

## PRETECTOR cockroach bait

contains 0.05 % Fipronil

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**

ZenithCropSciences

**Box of six 30 g syringes**

**PRETECTOR** is the best way of minimising the cost of a cockroach treatment, while maximising its effectiveness and convenience.

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

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

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

### Fast, Reliable Action for Immediate Results

The high potency of fipronil and great palatability of its gel formulation make **PRETECTOR 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 **PRETECTOR 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.

### Transfer Effect™ for Complete Control

Once cockroaches have eaten **PRETECTOR gel**, they contaminate others through cannibalisation and consumption of faecal matter. This means that **PRETECTOR 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. **PRETECTOR 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.



### Small spots, powerful performance

The power of **PRETECTOR 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 **PRETECTOR 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 costeffectiveness in use than simple weight-based comparisons suggest. In addition, **PRETECTOR 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.

### Spot size recommendation

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

### Effective Use for the Greatest Value

**PRETECTOR 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 **PRETECTOR gel** is highly cost efficient.

Situation	Pest	Rate
Domestic, Commercial and Public Service Buildings	German and other common cockroaches	Apply 1-3 spots per m2 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.
<b>Critical comments:</b> Gel placement should be at or near areas where cockroaches gather, such as in cracks and crevices. <b>DO NOT</b> place in areas that are routinely washed.		

### USE BIOCIDES SAFELY

**ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE PRETECTOR**

**PRETECTOR IS A REGISTERED TRADEMARK OF Zenith Crop Sciences**

**THIS PRODUCT GUIDE IS NOT TO BE CONSTRUED A LEGALLY BINDING DOCUMENT.**

**SPECIFICATIONS OF THE PRODUCTS AND REPRESENTATIONS AND WARRANTIES SHALL BE EXCLUSIVELY DEALT WITH IN THE DISTRIBUTION AND/OR SALES CONTRACTS.**

