Thiamex 25 WG

Reg. No.: L 9207 Act /Wet No. 36 of/van 1947

A water-dispersible systemic granular insecticide with stomach and contact action for the control of pests on crops as listed.

‘n Waterdispergeerbare sistemiese korrelinsekdoder met maag en kontak werking vir die beheer van insekte op gewasse soos aangedui.

IRAC INSECTICIDE GROUP CODE: | 4A | IRAC INSEKDODERGROEP KODE:

ACTIVE INGREDIENT/AKTIEWE BESTANDDEEL:
Thiamethoxam (neonicotinoid) / tiametoksam (neonikotinied) ................................... 250 g/kg

Registration holder / Registrasiehouer:
ARYSTA LifeScience South Africa (Pty) Ltd
7 Sunbury Office Park,
Off Douglas Saunders Drive, La Lucia Ridge,
South Africa, 4019
Tel: 031 514 5600

Contents/Inhoud (Gram)

Batch No. / Lot Nr.: 

Date of manufacture: / Datum van vervaardiging:

U.N. No. NOT REGULATED

READ THE LABEL IN DETAIL BEFORE OPENING THE CONTAINER. / LEES DIE ETIKET VOLLEDIG VOORDAT DIE HOUER OOPGEMAAK WORD.
For full particulars, see enclosed leaflet. / Vir volledige besonderhede, sien ingeslote pamflet.
THIAMEX 25 WG
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CAUTION / VERSIGTIG

WARNINGS:
- Allow the following number of days between last application and harvest of the crop:

<table>
<thead>
<tr>
<th>Crop</th>
<th>Days</th>
</tr>
</thead>
<tbody>
<tr>
<td>Apples</td>
<td>19 days</td>
</tr>
<tr>
<td>Citrus</td>
<td>174 days</td>
</tr>
<tr>
<td>Mangoes</td>
<td>130 days</td>
</tr>
</tbody>
</table>

- Handle with care.
- May cause mild skin irritation and moderate eye irritation.
- May be harmful when swallowed or when inhaled.
- Toxic to bees do not apply when bees are active.
- Store in a cool, dry place, away from food and feed.
- Keep out of direct sunlight.
- Keep out of reach of children, uninformed persons and animals.
- Ensure effective mite control as THIAMEX 250WG is a neonicolinoid chemical.

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 because the action and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions, quality of dilution water; incompatibility with other substances not indicated on the label and the occurrence of resistance of the pest 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:
- Do not inhale dust and vapour.
- Avoid skin and eye contact.
- Wear protective clothing, suitable mask or face shield, rubber gloves and rubber boots when handling the product.
- In case of skin contact, remove contaminated clothing, shoes and leather goods. Wash skin gently and thoroughly with clean, cold water and non-abrasive soap. Obtain medical attention if irritation persists.
- In case of eye contact, immediately flush eyes with copious amounts of clean, cold water for at least 15 to 20 minutes, holding the eyelid(s) open. Obtain medical attention if irritation persists.
- In case of ingestion, do not induce vomiting. Obtain medical attention immediately and make the container, or label or Safety Data Sheet available.
- Wash with soap and water after use.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face and changing clothing.
- Avoid contamination of other crops, grazing, rivers, dams and boreholes.
• Clean equipment machines and applicator after use. Dispose of wash water where it will not contaminate crops, grazing, rivers, dams and boreholes.
• Containers and packages must be completely emptied before being dispose of.
• Destroy empty container and package and never re-use the empty container for any other purpose.
• Prevent contamination of food, feeds, drinking water, irrigation water and eating utensils.

**USE RESTRICTIONS:**

**Note:** Ensure that the soil pH is below 8.5 before application of **THIAMEX 25 WG** as a soil drench.

| **Apples:** | **THIAMEX 25 WG** must only be applied as a drench application if a micro irrigation system is present.  
Overhead and drip irrigation systems are not suitable for drench applications.  
Do not apply **THIAMEX 25 WG** through the irrigation system.  
**THIAMEX 25 WG** must only be applied to healthy, actively growing trees. |
| --- | --- |
| **Citrus:** | **THIAMEX 25 WG** must only be applied as a soil drench application if a micro irrigation system is present.  
Overhead, flooding and drip irrigation systems are not suitable for soil drench applications.  
**THIAMEX 25 WG** must only be applied in healthy, vigorously growing, stress free trees that have a well developed root system.  
The efficacy of **THIAMEX 25 WG** can be reduced on soils with a high clay content (above 25%).  
The efficacy of **THIAMEX 25 WG** can be limited by any factor that impairs optimal sap flow in the trees, e.g. drought stress or branches that are bent or were bent earlier.  
Sometimes poor red scale control may occur on a branch or side shoot in a tree, despite treatment with **THIAMEX 25 WG**.  
**THIAMEX 25 WG** must not be used in lemons or limes. |
| **Grapes:** | **THIAMEX 25 WG** must only be applied as a drench application.  
Do not apply **THIAMEX 25 WG** through the irrigation system.  
**THIAMEX 25 WG** can be applied to dry land and irrigated grapes.  
**THIAMEX 25 WG** must be applied within one month after harvest.  
The efficacy of **THIAMEX 25 WG** may be reduced on soils with a high clay content (above 25%).  
The efficacy of **THIAMEX 25 WG** may be limited by factors that impair optimal sap flow, e.g. the presence of virus infections or very old plantings. |
| **Mangoes:** | Mango scale may still occur on some fruit, despite treatment with **THIXMEX 25 WG**.  
**THIAMEX 25 WG** must only be applied to healthy, actively growing trees.  
**THIAMEX 25 WG** must only be applied as a soil drench application if a micro or drip irrigation system is present and not under dry land conditions. Poor or ineffective irrigation systems can hamper the efficacy of the product. |
RESISTANCE WARNING:
For resistance management THIAMEX 25 WG is a group code 4A insecticide. Any insect population may contain individuals naturally resistant to THIAMEX 25 WG and other group code 4A insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by THIAMEX 25 WG or any other group code 4A insecticides.

To delay insecticide resistance:
- Avoid exclusive repeated use of insecticide from the same insecticide group code. Alternate or tank mix with products form 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.

DIRECTIONS FOR USE:  USE ONLY AS DIRECTED.

Compatibility:
The compatibility of THIAMEX 25 WG with other products has not been tested.
- Do not use other products, which are not mentioned on this label, in combination with THIAMEX 25 WG. Consult the registration holder - Arysta Lifescience South Africa in case of any uncertainty.
- Always refer to the label of the product to be used in combination with THIAMEX 25 WG and adhere to the instructions, restrictions and directions for use.

Mixing Instructions:
- Half fill the spray tank with clean water and add the required quantity of THIAMEX 25 WG. Ensure thorough agitation while topping up and during spraying.
- Apply within a few hours of mixing. Do not prepare more spray mixture than is needed for the immediate operation.
- Use the prepared mixture immediately. Do not allow to stand overnight.
- Thoroughly clean all equipment used for mixing, treatment and planting.

APPLICATION METHODS
Ensure equipment is correctly calibrated to give even distribution at the correct volume. Wash all equipment thoroughly after use.

Drench application:
- Remove all weeds and plant debris under the tree or vine and make a trench around the trunk. Apply around the entire base of the trunk.
- Irrigate within one day of application to wash the product into the soil.
- Slightly damp soil will enhance the movement of the product into the soil.
- THIAMEX 25 WG and granular fertilizer applications must be done separately.
## APPLICATION:

<table>
<thead>
<tr>
<th>Crop/ Pest</th>
<th>Dosage rate</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CITRUS</strong></td>
<td>18 grams</td>
<td><strong>Drench application:</strong> Apply when flower petals elongating from mid August to mid September. The best results are obtained when applications are made 4 to 6 weeks prior to the first crawler movement.</td>
</tr>
<tr>
<td>Red scale (Aonidiella aurantii)</td>
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<tr>
<td><strong>APPLES</strong></td>
<td>3 grams</td>
<td><strong>Drench application:</strong> Apply during the last two weeks of September in 1ℓ of water.</td>
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<tr>
<td>Woolly apple aphids (Eriosoma lanigerum)</td>
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<td></td>
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<tr>
<td><strong>GRAPES</strong></td>
<td>1.2 grams</td>
<td><strong>Drench application:</strong> Drench around the base of the vine in 500 mℓ water. Increase water volume to 1 ℓ mixture/vine under dry land conditions and in sandy soils. Apply as a single application.</td>
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<tr>
<td>Wine and table grapes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mealybug (Planoccus ficus)</td>
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<td></td>
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<tr>
<td><strong>MANGOES</strong></td>
<td>6 grams</td>
<td><strong>Drench application:</strong> Apply from the last week in July to mid August. The best results are achieved in orchards with a drip irrigation system where the product is applied directly under the dripper. In cases where there are two drippers per tree, the application volume should be divided in two equal parts and half applied under each dripper. In orchards with micro irrigation systems, apply THIAMEX 25 WG around the base of the trunks. Mix with 1ℓ of water and apply with a jug. The efficacy of THIAMEX 25 WG is subject to effective translocation of the product within the plant. The activity of THIAMEX 25 WG will be affected negatively by any factors inhibiting translocation, such as old re-worked trees or trees subject to any kind of stress. Mango scale may still occur on some fruit, despite treatment with THIAMEX 25 WG.</td>
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<tr>
<td>Mango scale (Aulacaspis tuberculatis) (suppression)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mealybug (Planoccus citri Pseudoccus longispinus Nipaecoccus viridus)</td>
<td></td>
<td></td>
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<tr>
<td>Mango seed weevil (Stemochetus mangiferae)</td>
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</tbody>
</table>

**Note:** Mix with 1ℓ of water and apply with a jug. Refer to “Use Restrictions” and “Application Method"