Read the label before opening the container. For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

BLIST-A-SIST™ 200 SC

South Africa Reg. No: L10917 Act No. 36 of 1947

IRAC INSECTICIDE GROUP CODE: 2B

A suspension concentrate contact and stomach poison for the control of thrips in citrus and mangoes, diamond back moth on cruciferae and the harvester termite in veld, grazing and row crops.

ACTIVE INGREDIENT:

Fipronil (phenyl pyrazole).....200g/ℓ

Product Information: 072 678 8226
In case of poisoning: 082 446 8946

HAZARD STATEMENTS

- Harmful if swallowed.
- May cause an allergic skin reaction.
- Harmful if inhaled.
- May cause damage to organs through prolonged and repeated exposure.
- Very toxic to aquatic life with long lasting effects.



WARNING

PRECAUTIONARY STATEMENTS

- Do not eat, drink, or smoke when using this product.
- Use only outdoors or in a well-ventilated area.

enviro™ bio-chem

Registration holder: Enviro Bio-chem (Pty) Ltd.
Co. Reg. No: CK 2013/194774/07
44 Kerk Street, Lichtenburg NW, South-Africa
Tel: +27 12 006 0063 | Fax: +27 86 541 7948
Web: www.envirobiochem.co.za

Expiry Date:
Batch No:
Date of Manufacture:

UN No. 3082

WARNINGS:

Allow the following minimum number of days between the last application and harvesting:

Cruciferae	15 days

- **CITRUS: NURSERY TREES, TRANSPLANTS, INTERPLANTS AND BEARING TREES:** Remove all out of season fruit before application.
- **LEMON TREES:** Remove all fruit, including immature fruit, before application.
- **MANGOES:** Remove all out of season fruit before application.
- Harmful if swallowed.
- May cause an allergic skin reaction.
- Harmful if inhaled.
- May cause damage to organs through prolonged and repeated exposure.
- Very toxic to aquatic life with long lasting effects.
- Toxic to fish and bees.
- Store in a cool place away from food and feed.
- Keep out of reach of children, uninformed people and animals.
- **Re-entry:** Do not enter treated field within 2 days after application, unless wearing protective clothing.
- In case of poisoning, call a doctor and make this label available to him.

Although this insecticide 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 effected by factors such as abnormal soil, climactic 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 insecticide concerned as well as by the method, time and accuracy of the 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 insecticide 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:

- Do not breathe dust/fumes/gas/mist/vapours/spray.
- Wash hands, forearms, and face thoroughly after handling
- Do not eat, drink, or smoke when using this product.
- Use only outdoors or in a well-ventilated area.
- Wear impervious rubber gloves and boots, protective clothing, and chemical safety goggles.
- IF ON SKIN: Wash with plenty of water and non-abbrasive soap.
- If skin irritation or rash occurs: Get medical advice/attention.
- Avoid release to the environment.
- Triple rinse empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the content of the spray tank.
- Empty containers should be taken for local recycling or waste disposal.
- Do not re-use empty containers.
- Collect spillage.
- Dispose of contents/container in accordance with local/regional/national regulations.

RELEVANT SUBSTANCES:

Fipronil 20%
Ethylene glycol <5%
Kathon <1%

SYMPTOMS OF HUMAN POISONING:

Decontamination, vital functions.

FIRST AID TREATMENT:
Remove patient from source of poisoning and keep him quiet and reassured.
INGESTION: Immediately call a POISON CENTER/doctor/physician
SKIN CONTACT: Wash with plenty of water. If skin irritation occurs: Get medical advice/attention.
EYE CONTACT: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.
INHALATION: Remove person to fresh air and keep comfortable for breathing.

NOTE TO PHYSICIAN:
Treat according to symptoms (decontamination, vital functions), no known specific antidote.

RESISTANCE WARNING:
For resistance management, **BLIST-A-SIST™ 200 SC** is a **group Code 2 B** Insecticide. Any insect population may contain individuals naturally resistant to **BLIST-A-SIST™ 200 SC** and other **Group Code 2 B** 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 **BLIST-A-SIST™ 200 SC**, or any other **Group Code 2 B** insecticides.

To delay fungicide resistance:
- Avoid exclusive repeated use of insecticides from the same insecticide Group Code.
- Integrate other control methods (chemical, cultural, biological) into pest control programs.

DIRECTIONS FOR USE: Use only as directed.

POISONS HELPLINE: 0861 555 777

Compatibility:
BLIST-A-SIST™ 200 SC is compatible with the following wetters: Agral 90 (L2987), Bladwet 9 (L5579), Foliwett 900 (L5826) Act no. 36 of 1947. The full range of the physical compatibility of **BLIST-A-SIST™ 200 SC** with other pesticides and fertilizers is not known. Therefore, before preparing tank mix combinations, add a small amount of **BLIST-A-SIST™ 200 SC** to an equal amount of water in small container, and then add the other pesticide/s or fertilizer/s. Do not use mixtures that curdle, precipitate or grease.

Mixing instructions:
Half fill the spray tank with clean water. Shake the **BLIST-A-SIST™ 200 SC** container just prior to use. Measure out the required quantity of **BLIST-A-SIST™ 200 SC** and mix this with at least 10 litres of water. Add this mixture to the water in the spray tank while agitating thoroughly. Fill the spray tank with water while maintaining agitation to ensure thorough mixing of the spray mixture.
Prepared spray mixture must not be left in the spray tank for any length of time e.g. overnight. Tank mixtures with other chemicals must be used within 6 hours after mixing.

General Directions:
- **BLIST-A-SIST™ 200 SC** resists rain wash-off, provided the spray mixture has dried off completely before the start of the rain.
- If Citrus red mite (Panonychus citri) is present in the orchard at the time of treatment with **BLIST-A-SIST™ 200 SC**, an increase in the red mite population may result. In such an instance, if the mite population exceeds established threshold levels, the appropriate citrus red mite control measures must be applied.
- Bioassay trials have indicated that **BLIST-A-SIST™ 200 SC** is relatively soft on the red scale parasite (Aphytis spp.)
- A light cover spray is defined as the "uniform wetting of the entire foliage canopy and attached fruit to the point of run-off with not attempt to drive the spray jet into the tree".
- **BLIST-A-SIST™ 200 SC** is toxic to bees. Beehives should be removed from orchards prior to treatment with **BLIST-A-SIST™ 200 SC**. If hives cannot be removed they must be placed at least 100 m from any orchard treated with **BLIST-A-SIST™ 200 SC**. The hives must be closed just before treatment and must remain closed for at least 24 hours. Spray drift must not be allowed to contaminate the surroundings of beehives. If any flowering weeds or cover crops are present in the orchard at the time of a **BLIST-A-SIST™ 200 SC** application, they should be mowed prior to the **BLIST-A-SIST™ 200 SC** application.

PREPARATION OF BAIT FOR HARVESTER TERMITE CONTROL:

A number of bait carriers can be used. These include wheat chaff, coarse lucerne and cut veld grasses. All these carriers must be dry (i.e. not green) when used. The carrier must be put through a hammer mill with a 25mm sieve. This provides bait lengths preferred by the termites. Weigh the bait carrier into 10kg lots. Spread the 10kg lots into 2m x 2m piles on a clean, dry, even surface. It is important that the surface be clean (i.e. not contaminated with oil, other pesticides etc.) as the termites are very sensitive to foreign odours and will reject any contaminated bait. The bait carrier piles are then treated with 12.5mℓ **BLIST-A-SIST™ 200 SC** / 5ℓ water/10kg bait carrier pile. The bait carrier piles can be treated with a knapsack sprayer, alternatively, large numbers of piles can be treated with a tractor mounted sprayer. In this case piles can be placed closely adjacent to one another. Space must be left between rows of piles for the tractor wheels. Ensure that the tractor does not leak oil or other contaminants that may affect the bait. During treatment the piles must constantly be turned with pitchforks to ensure an even coverage of the bait carrier with the spray mixture. Leave the bait piles to dry, occasionally turning with pitchforks to hasten the drying process. When dry, bag the bait in clean (i.e. unused) bags. Clean, unused 50kg fertilizer bags are suitable. **Mark bags clearly to indicate that the content is poisonous. Use clean gloves when handling the bait during hammer milling and bagging. The bait is then ready to be applied.**

IT IS IMPORTANT NOT TO CONTAMINATE THE BAIT DURING BAIT PREPARATION WITH ANY FOREIGN SUBSTANCES. THIS WILL CAUSE THE TERMITES TO REJECT THE BAIT. OVERDOSING OF BAIT WILL ALSO CAUSE THE TERMITES TO REJECT THE BAIT. APPLICATIONS TO THE BAIT CARRIER WITH TRACTOR MOUNTED SPRAYERS MUST ESPECIALLY BE MADE ACCURATELY TO PREVENT OVERDOSING.

All spray applications must be made with suitable equipment that is in good working order and correctly calibrated to give the desired coverage for that particular method of application.

CROP/PEST	DOSAGE	REMARKS
CITRUS Bearing trees under integrated pest management or full chemical pest control Thrips	7.5 - 10mℓ /100ℓ	Apply between 90-100% petal drop to just before calyx closure as a single, light cover spray to wet the foliage canopy and fruit uniformly to the point of run-off. Use the higher dosage rate where heavy thrips populations are present or expected and to extend the duration of control. If an outbreak of thrips occurs later in the season, use a different insecticide and observe the necessary withholding period. See Notes 1 to 4. Applications for thrips control will simultaneously control citrus aphids (*Toxoptera spp.*) if these are present at the time of application.
CITRUS Nursery trees and non-bearing trees under integrated pest management or full chemical pest control. Thrips	7.5 - 10mℓ /100ℓ	Apply to active new growth flush to control thrips damaging the leaves. **BLIST-A-SIST™ 200 SC** may only be used on nursery trees between August and November. Use the higher dosage rate where thrips numbers are high. If additional treatments are required for thrips control, use a different insecticide to delay the possible development of resistance.
CRUCIFERAE (Broccoli, cabbage cauliflower) Diamond Back Moth Larvae (*Plutella xylostella*)	185mℓ/ha + 100mℓ Agral 90, or Bladwet 9 or Foliwett 900/ha	For use in Gauteng North only. Apply **BLIST-A-SIST™ 200 SC** as soon as the pest is noticed in at least 500ℓ water/ha. Repeat applications every 10 days. Do not apply more than 3 applications, but use other registered remedies with a different mode of action, later in the season if necessary.

CROP/PEST	DOSAGE	REMARKS
MANGOES Bearing trees Thrips	7.5 - 10mℓ /100ℓ	Apply at or just after 100% petal fall and before the developing fruit are larger than pea size. Apply as a single, light cover spray to wet the foliage canopy and fruit uniformly to the point of run-off. Use the higher dosage rate where heavy thrips populations are present or expected and to extend the duration of control. See General directions.
LAWNS AND TURF GRASS Mole crickets (*Gryllotalpa Africana*)	2mℓ / 100m^2 (200mℓ/ha)	Apply with knapsack on the lawn in 2 - 4ℓ water / 100m^2 (or 200 - 400ℓ water / ha). Irrigate with at least 5 - 10mm water after application.
CROP/PEST	**DOSAGE**	**REMARKS**
VELD, GRAZING AND ROW CROPS (e.g. wheat) Harvester termite	**Bait preparation:** Apply 12.5mℓ of **BLIST-A-SIST 200 SC** in 5ℓ water evenly to 10kg bait carrier. **Refer to DIRECTIONS FOR USE.** **Bait application:** Apply 10kg bait evenly over 1 hectare (= 1g bait per m^2)	**CLEAN GLOVES MUST BE USED DURING THE APPLICATION AND PREPERATION OF BAIT. TERMITES ARE VERY SENSITIVE TO FOREIGN ODOURS AND HANDLING THE BAIT WITH BARE HANDS OR CONTAMINATED GLOVES WILL CAUSE THEM TO REJECT THE BAIT.** Bait must be applied at the end of summer when termites become active and start foraging for dry grass. This is usually in April. It is best to apply the bait while the termites are actively foraging, usually from mid-morning onwards. An entire infested area must be treated for good control, as termite nests may extend over large areas. If most of the bait is not harvested within 5 days due to decreased foraging activity, a re-application may be necessary. Strong winds just after application may disperse the bait and necessitate re-application. Spot treatment of any active holes found after the initial treatment can be made at 1g bait per m^2

NOTES:

1. If Citrus red mite (*Panonychus citri*) is present in the orchard at the time of treatment with **BLIST-A-SIST™ 200 SC**, an increase in the red mite population may result. In such an instance, if the mite population exceeds established threshold levels, the appropriate citrus red mite control measures must be applied.
2. Bioassay trials have indicated that **BLIST-A-SIST™ 200 SC** is relatively soft on the red scale parasite (*Aphytis spp.*)
3. A light cover spray is defined as the "uniform wetting of the entire foliage canopy and attached fruit to the point of run-off with no attempt to drive the spray jet into the tree".
4. **BLIST-A-SIST™ 200 SC** is toxic to bees. Beehives should be removed from orchards prior to treatment with **BLIST-A-SIST™ 200 SC**. If hives cannot be removed they must be placed at least 100m from any orchard treated with **BLIST-A-SIST™ 200 SC**. The hives must be closed just before treatment and must remain closed for at least 24 hours. Spray drift must not be allowed to contaminate the surroundings of beehives. If any flowering weeds or cover crops are present in the orchard at the time of a **BLIST-A-SIST™ 200 SC** application, they should be mowed prior to the **BLIST-A-SIST™ 200 SC** application.