

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Insecticide



**KARBA 50 DP**

Reg. No. L 1081 Act/Wet No. 36 of/van 1947

3: 28/1/2014 – March 2017

*A dusting powder contact and stomach insecticide for agricultural, veterinary, home & garden uses as listed.*

*'n Stuifpoeier kontak- en maag insekdoder vir landboukundige, veeartsenykundige, huis & tuin gebruikte soos aangedui.*

**ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL**

carbaryl (carbamate) **50 g/kg** karbariel (karbamaat)

IRAC INSECTICIDE GROUP CODE **1A** IRAC INSEKDODER GROEPKODE

**20 kg**

**villa**

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)

**UN Number: 2757**

Willow Set & Print 011 394-4486



**CAUTION  
VERSIGTIG**



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IRAC INSECTICIDE GROUP CODE / IRAC INSEKODER GROEPKODE: 1A

**ACTIVE INGREDIENT / AKTIEWE BESTANDEEL:**

carbaryl (carbamate) / karbariel (karbamaat) ..... 50 g/kg

**VILLA CROP PROTECTION (PTY) LTD.**

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

PO Box / Posbus 801

KEMPTON PARK, 1620 Tel. (011) 396 2233

**CAUTION / VERSIGTIG****WARNINGS****Withholding periods:**

**Allow the following number of days between the last application and harvest or grazing of the crops listed below:**

Lucerne (grazing)	14 days before grazing
Lucerne (cut to be baled)	1 day before being cut
Tobacco	14 days
Grape vines	14 days
Grazing	14 days

**IN THE CASE OF CROPS INTENDED FOR EXPORT, CONFIRM WITHHOLDING PERIODS WITH THE RELEVANT EXPORT ORGANISATION. IF THIS PRODUCT IS USED ACCORDING TO THE RECOMMENDATIONS ON THIS LABEL, LOCAL MRL VALUES WILL NOT BE EXCEEDED. HOWEVER, VILLA CROP PROTECTION (PTY) LTD. CANNOT ACCEPT RESPONSIBILITY FOR EXPORTED CROPS EXCEEDING THE IMPORT TOLERANCES OF OTHER COUNTRIES.**

- Handle with care.
- Harmful if swallowed and inhaled.
- May cause irritation to the eyes.
- Toxic to fish, bees and wildlife.
- Store the product inside the original container/bag and always keep the container/bag tightly closed.
- Store in a cool, dry, well-ventilated place, away from food, seed and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Do not enter the treated area until spray deposit has dried unless wearing protective clothing.

**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 soil, climatic and storage conditions, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest against the remedy concerned, as well as by the method, time and accuracy of application. The registration holder further does not accept responsibility for damage to crops, vegetation, the environment or harm to man or animal or for 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 any uncertainty.**

**PRECAUTIONS**

- Avoid ingestion or inhalation of the dust.
- Avoid contact with the skin, clothes and eyes.
- Wear protective clothing, e.g. rubber gloves, rubber boots, a face shield to cover nose and mouth and a face mask, a long sleeve shirt and trousers must be worn when handling, preparing and applying the product.
- Wash with soap and water after use or after accidental skin contact.
- In case of eye contamination, rinse the eyes thoroughly with plenty of clean, cold water for at least 15 minutes. If irritation persists obtain medical aid.
- Do not eat, drink or smoke whilst preparing or applying or before washing hands and face or change of clothing.
- Prevent drift onto other crops, grazing, rivers, dams and areas not under treatment.
- Do not apply near fishponds, fish bowls and aquaria.

- Clean the applicator after use and dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- Containers and packages/bags must be completely emptied before being disposed of. Shake out thoroughly into the applicator and destroy the empty container/bag thereafter in the described manner.
- Destroy the empty container/bag by perforation and flattening and dispose of it in a safe manner.
- **Never** re-use the empty container/bag for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.

### **RESISTANCE WARNING**

**KARBA 50 DP** is a group code 1A insecticide. Any insect population may contain individuals naturally resistant to **KARBA 50 DP** and other group code 1A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **KARBA 50 DP** or any other group code 1A insecticide.

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,
- 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:** Use only as directed.

### **APPLICATION RATES**

#### **AGRICULTURAL, HOME & GARDEN**

<i>Crop / Pest</i>	<i>Dosage rate</i>	<i>Remarks</i>
<b><u>Cotton</u></b> Red bollworm	15 to 20 kg / ha	Dust plants thoroughly as soon as the pest is observed. Repeat application at 10 to 14 day intervals.
<b><u>Tobacco</u></b> African bollworm & Tobacco slug	20 kg / ha	Dust plants thoroughly as soon as the pest is observed. Repeat application when necessary.
<b><u>Lucerne</u></b> Lucerne caterpillar	15 to 20 kg / ha	Dust plants thoroughly as soon as the pest is observed. A single treatment normally gives effective control.
<b><u>Grape vines</u></b> Mealybug	20 kg / ha	Only to be used in cases of low infestation pressure. Repeat application at 10 to 14 day intervals.
<b><u>Lawns</u></b> Lawn Caterpillars	20 kg / ha  <b>OR</b>  20 g / 10 m <sup>2</sup>	Apply when damage is observed. Irrigate after application.
<b><u>All Crops and General Garden Pests</u></b> Elegant Grasshopper	20 kg / ha  <b>OR</b>  20 g / 10 m <sup>2</sup>	Treat areas infested by adult Grasshoppers or Hoppers. A single treatment normally gives effective control.

### **VETERINARY**

<i>Animal / Pest</i>	<i>Remarks</i>
<b><u>Poultry and Cage birds</u></b> Red mites & Tampans	Thoroughly dust all poultry houses, paying attention particularly to the floor, new litter, perches, nests, nest material, as well as cracks in the woodwork and walls.
Lice	Dust under the wings and vent.
<b><u>Dogs and Cats</u></b> Ticks & Fleas	Dust the hair and rub in well. In the case of cats, brush out the powder afterwards. Treat weekly or as necessary.