

READ THE LABEL BEFORE USE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. SHAKE THE BOTTLE WELL BEFORE USE



Insecticide

KANEMITE™ 150 SC

Reg. No. L 11701 Act No. 36 of 1947

1: 12/03/2025 – March2025

A suspension concentrate insecticide for use in crops as listed to control a variety of mites as indicated.

ACTIVE INGREDIENT

acequinocyl (quinone) 150 g a.i/l

GROUP

20B

INSECTICIDE



DANGER



Hazard Statements:

May be harmful if swallowed or in contact with skin.
May cause an allergic skin reaction. Harmful if inhaled.
Causes damage to organs (lungs).
May cause damage to organs through prolonged or repeated exposure (blood system).
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
Avoid release into the environment.



UN Number: 3082

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.
Co. Reg. No. 1983/008184/07
65 Botes Road, Glen Marais, Kempton Park, 1619
Tel. (011) 396 2233
Website: www.villacrop.co.za

IN CASE OF POISONING / 24 HR EMERGENCY NUMBERS:
Griffon Poison Information Centre (National): +27 82 446 8946
Poison Information Helpline (National): +27 861 555 777
24 Hr Transport / Spill emergency no: (Hazcall24) +27 86 044 4411
(Client: Villa Crop Protection)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED
Batch Number: _____
Expiry/Date: _____
Date of Manufacture: _____

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 IRAC INSECTICIDE GROUP: 20B

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WARNINGS**Withholding periods:**

Minimum time between the last application and harvest or grazing:	
Pome fruit (including Apples and Pears)	14 days
Citrus fruit (including Oranges, Limes, Easy peelers (including Mandarins), Grapefruit and Lemons)	7 days
Stone fruit (including Peaches, Nectarines and Plums)	28 days

NOTE

ABOVE-MENTIONED WITHHOLDING PERIODS REFER TO COMPLIANCE WITH LOCAL MAXIMUM RESIDUE LIMITS (MRL'S). HOWEVER, IT IS IMPORTANT TO NOTE THAT IMPORT TOLERANCES OF OTHER COUNTRIES MIGHT POSSIBLY BE EXCEEDED. IF THE TREATED CROP WILL BE EXPORTED, FIRST CONSULT THE RELEVANT IMPORTER OR EXPORTING BODY REGARDING THE USE OF THIS PRODUCT, MRL'S AND RECOMMENDED WITHHOLDING PERIODS.

Hazard statements:

May be harmful if swallowed or in contact with skin.
May cause an allergic skin reaction.
Harmful if inhaled.
Causes damage to organs (lungs).
May cause damage to organs through prolonged or repeated exposure (blood system).
Very toxic to aquatic life.
Very toxic to aquatic life with long lasting effects.

- Handle with care.
- Store in a cool place away from feed and food.
- Keep out of reach of children, uninformed persons as well as animals.
- Do not use this product in any way contrary to the directions on this label, or excessive residues and other undesirable results may occur.
- **KANEMITE™ 150 SC** has been tested on the most important commercial cultivars without any phytotoxic effects. However, more susceptible cultivars may be released in future which will need to be tested; for this, apply **KANEMITE™ 150 SC** to a limited test area before commercial applications are made.
- **Re-entry:** Do not enter the treated area until spray deposit has dried unless wearing protective clothing.
- **In case of poisoning call 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 effective under all conditions. The activity 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 against the remedy, as well as by the method, time and accuracy of application. The registration holder furthermore 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 by 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 the event of any uncertainty.

PRECAUTIONS**Precautionary statements:**

Do not breathe mist/vapours/spray.
Wash hands and face thoroughly after handling.
Do not eat, drink or smoke when using this product.
Use only outdoors or in a well-ventilated area.
Avoid release to the environment.
Wear impervious rubber gloves and boots, protective clothing, and chemical safety goggles.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
IF exposed or concerned: Call a POISON CENTER.
If skin irritation or rash occurs: Get medical advice.
Collect spillage.
Store locked up.
Dispose of contents/container to suitable landfill in accordance with local regulations.

- Wash contaminated clothing immediately after use.
- Avoid drift of spray onto other crops, grazing, rivers, dams and other areas not under treatment.
- **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.
- Keep containers tightly closed in a dry, cool and well-ventilated place, away from food, drinks and animal feedstuff.
- Store in original container.
- Prevent contamination of food, feeds, drinking water and eating utensils.

FIRST AID MEASURES

- Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure and if symptoms persist consult a doctor.
- 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 persists.
- Eye contact: Flush eyes with clean water for at least 15 – 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention.**
- Ingestion: Seek medical attention or call a poison control centre for treatment advice. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.
- Inhalation: Remove person from contaminated area to fresh air and assist breathing if needed. Seek medical attention if irritation occurs. Prosthesis such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures. Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.

NOTE TO PHYSICIAN:

Treat symptomatically.

SYMPTOMS OF HUMAN POISONING

One or more of the following symptoms could occur:

Local: Eye and skin paraesthesia which may be severe. Usually transient, with resolution within 24 hours.

Systemic: Dizziness, listlessness, headache, vomiting and nausea, epigastric pain, convulsions, muscular fasciculation of limbs, unconsciousness (at a very high dosage).

Relevant hazardous components	
Acequinocyl	150 g/l

NOTE: The ingredients listed above contribute to the overall GHS classification, the remaining ingredients do not have to be listed according to the South African Regulations for Hazardous Chemical Agents 2021, Regulation 14(b).

In case of poisoning, call the following number: +27 82 446 8946 (Griffon Poison Information Centre) or +27 861 555 777 (Poison Information Helpline).

In case of a chemical spill call the following 24 Hr Transport / Spill emergency number: +27 86 044 4411 (Hazcall24 / Client: Villa Crop Protection).

RESISTANCE WARNING

KANEMITE™ 150 SC is a group code 20B insecticide. Any insect population may contain individuals naturally resistant to **KANEMITE™ 150 SC** and other group code 20B insecticides. These resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **KANEMITE™ 150 SC** or any other group code 20B insecticides.

To delay insecticide resistance:

- avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank mix with registered products from different insecticide group codes,
- integrate other control methods (chemical, cultural, biological) into insect control programmes.

Since the occurrence of resistance cannot be forecast, users are advised to keep treated crops under close observation. If treatment is not effective following the use of **KANEMITE™ 150 SC** as recommended, a resistant population may be present. If a resistant population is positively identified, consideration should be given to the prompt use of an insecticide with a different mode of action for which there is no record of resistance from the relevant pest.

For specific information on resistance management, contact the Registration holder of this product. The Registration holder will not accept liability for performance failures in the event of a build-up of resistant insects resulting from inadequate resistance management practices as indicated on the label.

MODE OF ACTION

KANEMITE™ 150 SC is a fast-acting, non-systemic insecticide with contact and stomach action.

DIRECTIONS FOR USE: Use only as directed.

NOTICE TO USER:

Read the entire label before application. This agricultural remedy is to be used only in accordance with the instructions on the label. It is an offence under the Act to use this agricultural remedy for any purpose in a manner contrary with the directions on the label.

Compatibility:

- The compatibility of **KANEMITE™ 150 SC** with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. As formulations change from time to time it is recommended that a physical compatibility test be done prior to the tank mixture being made. Do not make tank mixtures with other agricultural remedies or foliar feed products without first ensuring that the combination is physically compatible and that no reduction in efficacy or crop damage will result.

Mixing instructions:

Shake the container well before use. Replace cap directly after use.

- Half-fill the spray tank with clean, suitable water.
- Add the required quantity of **KANEMITE™ 150 SC** to the water in the spray tank while agitating.
- If any other product is to be mixed with **KANEMITE™ 150 SC**, then the required volume of that product should be pre-mixed in a similar way.
- Agitate the water in the spray tank and add the product(s) to the tank in the following sequence (where applicable): Suitable buffer, followed by suspension concentrate.
- Fill the spray tank to the desired volume with water while maintaining agitation.

- Maintain agitation during application.
- **Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank overnight.**
- Spraying equipment must be thoroughly flushed out at the end of the spraying operation.

Water quality & pH:

- The efficacy of **KANEMITE™ 150 SC** can be affected by very hard water (>1000 ppm.)
- Water with a very high OR low pH can negatively influence the efficacy of **KANEMITE™ 150 SC**.
- Ideally the water pH should be in a pH range of 5 to 6.5.
- When the spray water is above or below these criteria, it must be corrected with a suitable buffering agent.

Application methods:

- Calibration: Ensure that the equipment is correctly calibrated and is checked regularly during application to ensure even and accurate application.
- **Constant agitation throughout the spray operation is essential.**
- Only clean water should be used.

Ground application

- Whether using a mist blower or other orchard sprayers, the same application dosage rates per hectare as specified for each crop, are applicable.
- Sprayers must be correctly calibrated in order to deliver the required volume of spray mixture evenly over the target area.
- The amount of water that is needed for good coverage may differ from the type of crop, density of the crop in the orchard, growth stage of the crop and the type of apparatus.

NOTES REGARDING APPLICATION ON POME FRUIT, STONE FRUIT

High volume application (HV):

- The water volume to be applied per hectare must be calculated according to the Tree Row Volume (TRV) formula of Unrath (*Deciduous Fruit Grower*, November 1986):

$$\text{HV } \ell / \text{ha} = \frac{\text{Tree height} \times \text{Tree diameter} \times 937}{\text{Row width}}$$

a. This is the water volume required when the trees are in full leaf.

b. Use the water volume required per hectare to calculate the amount of **KANEMITE™ 150 SC** required per hectare.

- The following water requirements per hectare for **apples and pears** are recommended according to the different growth stages of the tree:

Growth stage	% Water volume per hectare with regard to high-volume (HV calculated above)
From green tip to ± 30 % blossom	60 %
From ± full blossom to ± mid-November	80 %
From ± beginning December	100 %

APPLICATION RATES

Crop / Pest	Application Rate	Remarks
<p>Pome fruit (including Apples and Pears)</p> <p>Two spotted spider mites (previously Red spider mites) (<i>Tetranychus urticae</i>) [previously <i>Tetranychus cinnebarinus</i>],</p> <p>European red mite (<i>Panonychus ulmi</i>)</p> <p>Bryobia mite (<i>Bryobia rubrioculus</i>)</p>	35 ml / 100 ℓ water	<p>Refer to “Resistance Management, Withholding periods, Use restrictions and Directions for use” above.</p> <p>Apply a total of two (2) applications only. The first application must be applied when the first population of Mites are noticed with a threshold level of not more than 2 to 5 Mites per leaf. Apply the second application 21-days later if the Mite population tends to increase.</p> <p>Adhere to the water volumes during the different growth stages of the crop; 1500 to 2500 litres water per hectare. Water volumes applied per hectare based on Tree Row Volume (TRV) formula described by Unrath.</p> <p>Ensure complete coverage of the tree canopy as well as the fruits.</p>
<p>Citrus fruit (including Oranges, Limes, Easy peelers (including Mandarins), Grapefruit and Lemons)</p> <p>Two spotted spider mites (previously Red spider mites) (<i>Tetranychus urticae</i>) [previously <i>Tetranychus cinnebarinus</i>]</p> <p>Red mite (<i>Panonychus citri</i>)</p>	35 ml / 100 ℓ water	<p>Refer to “Resistance Management, Withholding periods, Use restrictions and Directions for use” above.</p> <p>Apply a total of two (2) applications only. The first application must be applied when the first signs of crawler movement of Mites are noticed. Apply the second application 21-days later if the Mite population tends to increase.</p> <p>Ensure complete coverage of the tree canopy as well as the fruits.</p>
<p>Stone fruit (Including Peaches, Nectarines and Plums)</p> <p>Two spotted spider mites (previously Red spider mites) (<i>Tetranychus urticae</i>) [previously <i>Tetranychus cinnebarinus</i>]</p> <p>European red mite (<i>Panonychus ulmi</i>)</p> <p>Bryobia mite (<i>Bryobia rubrioculus</i>)</p>	35 ml / 100 ℓ water	<p>Refer to “Resistance Management, Withholding periods, Use restrictions and Directions for use” above.</p> <p>Apply a total of two (2) applications only. The first application must be applied when the first population of Mites are noticed with a threshold level of not more than 2 to 5 Mites per leaf. Apply the second application 21-days later if the Mite population tends to increase.</p> <p>Water volumes applied per hectare based on Tree Row Volume (TRV) formula described by Unrath.</p> <p>Ensure complete coverage of the tree canopy as well as the fruits.</p>

KANEMITE™ 150 SC is a registered trademark of **AGRO-KANESHO CO., LTD**