

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY. 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

4: 10/8/2022 – Nov2023

A suspension concentrate contact and stomach insecticide for the control of ants in orchards.

## ACTIVE INGREDIENTS

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

GROUP

2B/3

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.



**villa**

UN Number: 3082

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.  
Co. Reg. No. 1983/008184/07  
P.O. Box 801, Kempton Park, 1620  
Tel. (011) 396 2233  
Website: [www.villacrop.co.za](http://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)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:

**ANTSET 200 SC**

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

N-AR 1895

IRAC INSECTICIDE GROUP CODE: 2B/3

**ACTIVE INGREDIENTS:**

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lambda-cyhalothrin (pyrethroid) .....18 g/l

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PO Box 801, KEMPTON PARK, 1620

Tel. (011) 396 2233

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

Grapes & Citrus	28 days
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**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, UNIVERSAL CROP PROTECTION (PTY) LTD. CANNOT ACCEPT RESPONSIBILITY FOR EXPORTED FRUIT EXCEEDING THE IMPORT TOLERANCES OF OTHER COUNTRIES.**

**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 one (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](http://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.

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

### **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 to 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.

### **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.

### **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 apply in any orchard or vineyard during flowering or if there are flowering plants near the orchard / vines where Bees are active.**

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

### **Compatibility:**

- Do not mix **ANTSET 200 SC** with other pesticides or chemicals.

### **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.
- Maintain agitation while spraying.
- Prepared spray mixture must not be left in the sprayer for any length of time, e.g., overnight.

### **APPLICATION RATES**

<b>Pest</b>	<b>Dosage Rate</b>	<b>Remarks</b>
<b>Orchards</b> Argentine Ants ( <i>Phylectinus callosus</i> )	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. <b>Apply a maximum of one (1) application per growing season.</b> <b>Refer to “USE RESTRICTIONS” above.</b>

<b>Pest</b>	<b>Dosage Rate</b>	<b>Remarks</b>
<b>Grapevines</b> (Grapevine Stems)  Argentine Ants ( <i>Phylectinus callosus</i> )	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 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.
Black pugnacious ants ( <i>Anoplolepis</i> spp.)	250 to 500 mL / 100 L water (25 to 50 mL / 10 L water)	The trellis poles and all other structures that Ants may climb to reach the vines, must also be treated at the bottom. <b>Apply a maximum of one (1) application per growing season.</b> <b>Refer to “USE RESTRICTIONS” above.</b>