

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Insecticide



# KLAXON 240 EW

Reg. No. L 10455 Act/Wet No. 36 of/van 1947

1: 24/782018 - Aug2018

*A stomach and contact insecticide emulsion for the control of pests in crops as indicated.*

*in Kontak- en maaginskodder emulsie vir die beheer van plae in gewasse soos aangedui.*

### ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

tau-fluvalinate (pyrethroid) **240 g/l** tau-fluvalinaat (piretroïed)

IRAC INSECTICIDE GROUP CODE **3A** IRAC INSEKODDER GROEPKODE



**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

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UN Number: 3082

Willow Set & Print 011 394-4486



CAUTION/  
VERSIGTIG



GERUUKSAANWYSYNGS INGESLUIT

Date formulated: **VERWYS NA BESONDERHEDE**  
Formuleringsdatum: **GEDRUK OP HOUER/SAK**

DIRECTIONS FOR USE ENCLOSED

Batch number: **REFER TO DETAILS PRINTED**  
Lotnummer: **ON CONTAINER/BAG**

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**ACTIVE INGREDIENT/ AKTIEWE BESTANDDEEL:**

tau-fluvalinate (pyrethroid) / tau-fluvalinaat (piretroïed) .....240 g/ ℓ

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****Withholding periods:**

<b>Minimum time between last application and harvest and/or grazing:</b>	
Apples & Pears	60 days
Citrus	43 days
Macadamias	30 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 when inhaled, swallowed or absorbed through the skin.
- Store in a cool, dry place away from food, feeds, fertilizers and other agricultural remedies.
- Keep out of reach of children, animals and uninformed persons.
- This product presents a low hazard to bees but is toxic to fish. **DO NOT** contaminate streams, rivers or waterways with this chemical or used containers.
- Highly toxic to predatory mites.
- The product presents a low hazard to Bees, however, under good pesticide application practices. Application should be done when Bees are not actively foraging.
- Re-entry: Do not enter treated area until 1 day after application 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, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest to 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 eye and skin contact and inhalation of spray mist.
- Wear rubber gloves and a face shield during mixing and application.
- Suspected of damaging fertility or the unborn child.
- May cause damage to organs, through prolonged or repeated exposure.
- Do not enter treated areas until the sprayed solution has dried.
- Wash contaminated clothing after use.
- Wash with soap and water after use or accidental skin contact.
- Do not eat, drink or smoke whilst mixing, applying the product or before washing hands and face or change of clothing.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.

- Thoroughly clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- Containers and packages must be completely emptied before being disposed of. Shake out thoroughly into the applicator and destroy the empty container thereafter in the described manner.
- Invert the empty container over the spray or mixing tank to make sure the container is empty before destroying the container.
- **TRIPLE RINSE** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of a third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the empty container by perforation and flattening.
- In case of spillage or leakage, soak up with soil or other absorbent materials and dispose of at any approved waste disposal facility.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

### **RESISTANCE WARNING**

**KLAXON 240 EW** is a group code 3A insecticide. Any insect population may contain individuals naturally resistant to **KLAXON 240 EW** and other group code 3A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly and exclusively in programs. These resistant insects may not be controlled by **KLAXON 240 EW** or any other group code 3A insecticides.

#### **To delay insecticide resistance:**

- avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate 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.

#### **Resistance – additional notes:**

- Resistance of the African bollworm (*Helicoverpa armigera*) to synthetic pyrethroids has been confirmed. As part of a strategy to prevent development of widespread resistance, the following guidelines must be adhered to for the control of *Helicoverpa armigera*:
  - **Do not** apply more than two applications per growing season.
  - **For optimal control of susceptible bollworm populations, the larvae should not exceed 10 mm (1 cm) in length, at time of application.**
  - If a pyrethroid spray gave ineffective control, do not re-spray with any synthetic pyrethroid even at a corrective dosage rate. Use a product from a different chemical group.
- **Villa Crop Protection** accepts no liability for any losses that may result from the failure of **KLAXON 240 EW** to control resistant insects.

### **DIRECTIONS FOR USE: Use only as directed.**

#### **Compatibility:**

- The compatibility of **KLAXON 240 EW** with other products may be influenced by several factors. As certain factors may vary from time to time, a physical compatibility test must always be performed before such a tank mixture is sprayed. Confirm the safety of **KLAXON 240 EW** in any tank mixture with other products on a small scale on the crop before large scale commercial applications are made.
- When **KLAXON 240 EW** is used in conjunction with any other agricultural remedy, adhere to all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on the relevant labels.
- **DO NOT** use **KLAXON 240 EW** with any spray oil or highly alkaline materials.
- The use of alkaline water with a pH > 7 is known to reduce the efficacy of products. Use a Villa approved buffer such as **PH-Logic** where such conditions exist.

#### **Mixing instructions:**

- Half fill the spray tank with clean water and engage the agitation system.
- If a buffer is used, add that to the spray tank first.
- Pre-mix the required amount of **KLAXON 240 EW** in approximately 10 litres of water. Add this pre-mix to the water in the spray tank while stirring.
- Fill the spray tank to the required level with water and continue agitation before and during spraying.

**Application instructions:****Ground application:**

**KLAXON 240 EW** can be applied with conventional spraying equipment that is in good working order and calibrated to provide the correct volume and dosage rate delivery. Apply a medium to fine droplet spectrum and ensure that it is applied evenly over the target area.

**APPLICATION RATES**

<b>Crop / Pest</b>	<b>Dosage rate</b>	<b>Remarks</b>
<b>Apples &amp; Pears</b> African bollworm ( <i>Helicoverpa armigera</i> )	<u>High volume:</u> 30 ml / 100 l water	Apply as a full cover spray at 2500 to 3500 litres spray mixture per hectare. Commence application at 30 % flowering stage.  Repeat 14 days later at 75 % petal drop. Refer notes under “ <b>RESISTANCE WARNING</b> ”.
<b>Citrus</b> Thrips ( <i>Scirtothrips aurantii</i> )	30 ml / 100 l water	Apply as a film wet light cover spray, but avoid run-off at 70 to 90 % petal drop. A second application may be applied four (4) weeks later. <b>WARNING</b> <b>Do not apply KLAXON 240 EW in areas where resistance of Thrips against synthetic pyrethroid insecticides occurs.</b>
<b>Macadamias</b> Stinkbugs (Pentatomidae spp.)	<u>High volume:</u> 30 ml / 100 l water	Apply a full cover spray in a programme of three (3) applications with intervals of 28 days. Start with treatments when an average of 1.8 Stinkbugs per tree is reached (start monitoring from two (2) weeks after flowering, e.g. using the tree shake method).

The following product mentioned in this label may be replaced with an equivalent product:

- **PH-LOGIC** (L 9028) = **WENBUFF** (L 9066).

**WENBUFF** and/en **PH-LOGIC** are registered products of / is geregistreerde produkte van **VILLA CROP PROTECTION (PTY) LTD.**