

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Insecticide



# AGENT PEST BAIT

Reg. No. L 9351 Act/Wet No. 36 of/van 1947  
N-AR 1483

2:25/02/2014-March V2 2017

*A ready to use insecticidal gel-type bait for the control of Cockroaches in public hygiene practice.*

*'n Gereed-vir-gebruik gel-tipe insekdodende lokaas vir die beheer van Kakkerlakke in publieke higiëne.*

## ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

hydramethylnon 21.5 g/kg hidrametiel

IRAC INSECTICIDE GROUP CODE **20A** IRAC INSEKDODER GROEPKODE



**villa**   
PUBLIC HEALTH

Registration holder / Registrasiehouer:

Villa Crop Protection (Pty) Ltd.

Co. Reg. No. / Mpy. Reg. Nr. 1992/002474/07

PO Box / Posbus 10413, Aston Manor, 1630

Tel: 011 396 2233

Website / Webblad: [www.villacrop.co.za](http://www.villacrop.co.za)

## 24 HR EMERGENCY NUMBER:

Griffon Poison Information Centre: 082 446 8946

Namibia: +264 61 299 9924

+264 61 211 111

UN Number: 3082

Willow Set & Print 011 394-4486

GEBRUIKSAANWYSYNGS INGESLUIT

VERWYS NA BESONDERHEDE  
GEDRUK OP HOUER/SAK

Date formulated:  
Formuleringsdatum:

REFER TO DETAILS PRINTED  
ON CONTAINER/BAG

DIRECTIONS FOR USE ENCLOSED

Batch number:  
Lotnommer:



CAUTION  
VERSIGTIG



**AGENT PEST BAIT**

Reg. No. L 9351 / N-AR 1483 Act/Wet No. 36 of/van 1947

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**ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL:**

hydramethylnon/hidrametiel..... 21.5 g/kg

Registration holder / Registrasiehouer:

**VILLA CROP PROTECTION (PTY) LTD**

Co. Reg. No.: 1992/002474/07 Mpy. Reg. Nr.

PO Box / Posbus 10413, ASTON MANOR, 1630,

TEL.: (011) 396 2233.

**CAUTION / VERSIGTIG****WARNINGS**

- Handle with care.
- May cause moderate skin and eye irritation.
- Harmful if swallowed or absorbed through skin.
- Slightly toxic to practically non-toxic to birds, depending upon the species.
- Moderately to highly toxic to freshwater fish. Also moderately toxic to freshwater insects and shrimps. However, aquatic life is not likely to be exposed because the active does not dissolve in water and also breaks down rapidly in water.
- Store away in the original box in a cool dry place away from food and feeds.
- Keep out of reach of children, uninformed persons and animals.
- Keep exposed gel away from open foods and food contact surface.
- **In case of poisoning, take the patient immediately to a doctor and make this label available to him/her.**

Although this remedy has been extensively tested under a large variety of conditions, the registration holder does not warrant that it will be efficacious under all conditions, because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pests to the remedy concerned, as well as by the method, time and accuracy of the application. The registration holder furthermore, does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for the lack of performance of the remedy concerned, due to failure of the user to follow the label instructions or to the occurrence of conditions, which could not have been foreseen in terms of the registration. Consult the supplier in event of uncertainty.

**PRECAUTIONS**

- Prevent skin and eye contact.
- In case of accidental skin or eye contact, wash with soap and water and rinse eyes thoroughly with clean water.
- Apply out of the reach of children, uninformed persons and animals.
- Do not eat, drink or smoke during application.
- Wash hands after application.
- Prevent contamination of food, feeds, food processing surfaces, food utensils and drinking water with the gel. In case of contamination of non-target surface with **AGENT PEST BAIT** during application, remove the gel with a damp paper towel and discard in a refuse bin. Clean area thoroughly.
- Do not apply gel to areas which have been recently sprayed with insecticides and avoid spraying insecticide over gel as it may cause the bait to become repellent.
- When empty, dispose of the cartridges safely.
- Do not attempt to open or re-fill the cartridge.
- Do not re-use the cartridge for any other purpose.

**RESISTANCE WARNING**

**AGENT PEST BAIT** is a group code 20A insecticide. Any insect population may contain individuals naturally resistant to **AGENT PEST BAIT** and other group code 20A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **AGENT PEST BAIT** or any other group code 20A insecticides.

To delay insecticide resistance:

- avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank mix with products from different insecticide group codes, **AGENT PEST BAIT** can be alternated with **ROSSI INSECT BAIT** (group code 2B) and/or **IMIDOR INSECT BAIT** (group code 4A) for cockroach resistance management.
- integrate other control methods (chemical, cultural, biological) into insect control programmes.

For specific information on resistance management contact the registration holder of this product.

**DIRECTIONS FOR USE: Only use as directed.**

**Product information:**

- **AGENT PEST BAIT** controls target insects with a single feeding.
- It is effective in the control of Cockroaches because insects feeding on the bait serve as carriers of the active ingredient to harbourages.
- Application rate is dependent on the level of infestation and species to be controlled. **AGENT PEST BAIT** is very attractive to Cockroaches and feeding begins soon after placement of the gel. Cockroaches are coprophagous, which means they eat their own faeces and the faeces of other roaches. They are also cannibalistic, which means they feed on each other. After consuming a lethal dose of bait, Cockroaches return to the harbourage where they excrete faeces containing the active, **Hydramethylnon**. As other Cockroaches consume the contaminated faeces, they too receive a lethal dose. When the roaches die, other roaches may consume their carcass and die as well. It is effective against the nymphs and adults of the American cockroach, *Periplaneta americana*, and the German cockroach, *Blattella germanica*. Typically Cockroaches will die a few hours after a single feed on **AGENT PEST BAIT**. In infested premises, dead Cockroaches will normally be seen within 24 hours of treatment.

**General information:**

**AGENT PEST BAIT** may be used as a spot or crack and crevice treatment for the control of Cockroaches in:

- Houses, including kitchens, places where food is processed and served such as dining rooms, restaurants and food manufacturers, warehouses and shops, public buildings e.g. schools, hospitals, hotels, prisons, churches, theaters etc.
- Industrial premises e.g. factories, warehouses, shops, workshops, aircraft, vehicles, railways and ships.
- Non-food areas such as garbage rooms, toilets, floor drains, locker rooms, boiler rooms etc.

**USE RESTRICTIONS**

**Applications in food/feed handling areas:**

- Do not apply bait to areas where food/feed, food utensils or food processing surfaces may become contaminated.
- Do not apply bait in cracks and crevices of areas that are routinely washed, tops of tables, food/feed preparation and prepared food/feed holding surfaces as the bait may be removed by washing.
- Do not apply bait to surfaces where the temperature exceeds 50 °C as bait may run. Examples include, but are not limited to, portions of stoves, ovens, grills, fume hoods, heat lamps, coffee urns, steam tables, toasters, fryers, dishwashers and hot water pipes.
- Care should be taken to avoid depositing gel onto exposed surfaces. If gel contacts an exposed surface, remove it and wash exposed surface.
- Food/feed areas include areas for receiving, storage, packing, preparing edible waste for storage and enclosed processing systems (mills, dairies, edible oils, syrups). Serving areas are also considered a food area when food is exposed and facility is in operation.

**General instructions:****CONTROL OF COCKROACHES**

- Locate areas frequented by Cockroaches by means of inspection or trapping with sticky traps. Cockroaches typically prefer areas that are dark, warm, humid and undisturbed (such as behind refrigerators and in electrical equipment). Also look out for empty egg cases, Cockroach faeces and cast skins.
- Best control is achieved when **AGENT PEST BAIT** is placed within or close to areas where they feed and breed. Clean the area to be treated before treatment and remove alternative food sources.
- Apply **AGENT PEST BAIT** as small spots throughout the target area in dark out-of-sight locations in cracks, crevices, behind cupboards and shelves, under kitchen appliances, in electrical control boxes, voids and ducting and under bathroom fixtures etc.
- However, for improved residual control, do not apply **AGENT PEST BAIT** where it will become wet, submersed or removed by regular cleaning.
- Other insecticides must not be applied on or around **AGENT PEST BAIT** spots, or the spots placed on recently treated surfaces. The **AGENT PEST BAIT** will be contaminated and Cockroaches may be discouraged to feed on it.

**APPLICATION INSTRUCTIONS**

Situation / Pest	Dosage rate Remarks
<p><b><u>American cockroach,</u></b> <i>Periplaneta americana &amp;</i></p> <p><b><u>German cockroach,</u></b> <i>Blattella germanica</i></p> <p>Buildings and structures - Domestic, Public and Commercial Buildings</p>	<p>Refer to “APPLICATION INSTRUCTIONS” above. In cases of severe infestation and in areas that are dirty and cluttered or in places where alternative sources of food cannot be entirely eliminated, use the higher rate.</p> <p><b><u>NORMAL RATES:</u></b></p> <p><u>American cockroach</u></p> <ul style="list-style-type: none"> <li>• Place 2 spots of 0.25 g gel per m<sup>2</sup></li> </ul> <p><u>German cockroach</u></p> <ul style="list-style-type: none"> <li>• Place 1 spot of 0.25 g gel per m<sup>2</sup></li> </ul> <p><b><u>HIGH RATES:</u></b></p> <p><u>American cockroach</u></p> <ul style="list-style-type: none"> <li>• Place 4 spots of 0.25 g gel per m<sup>2</sup></li> </ul> <p><u>German cockroach</u></p> <ul style="list-style-type: none"> <li>• Place 2 spot of 0.25 g gel per m<sup>2</sup></li> </ul> <p>A spot of 0.25 g is about 3 to 4 mm in diameter.</p> <ul style="list-style-type: none"> <li>• Remove the cap on the nozzle of the cartridge, attach the application tip, and touch the tip to the surface to be treated and depress plunger slightly. Recap the cartridge after treatment is completed and return cartridge to the outer pack.</li> <li>• Re-inspect treated areas after 1 to 2 weeks. If the initial infestation was severe, apply a second <b>AGENT PEST BAIT</b> treatment after the first treatment has been entirely consumed and live Cockroaches are still observed.</li> <li>• Increase the number of spots and spot size depending upon severity of infestation and species present.</li> </ul>

**NOTE**

**THE APPLICATION OF SMALLER, MORE FREQUENT GEL SPOTS ARE BETTER THAN OCCASIONAL LARGE SPOTS.**

**ROSSI INSECT BAIT** (Reg. No. L 9307, Act No. 36 of 1947) and **IMIDOR INSECT BAIT** (Reg. No. L 9339, Act No. 36 of 1947) are registered products of **VILLA CROP PROTECTION (PTY) LTD.**