



# For broad-spectrum systemic insect control

# MERIT®

## Merit® Turf and Ornamental Insecticide

is a broad spectrum, systemic insecticide which is highly effective at low use rates and delivers outstanding control of a variety of turf, ornamental and tree pests. It's low use rates provide a high level of applicator and environmental safety.

### Key features:

- ☑ Proven performance
- ☑ Broad spectrum control
- ☑ Strong residual activity
- ☑ High level of safety to the applicator and the environment
- ☑ Reliable, high quality aqueous concentrate formulation; superior compared to many generic copies
- ☑ Low use rates
- ☑ Low to no odour

### Residual grub control in turf

Merit provides outstanding residual control. The active ingredient in Merit is expected to remain in the grass plant for approximately 90 to 110 days. Incorporation through watering or irrigation is required to maximise the effectiveness of Merit. Watering is recommended soon after application as the product is otherwise subject to degradation from sunlight.



### Target Pests

- African black beetle (larvae)
- Argentinean scarab larvae
- Billbug larvae
- Aphids
- Psyllids
- Scales
- Azalea lace bug
- Elm leaf beetle
- Chrysomelid larvae
- Flatids
- Mealybugs
- Hibiscus flower beetle
- Greenhouse thrips
- Bronze orange bug
- Harlequin bugs
- Pruinose scarab larvae

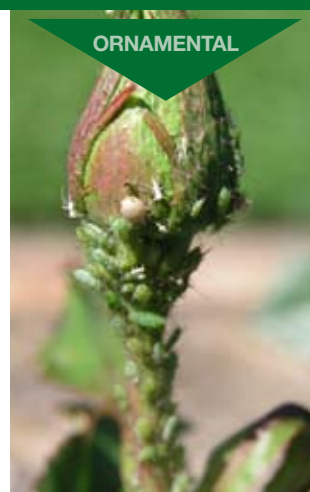
### Areas of use

Turf and ornamental plants and trees.

MERIT HAS A HIGH LEVEL OF EFFICACY AGAINST TURF, ORNAMENTAL AND TREE PESTS



African black beetle



Aphids



Elm leaf beetle

Through market leading research and development; Bayer Environmental Science is committed to providing quality, highly effective, and environmentally sound pest, disease and weed control solutions for the turf and ornamental industry

## Application in ornamentals

### Foliar spray application

- Start treatments prior to establishment of high pest populations
- Apply as a thorough cover spray
- For long-tailed mealybug control add a surfactant

### For soil drench application

- Apply to moist media. With potted plants, use sufficient drench solution to wet most of the potting medium without loss of liquid from the bottom of the container
- Follow application with moderate irrigation. Irrigate carefully during the next 10 days in order to avoid loss of active ingredient due to leaching

Merit insecticide has been used on a wide range of ornamental plant species without damage. However, some species and varieties are particularly sensitive to chemical sprays and as this is often related to local conditions, it is advisable to treat only a small number of plants first in order to ascertain their reaction before treating the whole crop.

## Sustainable Pest Management

Sustainable management of insect pests in turf and ornamental horticulture requires a thorough Integrated Pest Management (IPM) program.

- Correctly identify the pest and determine life-cycle stage
- Monitor population levels
- Implement cultural controls at all times to try to prevent build up of pest numbers
- Identify most suitable registered product available\*
- Utilise chemical control options in order to achieve control and minimise damage

\*It is recommended to conduct a risk assessment on the environmental impact and occupational health and safety implications from chemical use prior to making the decision about which product to use.

## Product profile

### Active ingredient information:

200 g/L imidacloprid

### Chemical Group:

Chloronicotinyl

### Formulation type:

Suspension concentrate

### Pack size available:

1 L and 5 L

## Product safety

### Personal protective equipment required:

Cotton overalls, washable hat and elbow length PVC gloves.

Merit does not accumulate in the environment and is not carcinogenic, teratogenic or mutagenic.

## Regulatory information

**APVMA Approval number:** 54134

**Poisons Schedule:** 5

### Impact on the environment

All pesticides are regulated under the Agricultural and Veterinary Chemicals Act to ensure that they do not pose an unacceptable risk to human health and the environment.

For information regarding pesticide regulatory process please visit the Australian Pesticides and Veterinary Medicines Authority website at [www.apvma.gov.au](http://www.apvma.gov.au)

## Bayer Environmental Science is committed to sustainable development



Merit was the first imidacloprid-based, low-dose-rate insecticide introduced for turf management in Australia. It's excellent environmental safety profile continues to be an important feature of the product today. This information sheet is printed on 100% recycled paper using waterless printing process.



Bayer Environmental Science

**ALWAYS READ AND FOLLOW THE REGISTERED PRODUCT LABEL PRIOR TO USE.**

Merit® is a Registered Trademark of Bayer.

For more information on Merit contact Bayer Environmental Science  
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### Distributor Information