

ACTIVE INGREDIENT: TETRANILIPROLE

GROUP **28** INSECTICIDE

TETRINO® FOR CONTROL OF SCARAB GRUBS

Two of the most damaging scarab species are Argentine Scarab (*Cyclocephala signaticollis*) and African Black Beetle (*Heteronychus arator*). The adults of these species become active in spring. After mating egg laying occurs in the soil. The eggs hatch and the larvae feed and mature in the soil. Pupation occurs in the soil before new adults emerge over summer to early autumn depending on the species.

The larvae of scarab grubs can directly damage turf by feeding on their roots. In addition, turf can be severely damaged by birds and other animals as they dig out the larvae from the soil.



Severe turf damage from animals as they seek out scarab larvae on a golf fairway.



CONTROL & MANAGEMENT

Biological Control:

- Entomopathogenic nematodes are available as a biological control agent. Birds and other predators can help reduce populations.



Cultural Practices:

- Maintain healthy turf to withstand infestations.
- Monitor for adults in the spring. This will help determine the potential for damage from larvae to occur later in the season as well as help with calculating timing of preventative insecticide application.

[Tetrino](#) Turf Insecticide controls larvae of scarab beetles in turf including on golf courses, sports fields, bowling greens, racetracks, recreational lawns and turf farms.

[Tetrino](#) is not a scheduled poison and there is no re-entry period.

CONTROLLING SCARAB GRUBS WITH TETRINO

Mode of action

[Tetrino](#) contains the active ingredient tetraniliprole.

Application strategy

Apply as a preventative treatment before or at peak egg hatch which is typically mid-spring to mid-summer depending on species and location, or as a curative application when small larvae are present.



African Black Beetle



Argentine Scarab

TREATMENT TIPS FOR BEST RESULTS

To achieve the best control of Scarab grubs in Australia using [Tetrino](#) Turf Insecticide:

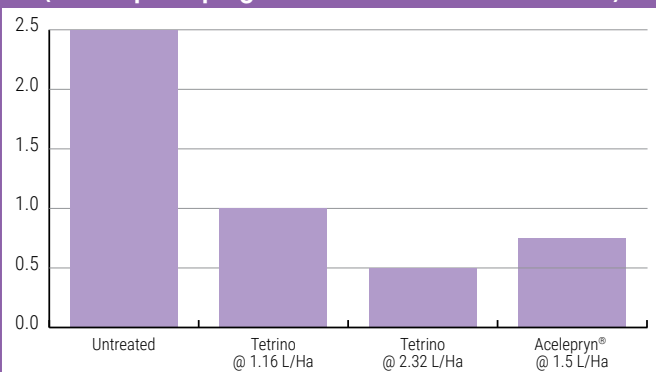
- Apply to mown turf at 1.15-2.3 L/ha in a minimum application volume of 200 L/ha and irrigate treated areas after application with up to 4 mm water.
- Apply the higher rate in situations of high pest pressure or when long residual protection is required.
- Apply a maximum of 4.6 L/ha per year.

TRIAL RESULTS

[Tetrino](#) provides superior control of Argentine scarab larvae.

Application rates of [Tetrino](#) significantly reduces larvae numbers.

Figure 1. Argentine scarab – Trial Number: WR-Tetrino-ABB/ArgScarab2019BAY408 (larvae per 4 plugs five months after treatment)



STEWARDSHIP

Always read the label before use.

For full list of application and usage recommendations, view the [label](#).

CONTACT US

For further information on controlling Scarab Grubs with Tetrino, please contact the Envu team.

Details can be found on the Envu website by visiting [Our Team in Australia](#)

Find out
more about
Tetrino



ALWAYS READ THE LABEL BEFORE USE

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