



Technical Information

# Fipronil-based gel; giving quick results.



Bayer Environmental Science are the world leaders in cockroach bait technology.

Which is not surprising when you look at our history of development expertise in this area over more than 10 years. Maxforce Gold is from the first generation of gels where our formulation scientists and biologists tailor-made a bait matrix specifically to cater for a balanced range of cockroach dietary preferences. Combined with an industry leading active ingredient this makes for great results.



### Target pests

- Cockroaches

### Areas of use

Domestic, commercial and public service buildings including; farm buildings, food processing establishments, factories, hospitals, homes, kitchens, offices, restaurants, retail outlets, store-rooms, vehicles and other situations which fall within these definitions.

### Key features:

- ☑ Fast results
- ☑ Excellent palatability
- ☑ Domino Effect (transfer of active substance from cockroach to cockroach leading to dramatically improved results)
- ☑ Very low levels of active substance used
- ☑ Highly safe method of cockroach control
- ☑ Inobtrusive application technique
- ☑ Minimal PPE required

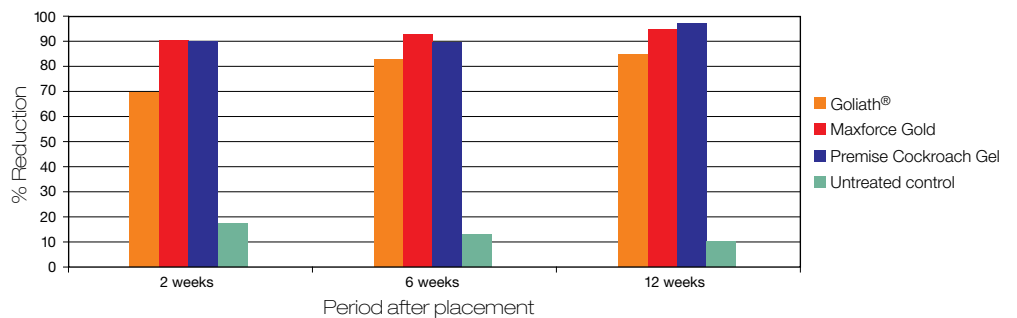
### Application rate and delivery

- ☑ 2–5 spots/m<sup>2</sup> of treated surface  
(Spot size should be about 5 mm in diameter or approximately 0.1 g of product)

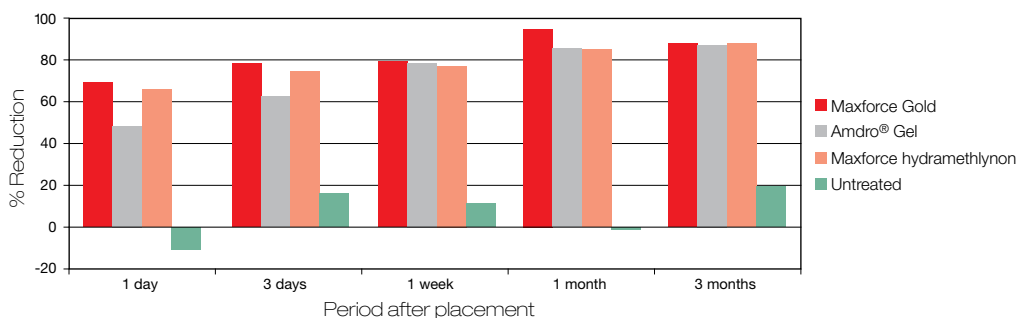
### Comments on application

The use of a gel bait results in an extremely low amount of active substance used. In the case of Maxforce Gold this is equivalent to 0.1–0.25 mg of active substance/m<sup>2</sup> of treated surface.

Average % reduction in American and Australian cockroaches in a field trial (Cairns, 2001)



Average % reduction in cockroach numbers during field trial of various gel baits (Sydney, 2001)



Through market leading Research and Development, Bayer Environmental Science is committed to providing quality, highly effective and safe pest management solutions for Pest Management Professionals.

### Best practice guidelines:

- ☑ Conduct a thorough inspection prior to application of any chemical product.
- ☑ Read and follow directions on the label.
- ☑ Avoid application of synthetic pyrethroid sprays around areas where gel baits have been applied.
- ☑ Monitor bait placements at regular intervals; replenish gel if previous application has been consumed and cockroaches remain a problem; increase number of spots if necessary.
- ☑ Avoid applying to areas which are regularly washed.
- ☑ To avoid resistance development rotate with other gel baits which use other active substances.
- ☑ In order to reduce possibility of development of gel aversion, consider integrated use of other control methods too (eg. use of non-repellent dusts and sprays).



### Product profile

#### Active ingredient information:

0.3 g/kg fipronil

#### Insecticide Group:

Phenyl pyrazole

#### Formulation type:

Ready to use gel bait

#### Pack size available:

35 g cartridge

### Product safety

#### Personal protective equipment required:

None.

No products produced by Bayer Environmental Science have been shown to be carcinogenic, teratogenic or mutagenic.

### Regulatory information

**APVMA Approval number:** 55553

**HSNO Approval number:** HSR000821

**AQIS IOA Status:** 16 D

**Poisons Schedule:** Exempt

#### Other regulatory information:

Use of this product according to the registered label is consistent with the requirements of HACCP Procedures used within food processing establishments.

#### 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 more 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**

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

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For more information on MAXFORCE contact Bayer Environmental Science [www.bayeres.com.au](http://www.bayeres.com.au)

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### Distributor Information