

Impede®

Insecticide

Exceptional long-term residual control of Argentine stem weevil, funnel ants and Mole crickets.

Impede® insecticide, has been specifically designed for turf and provides highly effective long-lasting control of key insect pests in recreational, domestic and commercial turf situations.

Powered by Fipronil, **Impede** is particularly effective on Argentine Stem Weevil which is considered one of the most serious insect pests affecting highly maintained cool-season turf surfaces in Australia.



Features

Precision application where insects reside.

Outstanding efficacy

Reduces repeat application

Resistance management tool

No dust

Optimises user safety

Benefits

The unique Biodac® granule formulation of **Impede** ensures the active ingredient Fipronil remains in the thatch and soil where the insect pests reside.

Outstanding efficacy on target pests offers exceptional control during the most susceptible periods.

Long-term residual control limits the number of pesticide applications.

Unique resistance management grouping 2B, novel mode of action that reduces the risk of resistance development.

Impede is formulated on Biodac® granules, which are free flowing, uniform in size and produce no dust.

The formulation maximises user safety, with the unique method of application ensuring the lowest possible hazard to users.

Product Update

Toll Free: 1800 558 399

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Life Cycle and Turf Damage

- Argentine Stem Weevils (*Listronotus bonariensis*) can have 3 generations per year. The larvae tunnel into stems and shoots cutting off the supply of food and water.
- Most first generation eggs are laid in September and October.
- Larvae emerge in about 3.5 weeks and feed for 3 or 4 weeks before pupating.
- The timing of development will vary in different states and localities. Key periods for damage are in early November, early January and in late February.
- Damage can often be mistaken for dry patch and is first sighted on the edge of turf areas.

Pack Size

Impede is available in 15kg bags.

Application Information

Apply **Impede** evenly to the surface of turf using a granule applicator.

Impede granules must be incorporated with at least 6 mm of rainfall or overhead irrigation immediately after application.

Impede should be applied to green surfaces as well as cool-season aprons and surrounds, as these higher cut turf areas can also harbour high stem weevil populations.

Directions for use

CROP	PEST	RATE /HA	CRITICAL COMMENTS
Recreational Turf (including bowling greens, golf courses, parks and playing fields, domestic turf and commercial turf farms.	Argentine Stem Weevil (<i>Listronotus bonariensis</i>) Funnel Ant (<i>Aphaenogaster pythia</i>) Mole Cricket # (<i>Scapteriscus didactylus</i> and <i>Gryllotalpa</i> spp.)	Stem weevil 75 kg, Funnel ants 60 kg, Mole Cricket 30 kg	Distribute granules evenly on the surface at the first signs of pest activity. Ensure incorporation with at least 6 mm of rainfall or overhead irrigation immediately after application. Domestic Turf: For use by authorised lawn-care specialists only.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS.

This advertisement is intended as general advice. Disclaimer: The information submitted in this publication is based on current BASF knowledge and experience. In view of the many factors that may affect its application, this data does not relieve the user from carrying out their own tests. The data does not imply assurance of certain properties or of suitability for a specific purpose. It is the responsibility of the user to ensure that any proprietary rights and existing laws and legislation are observed.

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