practices including but not limited to mowing the turf and removal of weeds, leaf litter and other debris where ticks are found.	12 mL product per 100 m <sup>2</sup> in a minimum of 8 L of water per 100 m <sup>2</sup>

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