



Fungicide

KALGAN 722 SL

Reg. No. L 10596 Act No. 36 of 1947

3: 25/7/2022 – Sept2022

A systemic fungicide formulated as a soluble concentrate, for the control of diseases in crops as indicated.

ACTIVE INGREDIENT

propamocarb hydrochloride 722 g/l
(carbamate)

GROUP

28

FUNGICIDE



WARNING

Hazard Statements:

May be harmful if swallowed.
May cause an allergic skin reaction.

Precautionary Statements:

Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles. If skin irritation or rash occurs: Get medical help.



UN Number: Not Regulated

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

PO Box 10413, Aston Manor, 1630

Tel. (011) 396 2233

Website: www.villacrop.co.za

24 HR EMERGENCY NUMBERS:

Griffon Poison Centre: +27 82 446 8946

24 HR Transport / Spill Emergency no: (Hazcall24) +27 86 044 4411

(Client: Villa Crop Protection)

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

KALGAN 722 SL

Reg. No. L 10596 Act No. 36 of 1947
FRAC FUNGICIDE GROUP CODE: 28

ACTIVE INGREDIENT:

propamocarb hydrochloride (carbamate)722 g/l

Registration holder:

VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07

PO Box 10413, Aston Manor, 1630, Tel. (011) 396 2233

WARNINGS**Withholding periods:**

Minimum time between last application and harvest and/or grazing:	
Cucumbers	3 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.

Hazard statements:

May be harmful if swallowed.
May cause an allergic skin reaction.

- Handle with care.
- 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.
- Re-entry: Do not enter 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, 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**Precautionary statements:**

Contaminated work clothing should not be allowed out of the workplace.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF SWALLOWED: Get medical help.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
If skin irritation or rash occurs: Get medical help.
Dispose of contents/container in accordance with local regulations.

- Do not enter treated areas until the sprayed solution has dried.
- 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.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three (3) times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and

dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.

- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
Propamocarb hydrochloride	722 g/l
Tristytylphenol polyoxyethylene	< 50 g/l

SYMPTOMS OF HUMAN POISONING

Muscle spasms, lethargy and ataxia may occur.

FIRST AID TREATMENT

- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs.
- **Skin contact:** Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Obtain medical attention if irritation or rash occurs.**
- **Eye contact:** Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after five (5) minutes and continue rinsing. If irritation persists, seek medical advice.
- **Ingestion:** Have victim rinse mouth thoroughly with water. Immediately dilute the swallowed product by giving large quantities of water. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. **Seek medical advice.**

NOTE TO PHYSICIAN

Treat symptomatically and supportively. No specific antidote known. If significant amounts have been ingested, i.e., greater than a mouthful, activated charcoal and sodium sulphate may be administered.

RESISTANCE WARNING

KALGAN 722 SL is a group code 28 fungicide. Any fungus population may contain individuals naturally resistant to **KALGAN 722 SL** and other group code 28 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly and exclusively in programs. These resistant fungi may not be controlled by **KALGAN 722 SL** or any other group code 28 fungicides.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate with products from different fungicide group codes,
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.

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

Additional note on resistance:

Since the presence of resistant fungi is difficult to detect or predict prior to fungicide application, it is important that treated areas will be inspected at regular intervals to timeously confirm the occurrence of possible fungicide resistant fungi. The registration holder will not accept liability for inadequate performance of its product in the event of a build-up of resistant fungi due to improper resistance management practices as indicated on the label.

Mode of action:

KALGAN 722 SL contains **Propamocarb hydrochloride**. **Propamocarb hydrochloride** is a carbamate fungicide which falls in the FRAC group 28. This active is systemic and exhibits protective action against fungal pests, in particular Phycomycetes. It functions by reducing the growth of fungal mycelia and the development of sporangia and zoospores. The active also affects the permeability of cell membranes and inhibits the biosynthesis of phospholipids and fatty acids. Absorbable by leaves and roots, the active moves acropetally in the plant.

USE RESTRICTIONS

- Do not apply **INVEST 722 SL** to dry soil or dry compost.
- Do not apply more than four (4) applications of **INVEST 722 SL** alone or in combination with **Mancozeb**-containing products per growing season for the control of Downy mildew on cucumbers under controlled environmental conditions.

- **Do not** exceed the recommended dose rates of **INVEST 722 SL** when applied alone or in combination with **Mancozeb**-containing products even when water volumes of greater than 1000 litres per hectare are required.
- Although **INVEST 722 SL** is regarded as crop-safe on most important cultivars, this does not mean that a sensitive cultivar might not be commercialized in the future. Where a new cultivar is planted, do not apply to large areas without prior testing of **INVEST 722 SL** on that cultivar.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

- **KALGAN 722 SL** is compatible with **Newzeb 750 WDG**.
- The compatibility of **KALGAN 722 SL** with other products may be influenced by several factors. These factors may vary, and a physical compatibility test must therefore always be performed before such tank mixture is sprayed.
- When **KALGAN 722 SL** is used in tank mixtures with any other agricultural remedy, all **WARNINGS**, **PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label, must be adhered to.

Mixing instructions:

- Half fill the spray tank with clean water and ensure agitation.
- Add the required amount of **INVEST 722 SL** to the spray tank and fill the tank with water to the required final volume. Ensure that the **INVEST 722 SL** formulation has fully dispersed through the spray tank.
- **INVEST 722 SL** is a concentrated aqueous solution that requires no constant agitation after mixing. However, in the case of a tank mixture with any other product, ensure the mixture is thoroughly agitated during mixing and application.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g., overnight.

APPLICATION RATES

<i>Crop / Pest</i>	<i>Dosage rate</i>	<i>Remarks</i>
<u>Cabbage seedlings & Cucumbers</u> <u>Controlled environments, seedbeds, pricking out areas & thinning out areas</u> Damping-off (<i>Pythium</i> & <i>Phytophthora</i> spp.)	10 ml / m ²	Apply to seedbeds as a drench immediately after sowing and one (1) day before transplanting, pricking, or thinning out areas. For each m ² treated, apply in at least 3 litres of water.

Crop / Pest	Dosage rate	Remarks
Cucumbers <u>Controlled environments</u> Downy mildew (<i>Pseudoperonospora cubensis</i>)	KALGRAN 722 SL IS RECOMMENDED TO BE APPLIED AS PART OF AN INTEGRATED DISEASE MANAGEMENT PROGRAMME. 3 ℓ / ha (300 mℓ / 100 ℓ water) OR 3 ℓ / ha (300 mℓ / 100 ℓ water) PLUS 2 kg / ha Newzeb 750 WDG (200 g / 100 ℓ water)	Start applications when the first signs of infection appear and repeat at 7-to-10-day intervals. Apply as a full cover spray in a maximum of 1500 litres water per hectare depending on the growth stage and density of the crop. Do not exceed a maximum dose rate of 3 litres per hectare of KALGRAN 722 SL and 2 kg per hectare Newzeb 750 WDG when water volumes exceeding 1000 litres water per hectare are required for adequate coverage. Apply three (3) to four (4) applications of KALGRAN 722 SL per growing season. Alternate with fungicides with different modes of action if further applications are required for continued disease control.
Ornamentals <u>Seedbeds, pricking out areas & thinning out areas</u> Damping-off (<i>Pythium & Phytophthora</i> spp.)	7.5 mℓ / m ²	Apply to seedbeds as a drench immediately after sowing and one (1) day before transplanting, pricking or thinning out areas. For each m ² treated, apply in at least 3 litres of water. If necessary, repeat at intervals of 3 to 4 weeks.
Cuttings	7.5 to 15 mℓ / m ²	Apply as a drench treatment before inserting cuttings. Areas should be well prepared before application. For each m ² treated, apply in at least 5 to 10 litres water. If necessary, repeat at intervals of 3 to 4 weeks.
Pot Plants	15 mℓ / 10 ℓ water	For each 10cm pot diameter, apply a spray volume of 100 mℓ. If necessary, repeat at intervals of 3 to 4 weeks.

The following product mentioned in this label can be replaced with the following equivalent products:

- **VILLA UNIZEB 750 WDG** (L 8812) = **NEWZEB 750 WDG** (L 8811) = **COZEB 750 WDG** (L 8964) (**Mancozeb**).

NEWZEB 750 WDG is a registered product of **UNIVERSAL CROP PROTECTION (PTY) LTD.**

VILLA UNIZEB 750 WDG is a registered product of **VILLA CROP PROTECTION (PTY) LTD.**

COZEB 750 WDG is a registered product of **CROPASURE (PTY) LTD.**