

BEFORE USING THIS PRODUCT, READ THE LABEL CAREFULLY. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.

Fungicide



THIRAM 750 WP

Reg. No. L 7097 Act No. 36 of 1947

4: 17/01/2023 – July 2023

A wettable powder contact fungicide for the control of certain diseases on crops as listed.

ACTIVE INGREDIENT

thiram (a thiuram)

750 g/kg

GROUP

M3

FUNGICIDE



WARNING

Hazard Statements:

May be harmful if swallowed or in contact with skin.

Causes skin irritation.

May cause an allergic skin reaction.

Causes serious eye irritation.

Harmful if inhaled.

May cause damage to liver through prolonged or repeated exposure (oral).

Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.

Avoid release into the environment.

kg

villa



UN Number: 3077

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07

PO Box 801, Kempton Park, 1630

Tel. (011) 396 2233

Website: 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)

DIRECTIONS FOR USE ENCLOSED

Batch Number:

Date of Manufacture:

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

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FRAC FUNGICIDE GROUP CODE: M3

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WARNINGS

- **Withholding periods:** Allow 14 days between the last application and harvest of apples, apricots, peaches, pears and plums.

Hazard statements:

May be harmful if swallowed or in contact with skin.
Causes skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
Harmful if inhaled.
May cause damage to liver through prolonged or repeated exposure (oral).
Very toxic to aquatic life with long lasting effects.

- Handle with care.
- Toxic to bees and animals.
- Store away from food, feedstuffs, seed and other agricultural chemicals.
- Keep concentrate dry.
- Store in a cool, dry place.
- Keep out of reach of children, uninformed persons and animals.
- 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 warrant that it will be efficacious under all conditions, because the action and effect thereof may be affected by factors such as abnormal climatic and storage conditions, quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the diseases to the remedy concerned, as well as by the method, time and accuracy of application. The registration holder further 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 event of any uncertainty.

PRECAUTIONS**Precautionary statements:**

Avoid breathing dust or spray.
Wash hands thoroughly after handling. Do not touch eyes.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF SWALLOWED, INHALED OR ON SKIN: Get medical help.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
Get medical help if you feel unwell.

If skin irritation or rash occurs: Get medical help.
If eye irritation persists: Get medical help.
Take off contaminated clothing and wash it before reuse.
Collect spillage.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Avoid contact with skin and eyes.
- Do not eat, drink or smoke whilst applying or mixing or before washing hands and face or change of clothing.
- Prevent drift onto other crops, grazing, rivers, dams or areas not under treatment.
- Clean applicator thoroughly after use and dispose of wash water where it will not contaminate crops, grazing, rivers or dams.
- Invert the empty container over the spray or mixing tank to make sure the container is empty, before destroying the container.
- Containers and packages must be completely emptied before being disposed of. Shake out thoroughly into the mixing tank and destroy the empty container thereafter.
- **Do not** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
Thiram	75%

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 consult a doctor.
- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. **Seek medical attention.**
- **Skin:** Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Obtain medical attention if irritation occurs.**
- **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.**
- **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.
- **Advice to physician:** Treat symptomatically and supportively. No specific antidote known.

RESISTANCE WARNING

THIRAM 750 WP is a group code M3 fungicide. Any fungus population may contain individuals naturally resistant to **THIRAM 750 WP** and other group code M3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **THIRAM 750 WP** or any other group code M3 fungicide.

To delay fungicide resistance:

- avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with products from different fungicide group codes,
- for tank mixing or alternation with products, refer to applicable, individual product labels,
- integrate other control methods (chemical, cultural, biological) into disease control programmes.

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

Mode of action:

Thiram has multi-site activity (FRAC M3), by chemically reacting, non-specifically, with thiol groups on amino acids and enzymes, which results in disruption of respiration and other cellular functions. It is a contact fungicide with protective activity.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

THIRAM 750 WP is compatible with most insecticides, miticides and fungicides. Compatibility tests are recommended before other products are used in tank mixtures with **THIRAM 750 WP**. Do not use in tank mixtures with lime and copper containing products.

Mixing Instructions:

Fill the spray tank a quarter to a half with clean water and start agitating (use mechanical or hydraulic agitation). Premix the required amount of **THIRAM 750 WP** with a small quantity of clean water in a mixing container to form a cream and then add to the water in spray tank while maintaining agitation, to ensure a homogenous mixture. Fill the tank with water to the required level. Continue agitating the spray mixture constantly during mixing and spraying. Apply the mixture within one hour of the product being diluted with water.

APPLICATION RATES

Crop / Disease	Dosage rate as indicated	Remarks
<u>Apples & Pears</u> Scab	<u>High Volume:</u> 150 g / 100 ℓ water (2.25 to 5.25 kg / ha) <u>Low Volume:</u> 1.8 to 4.2 kg / ha	THIRAM 750 WP applications are suitable for the post-bloom applications on Copper- and Sulphur sensitive varieties. Do not apply pre-blossom. Apply the first application at 75 % petal drop. Apply 2 to 4 follow-up applications thereafter with 10 to 12 day intervals. The success of control of the primary infestations and the weather conditions will influence the number of applications and the intervals.
<u>Apricots</u> Gum spot	<u>High Volume:</u> 150 to 200 g / 100 ℓ water (1.8 to 3.75 kg / ha) <u>Low Volume:</u> 1.25 to 3 kg / ha	Apply 150 g per 100 litres water at 75 % leaf drop. Apply 200 g per 100 litres water with bud movement. Apply 150 g per 100 litres water at 90 % petal drop. This application will also control Green rot. If wet weather conditions prevail, repeat the applications with 10 to 14 day intervals.
Green rot	<u>High Volume:</u> 150 g / 100 ℓ water (2.25 to 3.75 kg / ha) <u>Low Volume:</u> 1.8 to 3 kg / ha	Apply at 95 to 100 % petal drop and apply a follow-up application 14 days later. These applications are usually applied as part of the Gum spot control programme.
Blossom blight	<u>High Volume:</u> 150 g / 100 ℓ water (1.8 to 3 kg / ha) <u>Low Volume:</u> 1.25 to 2.4 kg / ha	Apply the first application as soon as 5 % of the blossoms have reached balloon stage and not later than at the first signs of open blossoms. Apply follow-up applications until post-blossom, with 4 to 7 day intervals.

Crop / Disease	Dosage rate as indicated	Remarks
<u>Seed beds</u> (Apple seedlings) Damping off, Seed decay & Root rot	400 g / 100 ℓ water	Drench treatment: Apply at approximately 3 litres mixture per m ² . Apply the first application before emergence and repeat applications post-emergence with 7 day intervals.
<u>Peaches</u> Leaf curl	<u>High Volume:</u> 150 g / 100 ℓ water (1.8 to 3 kg / ha) <u>Low Volume:</u> 1.45 to 2.4 kg / ha	Apply one application during the period July until bud swell. Apply a preceding application of Copper oxychloride during May.
Gum spot	<u>High Volume:</u> 150 g / 100 ℓ water (1.8 to 3.75 kg / ha) <u>Low Volume:</u> 1.45 to 3 kg / ha	If a high infestation occurred during the previous season, apply the first application at 50 % leaf drop, during May. Apply the second application during bud swell stage.
<u>Peaches & Plums</u> Blossom blight	<u>High Volume:</u> 150 g / 100 ℓ water (2.25 to 3 kg / ha) <u>Low Volume:</u> 1.8 to 2.4 kg / ha	Apply at 95 to 100 % petal drop and apply a follow-up application 14 days later. These applications are usually applied as part of the Gum spot control programme.
<u>Rooibos (Tea)</u> Seed decay & Seed borne diseases	4.0 g / kg seed	For exclusive use by Rooibos Limited ONLY. Use as per Rooibos Limited seed treatment protocol.