

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

Insecticide



ANTSET 200 SC

Reg. No. L 10378 Act No. 36 of 1947
N-AR 1895

5: 08/07/2025 – July 2025

A suspension concentrate contact and stomach insecticide for the control of ants in vines and in fruit orchards as specified.

ACTIVE INGREDIENTS

fipronil (phenyl pyrazole) 182 g/l
lambda-cyhalothrin (pyrethroid) 18 g/l

GROUP

2B/3A

INSECTICIDE



DANGER



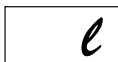
Hazard Statements:

Harmful if swallowed and inhaled.
May be harmful in contact with skin.
Causes damage to the central nervous system through prolonged or repeated exposure.
Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

Wash hands and face thoroughly after handling.
Avoid release into the environment.

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



villa



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)

ANTSET 200 SC

Reg. No. L 10378 Act No. 36 of 1947

N-AR 1895

IRAC INSECTICIDE GROUP CODE: 2B & 3A

ACTIVE INGREDIENTS:

fipronil (phenyl pyrazole)182 g/l

lambda-cyhalothrin (pyrethroid)18 g/l

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

WARNINGS**Minimum time between the last application and harvest or feeding:**

Citrus (Stem and trunk application ONLY) (including Lemons, Limes, Mandarins, Grapefruit, Oranges, Tangerines) in tank mixture with Phosphite 400 SL	14 days
Grapes & Citrus (Stem and trunk application ONLY)	28 days
Macadamia nuts (Foliar application)	21 days
Mangoes (Foliar application)	21 days

NOTE: WITHHOLDING PERIODS ARE BASED ON GOOD AGRICULTURAL PRACTICE AND WHEN FOLLOWED, LOCAL (SA) MRL'S WILL BE MET. FOR PRODUCE DESTINED FOR EXPORT, CONSULT YOUR EXPORT AGENT OR SUPPLIER FOR THE LATEST WITHHOLDING PERIODS RELEVANT TO YOUR EXPORT MARKET.

Hazard statements:

Harmful if swallowed.
May be harmful in contact with skin.
Harmful if inhaled.
Causes damage to the central nervous system through prolonged or repeated exposure.
Very toxic to aquatic life with long lasting effects.

- Handle with care.
- Toxic to bees and wildlife.
- If the product is used as prescribed, the risk towards bees and fishes is limited to a minimum.
- Do not direct spray or allow spray to drift towards beehives.
- Do not spray over or allow spray to drift to water bodies such as dams, ponds, rivers, streams or fish hatcheries.
- Store in the original container, in a cool, dry, well-ventilated place away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- Do not apply to surfaces where food is handled or prepared.
- Re-entry: Do not enter treated area within 1 day after treatment 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 efficacious under all conditions. 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, the occurrence of resistance of the pests against the remedy concerned, 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 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 the event of any uncertainty.

PRECAUTIONS**Precautionary statements:**

Do not breathe mist, vapours and 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 into the environment.
IF SWALLOWED, INHALED OR ON SKIN: Get medical help.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Get medical help if you feel unwell.
Rinse mouth.
Collect spillage.
Dispose of contents/container to suitable landfill in accordance with local regulations.

- Wash contaminated clothing after use.
- Clean the application equipment after use. Do not dispose of wash water where it can contaminate other crops, grazing, 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 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.
- **Do not** re-use the empty container for any other purpose.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.

SYMPTOMS OF HUMAN POISONING

Symptoms that may arise if the product is mishandled and overexposure occurs are: mild skin and eye irritation or eye injury, nausea, vomiting, diarrhoea, profuse sweating, headache, abdominal pain, ataxia, unsteady gait, hyperexcitability, salivation, tremors, incontinence, dizziness, drowsiness, agitation, weakness, coma and, in severe cases, seizures.

FIRST AID TREATMENT

- 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:** Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Seek medical attention.**
- **Eyes:** 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 if irritation persists.
- **Inhalation:** If vapours or mists have been inhaled, move victim to fresh air and remove source of contamination if safe to do so. The patient should be kept under observation. **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.

NOTE TO PHYSICIAN

Fipronil is a reversible gamma-aminobutyric (GABA) receptor inhibitor. During intoxication it will reduce neurological stimulation with possible convulsions. Phenobarbital and to a lesser extent, benzodiazepines, have been shown experimentally to be effective in preventing convulsions induced by **Fipronil**. Clinical signs of exposure to **Fipronil** are generally reversible and resolve spontaneously. No specific antidote available. Treat symptomatically. Due to the slow absorption of **Fipronil** through the gut, symptoms of intoxication may be delayed several hours to one day. Absorption may be decreased by the use of gastric lavage, saline purgative and activated charcoal (possible enterohepatic recirculation).

Lambda-cyhalothrin may cause severe pneumonitis if aspirated. In cases of ingestion, consider gastric lavage, however, prevent aspiration. Observe patient for respiratory difficulty from aspiration pneumonitis. Treat symptomatically and supportively.

Relevant hazardous components	
Fipronil	182 g/l
Lambda-cyhalothrin	18 g/l
Ethoxylated Isodecyl Alcohol	< 10 g/l
Ethylene glycol	< 100 g/l
Proxyl GXL	< 1 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

ANTSET 200 SC is a group code 2B/3 insecticide. Any insect population may contain individuals naturally resistant to **ANTSET 200 SC** and other group code 2B/3 insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **ANTSET 200 SC** or any other group code 2B/3 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 or consult the website of the Insecticide Resistance Action Committee (<https://irac-online.org/>). If resistance is suspected, please consult your local company representative or agricultural advisor.

Mode of action:

ANTSET 200 SC contains **Fipronil** and **Lambda-cyhalothrin**. **Fipronil** is a phenylpyrazole compound and belongs to IRAC mode of action group 2B. It is a broad-spectrum insecticide, toxic by contact and ingestion with limited xylem systemic action in some monocotyledonous crops. The compound acts as a blocker of the GABA-regulated chloride channel. Insects resistant to pyrethroid, cyclodiene, organophosphorus and/or carbamate insecticides are susceptible to fipronil. Fipronil has good to excellent residual control following foliar application but can also be applied as a seed treatment or soil application. **Lambda-cyhalothrin** is a pyrethroid insecticide and belongs to IRAC mode of action group 3A. It acts on the nervous system of insects and disturbs the function of neurons by interaction with sodium channels. It is a non-systemic insecticide with contact and stomach action as well as repellent properties giving rapid knockdown and long residual activity.

USE RESTRICTIONS

- Do not add white sugar if the orchard crop / vines are flowering or if there are flowering plants in the vicinity of the orchard / vines where Bees are active.
- **Do not apply in any orchard or vineyard during flowering or if there are flowering plants near the orchard / vineyard where Bees are active.**
- **ANTSET 200 SC** is toxic to bees. It is important to minimize the risk of killing Bees when applying **ANTSET 200 SC** by removing beehives or closing beehives where possible. Spray drift can be minimized by adding a registered drift retardant such as **INTERLOCK®** (L 10254 / W 130875 / N-AR 1856). Applications should not be done during windy conditions.
- Cut down all flowering weeds and/or cover crops in the orchard before application of **ANTSET 200 SC**.
- If more than 30 % of the trees in an orchard are infested with ants, then all trees in the orchard should be treated. Where less than 30 % of the trees are infested, only those particular trees need to be treated.

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:

- Do not mix **ANTSET 200 SC** with other pesticides or chemicals unless specified below or on registered product labels.
- **ANTSET 200 SC** is compatible with **PICANTA** (L 8871 / N-AR 1503), **MASTERLOCK®** (L 10496), **Charge, Phosphite 400 SL** and **Commodobuff**.
- The compatibility with other products may be influenced by the formulation of the products involved, as well as the quality of the spray water. Since the quality of water may vary from farm to farm, a physical compatibility test should always be carried out prior to application. If the products are physically compatible, this does **NOT** imply that they will be biologically compatible (effective against the target pest), thus the registration holder will not take responsibility for ineffective control in these scenarios. Refer to all warnings, precautions, and directions for use on labels of complimentary products.

Mixing instructions:

- Half fill the spray tank with clean water.
- Shake the **ANTSET 200 SC** container well before use.
- Measure the required volume of **ANTSET 200 SC** and pre-mix it with a small volume of water.
- Add this pre-mix to the water in the sprayer.
- Fill the spray tank with water to the required level while agitating the water, to ensure thorough mixing.
- When mixing **ANTSET 200 SC** with other products (as registered on this label), use the following procedure:
 - If a buffer is required, it should be added to the spray mixture first.
 - Mix the required quantity of WDG or WP products in a small quantity of water to make a smooth cream and add this to the spray mixture. If dry formulations are contained in water-soluble bags, add this to the spray mixture.
 - In the following order, add any additional products: SC or SE formulations, followed by EC, EW or ME formulations. Lastly add products of SL, SG or SP formulation types. Pre-mix products individually before adding them to the spray mixture.
 - After all the products have been thoroughly incorporated, add the wetter / spreader adjuvants such as **Charge, Picanta** or **Masterlock®**.
- Maintain agitation while spraying.
- Prepared spray mixture must not be left in the sprayer for any length of time, e.g. overnight.

Post Spray Equipment Cleaning

It is essential to rinse the spray tank and all hoses with a 0.1 % solution of either calcium chloride or ammonium hydroxide or the recommended rate of **Protank® liquid cleaner** according to the product label. Allow this solution to stand in the spray equipment for 15 minutes; empty the spray equipment; repeat the rinsing with a 0.1 % solution of calcium chloride or ammonium hydroxide for 15 minutes; rinse all equipment with water. Nozzles and fitters must be cleaned individually. Rinse water and solution should be drained in a cesspool or drain where it will not contaminate any water source.

APPLICATION RATES

Pest	Dosage Rate	Remarks
<u>Orchards</u> (e.g., Citrus) (including Lemons, Limes, Mandarins, Grapefruit, Oranges, Tangerines) <u>Large ant species</u> Pugnacious ants (<i>Anoplolepis</i> spp.) Carpenter ant (<i>Camponotus rufoglaucus</i>) <u>Small ant species</u> Argentine Ants (<i>Linepithema humile</i>), Brown house ant (<i>Pheidole megacephala</i>)	Tree trunk or directed trunk spray applications ONLY. Do not allow product to come into contact with fruit. Do NOT spray when Bees are foraging. 250 ml / 100 ℓ water (25 ml / 10 ℓ water)	Apply to the point of run-off as a coarse spray directly to the bottom 30 cm of the tree stems, using a ring-spray attachment fitted to the lance of a knapsack sprayer. OR The treatments are applied as a coarse spray around the base of the trunk (more effective for smaller ant species). OR Apply as a spot treatment to infested soil at the base of the tree and to nest openings. For environmental reasons, soil sprays over large areas should be avoided. Apply a maximum of one (1) application per growing season. Refer to “ NOTES ” below for additional application information in <u>citrus orchards</u> .
<u>NOTES: Citrus Orchards</u> (including Lemons, Limes, Mandarins, Grapefruit, Oranges, Tangerines) In orchards with Ant infestation and a history of root and Collar rot pressure (<i>Phytophthora</i> spp.), ANTSET 200 SC can be safely tank-mixed with Phosphite 400 SL , Charge and Commodobuff to achieve effective control of both pests. Apply the tank mix ONLY as a coarse spray or trunk paint to the bottom 30 cm of the tree stem after the rainy season has started and once ant activity is noticed. In case of graft incompatibility, only paint the scion and lower scaffold branches. DO NOT apply to trees which are under water stress, or which are severely infected with <i>Phytophthora</i> spp. as this will limit the translocation of Phosphite 400 SL and control will be inadequate. The dose of Phosphite 400 SL to be added is dependent on the trunk circumference. First establish the spray volume required to completely wet the trunk from the ground level upwards for about 35 cm using only water. Then divide this total in two (2) to give the required amount of Phosphite 400 SL required. e.g., If 10 litres are the required spray volume – apply 5 litres of Phosphite 400 SL mixed with 5 litres of water and the other tank mix components. The addition of the adjuvants Charge (50 ml per 100 litres water) and Commodobuff (100 ml per 100 litres water) is recommended to stabilize the pH of the spray mixture and to assist in the spreading of the pesticides on the target area. Refer to the Phosphite 400 SL label for further information on application directions and follow up sprays. Only apply one (1) tank mixture application of ANTSET 200 SC with Phosphite 400 SL per season. Control of <i>Phytophthora</i> spp. infections may only be noticed after two (2) seasons after applications with Phosphite 400 SL .		
<u>Grapevines</u> Argentine Ants (<i>Linepithema humile</i>) Black pugnacious ants (<i>Anoplolepis</i> spp.)	Grapevine stem applications ONLY. Do not allow product to come into contact with fruit. 250 ml / 100 ℓ water (25 ml / 10 ℓ water) 250 to 500 ml / 100 ℓ water (25 to 50 ml / 10 ℓ water)	Apply to the point of run-off as a coarse spray directly to the bottom 30 cm of grapevine stems only, using a ring-spray attachment fitted to the lance of a knapsack sprayer. Apply at the beginning of the season as soon as Ants start foraging in the vineyard canopy. The lower parts of trellis poles and all other structures that Ants may climb to reach the vines, must also be treated. Apply a maximum of one (1) application per growing season.

Pest	Dosage Rate	Remarks
<u>Macadamia nuts</u> Thrips	10 ml / 100 ℓ water PLUS 100 ml / 100 ℓ water Masterlock®	Do NOT apply when Bees are foraging. Monitor for the pest and apply at the first sign of pest presence. Apply as a light to medium cover spray. Do not exceed one (1) application with ANTSET 200 SC per season.
<u>Mangoes</u> Mango seed weevils (<i>Sternochetus mangiferae</i>)	20 ml / 100 ℓ water PLUS 30 ml / 100 ℓ water Picanta	Apply as a medium to full cover spray as soon as eggs are noticed on the fruit, before larvae emerges (around September to November). If infestation persist, a second application of ANTSET 200 SC can be made 14 to 28 days later. Mango seed weevils are nocturnal. Optimal results will be obtained when applications are made at dusk or during the night. Do not apply more than two (2) applications per growing season.

The following products mentioned in this label may be replaced with equivalent products listed below:

- **PHOSPHITE 400 SL** (L 7468 / N-AR 0996 / W 1301399) = **LIMA 400 SL** (L 6478) = **ROOTEX 400 SL** (L7467) (**Potassium phosphite**);
- **CHARGE** (L 9100 / N-AR 2241 / W 130953) = **TECHNIWET SUPER** (L9239) and
- **COMMODOBUFF** (L 5390 / N-AR 1107) = **AQUABUFF** (L5451 / W 130060).

PHOSPHITE 400 SL, CHARGE, TECHNIWET SUPER and PICANTA are registered products of **VILLA CROP PROTECTION (PTY) LTD.**

COMMODOBUFF, AQUABUFF, LIMA 400 SL and ROOTEX 400 SL are registered products of **UNIVERSAL CROP PROTECTION (PTY) LTD.**

PROTANK® LIQUID CLEANER, MASTERLOCK® and INTERLOCK® is a registered product of **WINFIELD SOLUTIONS REGISTRATION HOLDINGS (PTY) LTD.**