

# GOLIATH<sup>®</sup> COCKROACH GEL

A fast and cost effective  
cockroach treatment in a  
highly palatable gel bait.

- Fast, reliable action for immediate results
- Unique 'Transfer Effect™' for complete control
- Low dose rates for value and risk management
- Precision application for speed and accuracy

**Pest Control Solutions**

 **BASF**

The Chemical Company

# GOLIATH<sup>®</sup> COCKROACH GEL

**Goliath<sup>®</sup> Gel** is the best way of minimising the cost of a cockroach treatment, while maximising its effectiveness and convenience.

**Goliath Gel** is a ready-to-use formulation of the advanced insecticide, fipronil, which is faster-acting and more reliable.

**Goliath Gel** is easy to apply in the least possible time, to give the most rapid, long lasting and cost-effective cockroach control.

**Goliath Gel** is applied at low doses ensuring risk management and least disruption, even in the most sensitive areas.

**Goliath Gel** can be used in conjunction with a non-repellent spray, such as Phantom<sup>®</sup> Insecticide for an effective IPM Program.

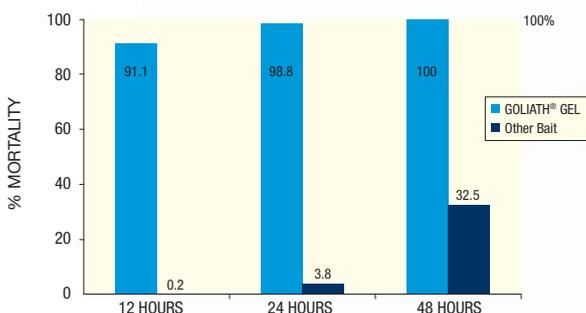
## Fast, Reliable Action for Immediate Results

The high potency of fipronil and great palatability of its gel formulation make **Goliath<sup>®</sup> Gel** faster-acting and more reliable. It is active against all major cockroach species including, *Blattella germanica* (German cockroach), *Blattella orientalis* (Oriental cockroach) and *Periplaneta americana* (American cockroach).

A single 0.03g spot of **Goliath Gel** is capable of killing 1000 cockroaches, its advanced formulation and stable bait matrix make it highly attractive to foraging individuals even in the presence of other food sources.

This means feeding begins almost immediately after application and cockroaches die within a few hours of a single feed.

**GOLIATH<sup>®</sup> Gel efficacy laboratory conditions  
on German cockroaches - Prof Singgih, Bogor, Indonesia**



Graph 1: Goliath provides rapid and effective control of German cockroaches. 100% control achieved in 48 hours.



## Small spots, powerful performance

The power of **Goliath Gel** lies in its greater speed of action and its exceptionally high activity against cockroaches. Very high cockroach mortalities are achieved more quickly than with other baits. Under laboratory conditions, this high mortality is achieved within 12 hours of cockroaches consuming the gel.

The superior potency of fipronil means that treating cockroach infestations with **Goliath Gel** requires at least 60% less bait than alternative treatments. This makes a single tube go almost 3 times as far as other gel baits, offering far greater cost-effectiveness in use than simple weight-based comparisons suggest.

In addition, **Goliath Gel's** small, extremely stable and odourless bait points and fipronil's very limited absorption through the skin mean sensitive areas can be treated with minimal disruption to people or pets.

## Transfer Effect™ for Complete Control

Once cockroaches have eaten **Goliath Gel**, they contaminate others through cannibalisation and consumption of faecal matter. This means that **Goliath Gel** has a powerful "Transfer Effect™" or secondary kill that extends its activity to areas that are difficult to treat, ensuring that the population of cockroaches is fully controlled. In effect, each cockroach that consumes the gel acts as a mobile bait, taking product back to the harbourage.

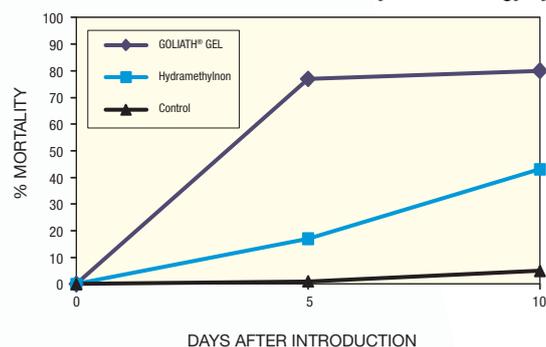
This unique Transfer Effect is a particularly important mechanism, as not all cockroaches will find the gel placements. Knockdown products like sprays, which cause rapid mortality, do not have this effect because the cockroaches are killed before they have the chance to return to the harbourage. Hence, while sprays may provide a quick knockdown, they can have difficulty in completely controlling infestations where cockroaches remain hidden or do not expose themselves to the sprayed surfaces.

**Goliath Gel** controls cockroaches at their source, which translates into highly effective, long-term control. The gel that remains after the infestation has been controlled will continue to be effective, and will provide protection and control of future infestations for a period of approximately three months.

### Goliath Gel Spot Size Recommendation

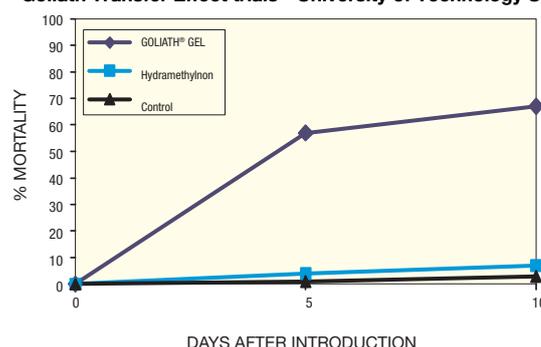
Small cockroach species:	Large cockroach species:
●	●
3-4mm in Diameter	6mm in Diameter
(e.g. German cockroach, brownbanded cockroach)	(e.g. American cockroach, smokey brown cockroach, Oriental cockroach, Australian cockroach)

Percent mortality of German cockroach nymphs by secondary kill Goliath Transfer Effect trials - University of Technology Sydney



Graph 2: Goliath provides superior transfer against German cockroaches.

Percent mortality of American cockroach nymphs - secondary kill Goliath Transfer Effect trials - University of Technology Sydney



Graph 3: Goliath provides superior transfer against American cockroaches

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## Effective Use for the Greatest Value

**Goliath Gel** contains 0.05% fipronil in a highly palatable and stable gel bait. It can be applied in domestic, commercial and public service buildings.

**Goliath Gel** is supplied in 35g tubes, each containing sufficient gel to produce over 1000 standard 0.03g bait placements and treat over 50 homes. So when compared to other commonly available baits, treating with **Goliath Gel** is highly cost efficient.

For an effective Integrated Pest Management (IPM) program, BASF recommends using a non-repellent spray, such as Phantom<sup>®</sup> Insecticide in conjunction with **Goliath Gel** for a reliable cockroach treatment.

Situation	Pest	Rate
Domestic, Commercial and Public Service Buildings	German and other common cockroaches	Apply 1-3 spots per m <sup>2</sup> . Recommended spot size is 0.03-0.06g. Increase the number of spots (up to 3) and spot size depending upon severity of infestation and species present.

### Critical comments

Gel placement should be at or near areas where cockroaches gather, such as in cracks and crevices. DO NOT place in areas that are routinely washed.

### IMPORTANT INFORMATION

THIS IS NOT THE LABEL AND USERS SHOULD REFER TO THE PRODUCT LABEL FOR FULL DETAILS.

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[www.pestcontrol.basf.com.au](http://www.pestcontrol.basf.com.au)

**Goliath<sup>®</sup> Gel** should be applied by a licensed pest controller only. Always read the product label before use. This brochure is intended as advice.



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