

KEY INFORMATION

Pesticide Type:	Residual Insecticide (Gel Bait)
Pesticide Group:	Avermectin
Active Constituent:	Abamectin
Concentration:	0.05% or 0.5g/kg
Toxicity of Active:	Oral LD50>5000mg/kg Dermal LD50>5000mg/kg
Resistance Group:	Group 6A Insecticide
AQIS Approval:	Category 16 – Pesticide Type D – expires 7 th Feb.2006

FORMULATION

A combination of proteins and carbohydrates selected to develop a highly attractive bait matrix. It is formulated to remain moist.

PEST CONTROLLED

Cockroaches

SITUATION

Domestic, Commercial and Industrial

AVERMECTIN

Abamectin is derived from a naturally occurring soil micro-organism, which has a low toxicity in mammals and is effective in small doses. It is a Gaba inhibitor that interferes with the insect's nerve impulses and begins affecting cockroach populations within 24 hours. This type of insecticide allows the cockroach time to return to the nest, where the insecticide can be passed to other cockroaches, which minimizes reproduction and ultimately reduces and controls the population. If the product is used according to instructions control may be achieved within a week.

APPLICATION

It is a crack and crevice product that should be placed in areas where people and animals will not come in direct contact. Avert cockroach Gel Bait is provided with the choice of two delivery systems, the 30g syringe reservoir for use with a conventional application gun and the piston can (120gm) designed for convenience and high usage patterns. The use of plastic disposable or permanent stations like D-Sect is strongly recommended.

MODE OF ACTION

Abamectin has a dual mode of action. It works both as an Insect Growth Regulator (IGR) and as a conventional insecticide with a unique mode of action. The abamectin interferes with neurone transmission by affecting chloride channels. Abamectin is unique and its mode of action is not shared by any other chemical classes. Cross resistance with existing conventional insecticides has not been observed.

SPECIAL COMMENTS

There is no known resistance to abamectin. Highly resistant cockroaches have been tested and effectively controlled with Avert Cockroach Gel Bait. Tests have been carried out by force feeding cockroaches on Avert over 50 generations and Insecticide Resistance was not observed. This product is highly suitable to treat resistant cockroach populations.