



**Premise[®]
Cockroach Bait**

An Effective Method to Control Cockroaches

Premise cockroach bait is a ready-to-use gel bait formulation for the control of cockroaches in commercial and industrial area.

Direction for use:

Apply the bait to their harborages, cracks and crevices, edges and corners of walls, cupboards, cabinets, under sink and area where cockroaches are active.

Infestation Level	German cockroach (<i>Blattella germanica</i>)	American cockroach (<i>Periplaneta americana</i>)
Normal	1 dot/linear metre or square metre (2.1mg imidacloprid)	2 dot/linear metre or square metre (4.2mg imidacloprid)
Severe	2 dot/linear metre or square metre (4.2mg imidacloprid)	3 dot/linear metre or square metre (6.3mg imidacloprid)

○ The recommended Premise cockroach bait gel size is 5mm in diameter that is equal to 0.1g.

Monitor regularly. Reapply as required or when eaten-off by cockroaches.



General Precautions

- Keep out of reach of children, pets or animals.
- Strictly follow label instructions when handling the product.
- Store only in it's original packaging and away from food, drink and animal feedingstuff.
- To preserve quality, protect from temperature above 40°C.

Bayer Environmental Science
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READ THE PRODUCT LABEL BEFORE USE

For more information please contact:



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THIS IS A PESTICIDE ADVERTISEMENT
TO BE HANDLED BY TRAINED PERSONNEL ONLY.



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Introduction

Throughout most of the modern pest control era, the main tool for the PCO has been the spray. Since the advent of synthetic chemicals for pest control, liquid sprays have been the tool of choice for PCOs.

Baiting today has been revolutionised by the introduction of Premise cockroach bait. In addition, Premise cockroach bait allows targeted application, close to the target population. Small amount of active ingredient needs to be applied to achieve a good result, which is good for the PCO and the clients.

◆ Points to consider

Bait should not be applied to surfaces recently treated with insecticides because cockroaches tend to avoid treated surfaces. Do not apply bait to surfaces that are regularly cleaned or washed down, as this will remove the bait.

It is always better to clean the site thoroughly before treatment commences to minimise competition with other food sources. Inspection is recommended after one month to make sure that sufficient bait is still available. This is especially necessary in high infestation areas such as near water heaters where eat-out can occur, especially if insufficient spots have been applied.

◆ Efficacy

Imidacloprid is the active ingredient in Premise cockroach bait and no repelling effect to cockroaches.

Premise cockroach bait has been formulated as an attractive food to cockroaches that they will feed as soon as they found the bait. The knockdown effect is not instant. Dead cockroaches can be found on the floor and in cupboards later after treatment.

Some live cockroaches will also be seen in the first few days until they feed on the bait. Within a few weeks the population will be reduced to negligible levels.

To examine whether a product works in the real world, Bayer has trials conducted under the most testing conditions. Studies were carried out against German cockroaches in low-income housing areas. Cockroach populations were assessed by placing sticky traps around the kitchens of apartments where high populations of cockroaches were found. Sticky traps alone have been shown to have no real impact on resident German cockroach populations.

Premise cockroach bait applied as 0.1 g spots, performed well with where cockroaches found dead on the floors and in cupboards on the morning after treatment. Sticky trap counts over the following weeks confirmed an average

The formulation is attractive to cockroaches and is easy to apply

population reduction of more than 80% after four weeks and more than 90% after eight weeks. In the same trial, it was also concluded that the efficacy of cockroach control with gel is enhanced when the placement spots is increased. As evident in the trial there was insignificant influence when the placement spots size is reduced.

Packaging

Premise cockroach bait is packed in standard 30 g cartridges that are made to fit the Baitgun or other similar application devices. Plungers will also be available for the cartridges so that they can be used without additional equipment.



Summary

- Bait are easy to apply than sprays as there is no need to empty kitchen cupboards.
- There is a lower chance that the product will be wasted due to over-application.
- The spots applied hold their shape and do not run or end up in locations where the bait is not desired.
- Premise cockroach bait Gel is best applied to areas near cockroach harborages.
- The Premise cockroach bait formulation is attractive to cockroaches and is easy to apply.

◆ Appearance

Premise cockroach bait is a white gel, toothpaste-like, in appearance. Once applied to surfaces the bait spots (placements) maintain their shape and do not run, even in very warm locations. Over several weeks the gel placements may develop a "skin", but they still remain soft and attractive to cockroaches.

Premise cockroach bait does not leave dirty or oily marks on surfaces, but nevertheless, gel placement should be made in out-of-the-way places so that they are not visible to the client, just the sort of places where cockroaches hide. Spots of bait that have been placed incorrectly can easily be removed with a 5% salt solution. Do not apply gel to fabrics or carpets as they may become sticky and attract dirt.

◆ Convenience

Premise cockroach bait is very easy to apply. Premise cockroach bait is applied to cracks and crevices where cockroaches are known to harbour.

◆ Situations for use

Premise cockroach bait is intended for use in conventional bait guns or syringes as a spot and/or crack and crevice application. It can be used indoors or outdoors in almost any situation such as residential, commercial, industrial and institutional buildings, including food

handling facilities, as well as in transport vehicles, such as aircraft. It can also be applied on farms and within animal housing.

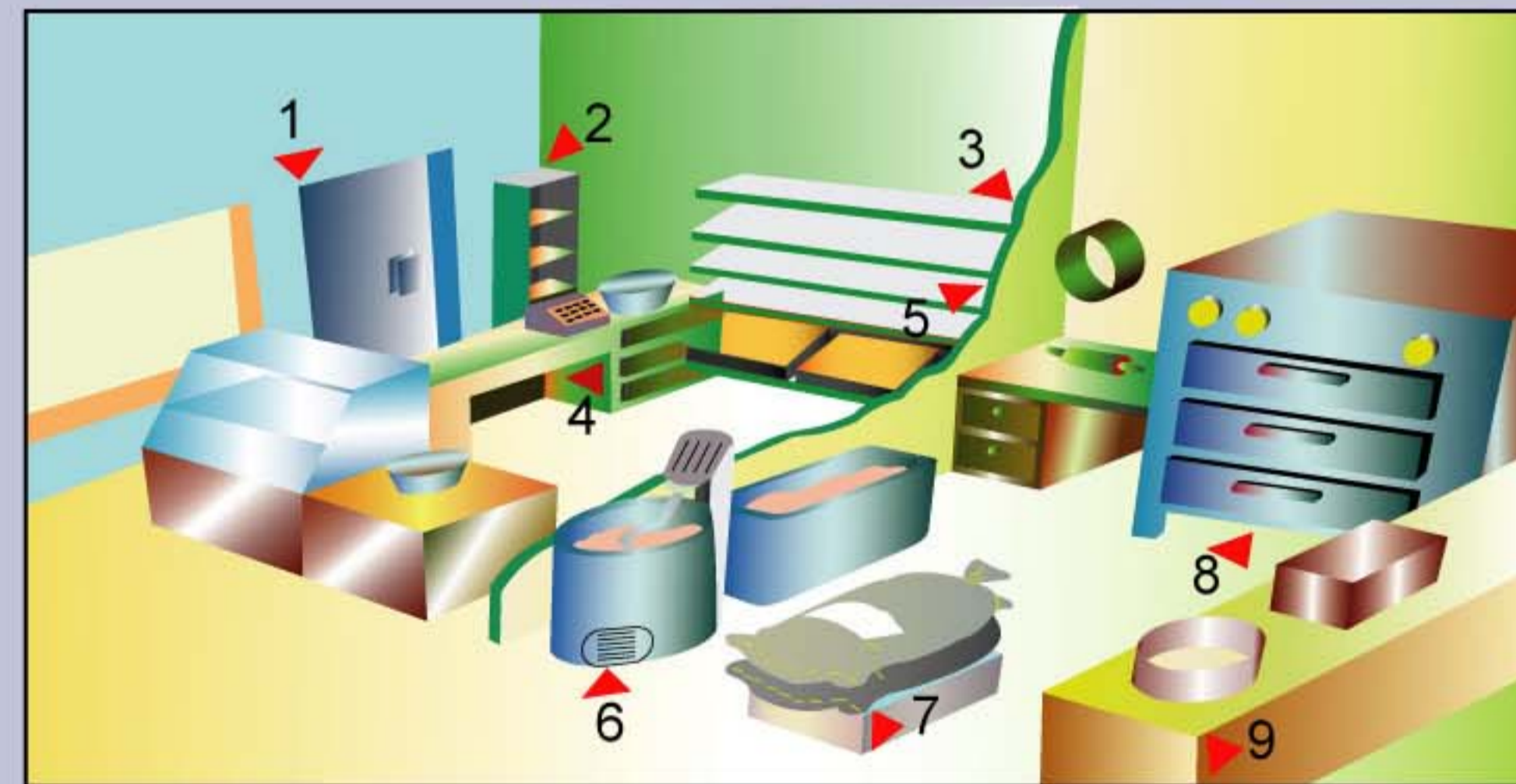
◆ Application

Premise cockroach bait has simple directions for use that can be adapted for each client. There is a basic dosage that can be increased by multiplying the number of spots (or spot size) when there is a heavy infestation or large cockroach species are involved. Some guidelines to application quantities are given below.

A single spot size of about 5 mm (0.1 g) is generally recommended, but the bait can be applied as a line into cracks, etc., if this is more appropriate for that particular site.

Infestation level	Spots per m ² or linear metre	
	Low	High
Small species (e.g. German cockroaches)	●	●●
Large species (e.g. American cockroaches)	●●●	●●●●

Common locations where to place Premise cockroach bait



Commercial and Industrial Area

1. At the door and window frame.
2. At corners of walls or cracks.
3. In between wall and cabinet.
4. Under the table.
5. At the corners of racks.
6. Under electrical equipment or in between crevices.
7. In storage area.
8. Under the oven.
9. At the corners under preparation table.