



Reg. No. L7824 Act / Wet No. 36 of / van 1947

**IRAC Insecticide Group Code: D**

**Active ingredient:**

thiamethoxam (neonicotinoid) ..... 250 g/kg

**Registration holder:**

**Syngenta South Africa (Pty) Limited**  
(Co. Reg. No. 1998/013761/07)  
Private Bag X 60, HALFWAY HOUSE, 1685, RSA  
Tel. (011) 541 4000

**Distributor:**

**PROTEK**, a division of Tsunami Crop Care  
Emergency number: 082 446 8946 Product information: 011 812 9800

**WARNINGS**

- Handle with care.
- Toxic to bees.
- Do not apply as a foliar spray when honey bees are present.
- Store away from food, feed and drinking water.
- Keep out of reach of children, uninformed persons and animals.
- Store away from sun and damp. Store in original closed container in a good ventilated area.
- Avoid storage below 0°C and above 35°C.
- **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 guarantee 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 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**

- Avoid contact with eyes.
- Wear protective clothes: Rubber gloves when mixing as well as overalls, shoes and rubber gloves during application.
- Wash with soap and water after use and accidental contact with skin.
- In case of eye contact, rinse the eyes with clean water for 15 minutes.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face.
- Prevent contamination of food, feed, drinking water and eating utensils.

**ENVIRONMENT**

- Spillage: Soak up with sand, sawdust or soil and shovel into waste containers.
- Do not contaminate stagnant or running water by disposal of waste.

**DISPOSAL**

- Clean spray equipment after use.
- Dispose of excess pesticide, spray mixture or rinsate where it will not contaminate crops, grazing, rivers, dams or boreholes.
- Empty container completely. Rinse the empty container three times with clean water and add the rinsate each time to the spray mixture in the spray tank.
- Dispose of empty container.
- Do not use the empty container for any other purpose.

**RESISTANCE MANAGEMENT**

For resistance management, **MERIDIAN** is a group code D insecticide. Any insect population may contain individuals naturally resistant to **MERIDIAN** and other group code D 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 **MERIDIAN** or any other group code D 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.
- Refer to individual product labels when alternating products.
- Integrate other control methods (chemical, cultural, biological) into disease control programs.

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

**USE RESTRICTIONS**

**LAWNS:**

- Excessive thatch may reduce the efficacy of **MERIDIAN**.

**ROSES:**

- **MERIDIAN** must not be applied more than twice per season.

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

**MIXING INSTRUCTIONS**

- Each water-soluble sachet contains 3g product. Simply add the required amount of sachets, as indicated in the Application Rates Table, to the water. **DO NOT OPEN SACHET. IT IS WATER-SOLUBLE AND WILL DISSOLVE IN THE WATER.** Dissolve **MERIDIAN** completely, ensure agitation during application.
- Apply as soon as possible after mixing. Do not prepare more mixture than is needed for the immediate use.

**APPLICATION TECHNIQUES**

**Lawn and turf spray application**

- Ensure sprayer is correctly calibrated and equipped with a suitable spray nozzle to deliver an even distribution of the spray mix.
- Avoid spraying during the heat of the day or when dew is present.
- Irrigate as soon as possible after application to wash the **MERIDIAN** into the soil.

**Foliar application (Roses only)**

- Knapsack sprayers and motorised mist blowers are recommended. Ensure thorough wetting of plants. Plants with dense foliage will require higher spray volumes for thorough wetting.

**Drench application**

- Remove all weeds and debris under the tree and make a well around the trunk. Apply around the entire base of the trunk. Irrigate within one day of application to wash the **MERIDIAN** into the soil.
- Slightly damp soil will enhance the penetration of the **MERIDIAN** into the soil.

**APPLICATION RATES**

CROP/PEST	DOSAGE	COMMENTS
<b>CYPRESS</b> <b>Aphids</b> <i>(Cinara tujafilina)</i>	3 - 12 g/tree Depending on tree height (1 - 4 water-soluble sachets)	<b>Apply only as a drench.</b> Apply from June to July or when first aphids are present. The effect of <b>MERIDIAN</b> will only be clearly visible 7 - 14 days after application. Mix in 1 ℓ water and apply with a jug. Refer to "Direction for Use" follow up with light irrigation to wash product into soil. <b>Do not open sachet. It is water-soluble and will dissolve in the water.</b>  3 g/tree – height of 0 - 2 m 6 g/tree – height of 2 - 4 m 12 g/tree – higher than 4 m  <b>Apply as a broadcast spray.</b> <b>Only first two instars of white grubs will be controlled.</b> Apply during September/October and follow up November/December as a preventative treatment or when small white grubs are present. Mix in 10 ℓ water and apply with a knapsack sprayer to 100 m <sup>2</sup> . <b>Do not open sachet. It is water-soluble and will dissolve in the water.</b>  Apply as a broadcast spray. <b>Only juvenile mole crickets (less than 18mm in length) will be controlled. Do inspection, prior to application, by washing mole crickets from the soil with a liquid soap solution.</b> Apply during November/December as a preventative treatment or when small mole crickets are present. Mix in 10 ℓ water and apply with a knapsack sprayer to 100 m <sup>2</sup> . <b>Do not open sachet. It is water-soluble and will dissolve in the water.</b>
<b>LAWNS and TURF</b> <b>White Grub</b> <i>(Aphodius pseudolividus)</i>	12 g/100m <sup>2</sup> (4 water-soluble sachets)	
<b>Mole Cricket</b> <i>(Gryllotalpa africana)</i>	12 g/100m <sup>2</sup> (4 water-soluble sachets)	
<b>ROSES</b> <b>Aphids</b> <i>(Myzus persicae and Macrosiphum rosae)</i>	3 g/10 rose bushes (1 water-soluble sachet)	<b>DRENCH APPLICATION</b> Apply during September/October and follow up December/January or when aphids are present. Irrigate after application. The effect of <b>MERIDIAN</b> will only be clearly visible 7 - 14 days after application. Mix in 2,5 ℓ water, apply, with a jug 250 ml mixture/rosebush. Refer to "Direction for Use". <b>Do not open sachet. It is water-soluble and will dissolve in the water.</b>  <b>FOLIAR APPLICATION</b> 1 - 2 applications Refer "Use Restrictions". <b>Do not open sachet. It is water-soluble and will dissolve in the water.</b>
	3 g/30 ℓ water (1 water-soluble sachet)	

**MERIDIAN™** = Trade Name of a Syngenta Group Company.