

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

SHAKE THE BOTTLE WELL BEFORE USE.

Fungicide



THIABENDAZOLE 500SC

Reg. No. L 7831 Act/Wet No. 36 of/van 1947

3:10/10/2012-June2017

A suspension concentrate fungicide for the control of post-harvest rot in crops as listed and the disinfection of empty cold stores.

'n Suspensie konsentraat swamdoder vir die beheer van na-oes bederf van vrugte soos gelys en die ontsmetting van leë koelkamers.

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

thiabendazole (benzimidazole) **500 g/l** tiabendasool (bensimidasool)

FRAC FUNGICIDE GROUP CODE **1** FRAC SWAMDODER GROEPKODE



villa

Registration holder / Registrasiehouer:
Universal Crop Protection (Pty) Ltd.
Co. Reg. No. / Mpy. Reg. Nr. 1983/008184/07
PO Box / Posbus 801, Kempton Park, 1620
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CAUTION
VERSIGTIG



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PO Box / Posbus 801,

KEMPTON PARK, 1620, Tel. (011) 396 2233

CAUTION / VERSIGTIG**WARNINGS**

- Handle with care.
- Harmful if swallowed.
- Irritating to the eyes, skin and respiratory system.
- Moderately toxic to fish.
- Store the product inside the original container and always keep tightly closed.
- Store in a cool, dry, well-ventilated place, away from food, seed and feedstuffs.
- 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 disease 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

- Avoid inhalation of the spray mist or fumes.
- Avoid contact with skin and eyes.
- Wear a face shield and rubber gloves when handling the product.
- Wash with soap and water after use and after accidental skin contact.
- Wash contaminated clothing after use.
- Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face and change of clothing.
- In case of eye contamination, rinse the eyes thoroughly with a stream of clean water, for at least 20 minutes. If irritation persists obtain medical aid.
- Prevent drift onto other crops, grazing, rivers, dams or areas not under treatment or to nearby water sources.
- Thoroughly clean spraying equipment directly after use and dispose of wash water, where it will not contaminate food, grazing, boreholes, rivers or dams.
- **TRIPLE RINSE** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of one third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the empty container by perforation and flattening and dispose of it in a safe way.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

RESISTANCE WARNING

THIABENDAZOLE 500SC is a group code 1 fungicide. Any fungus population may contain individuals naturally resistant to **THIABENDAZOLE 500SC** and any other group code 1 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **THIABENDAZOLE 500SC** or any other group code 1 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 in fungicide group code M, 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.

USE RESTRICTIONS

- **Avocados:** Fruit waxed and then wrapped, may develop internal browning.

DIRECTIONS FOR USE: Only use as indicated**Compatibility:**

- The compatibility of **THIABENDAZOLE 500SC** may be influenced by several factors. As factors influencing compatibility may vary, a physical compatibility test must always be performed, before such tank mixture is sprayed.
- When **THIABENDAZOLE 500SC** is used in conjunction with any other agricultural remedy, adhere to all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label.

Mixing instructions:

- Half fill the spray tank with clean water.
- Add the required amount of **THIABENDAZOLE 500SC** to the water, while stirring.
- Fill the spray tank with water to the required level, while maintaining agitation, to ensure thorough mixing.
- Maintain agitation during application.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.
- Ensure agitation during application, to keep the solution in suspension.

APPLICATION RATES

<i>Crop / Disease</i>	<i>Dosage Rate</i>	<i>Remarks</i>
Apples and Pears Blue mould & Grey mould	210 ml / 100 l water	WARNING Do not use on fruit, which is destined for export. <u>Apples:</u> Apply the first treatment within 24 hours after harvesting and a second treatment after cold storage. Dip in the suspension solution for 30 seconds or spray/flood for maximum 3 minutes. <u>Pears:</u> Once off treatment within 24 hours after harvesting.
Avocados Anthracnose & Stem-end rot	Apply to the fruit immediately after harvesting. Ensure thorough drying of treated fruit, before packing and storing. 270 ml / 100 l water PLUS 500 ml light mineral oil	<u>Dip Treatment:</u> Dip fruit for 20 seconds.
	70 ml / 25 l wax	<u>Wax Treatment:</u> Apply in the water emulsion wax. Ensure thorough coverage with the wax.
Bananas Collar rot	45 ml / 100 l water	Apply to the fruit after washing, cleaning and trimming.

Crop / Disease	Dosage Rate	Remarks
Citrus	Treat the fruit after washing and cleaning.	
Blue mould, Green mould & Stem-end rot	400 ml / 100 ℓ water	Apply by means of spraying or brushing the suspension onto the fruit.
	200 ml / 25 ℓ wax	Apply in the water emulsion wax by means of a special wax applicator.
Disinfection of empty cold stores	20 ml / 10 ℓ water	Apply as a wall and floor wash, to help with disinfection of <i>Aspergillus</i> spp., <i>Botrytis</i> spp. and <i>Penicillium</i> spp.
Mushrooms Dry bubble, Wet bubble, Cobweb & Plaster mould	230 to 300 ml / 100 ℓ water	<u>Drench treatment:</u> Apply 100 litres suspension solution per 80 m ² of a mushroom bed. Use the high dosage rate after casing, and the low dosage rate between breaks.
Musk melons Post harvest rot	80 ml / 25 ℓ wax	Apply in the water emulsion wax. Ensure thorough coverage of the fruits with the wax. Ensure that the treated fruit are thoroughly drained and dry, before packing. This treatment will not control bacterial diseases.
Pineapples Post harvest rot	500 ml / 100 ℓ water	Apply within 24 hours after harvesting. Dip the fruit for 30 seconds. Avoid wetting the tops of the pineapples. Top up the dip mixture with 500 ml per 100 litres water.
Potatoes Seed potatoes <i>Fusarium</i> dry rot, Gangrene & Suppression of Black scurf (<i>Rhizoctonia</i>)	Apply immediately after lifting. Treat potato tubers (whole). Do not use bags in the dip treatments. Change the dipping mixture frequently. Agitate tubers during dipping, to remove air bubbles. Ensure that the tubers are completely dry, before storing.	
	2100 to 4200 ml / 100 ℓ water	<u>Spray application:</u> Spray on a running conveyor belt system using the necessary misting equipment. Apply 4 litres suspension at the lower rate, or 2 litres suspension at the higher rate, per one ton of potatoes.
	400 ml / 100 ℓ water	<u>Dip Treatment:</u> Dip for 5 minutes. Ensure that the tubers are clean, before dipping. Top up the dip mixture with 400 ml per 100 litres water.
Stem cancer & Black scurf (<i>Rhizoctonia</i>)	90 ml / ton	<u>Waterless Spray:</u> Spray tubers on a conveyor belt system, using the MANTIS ULV applicator.
	Apply to the tubers before planting.	
	800 ml / 100 ℓ water	<u>Dip Treatment:</u> Dip for 5 minutes. Ensure that the tubers are clean, before dipping. Top up the dip mixture with 800 ml per 100 litres water.
	135 ml / ton	<u>Waterless Spray:</u> Spray tubers on conveyor belt system using the MANTIS ULV applicator. Not recommended for tubers with severe Black scurf infection.
Table Potatoes <i>Fusarium</i> dry rot	Treat immediately after lifting. Ensure that the tubers are completely dry before storing.	
	315 to 630 ml / 100 ℓ water	<u>Spray application:</u> Spray on conveyor belt system using the necessary misting equipment. Apply 4 litres suspension at the lower rate, or 2 litres suspension at the higher rate, per one ton of potatoes
	400 ml / 100 ℓ water	<u>Dip Treatment:</u> Dip for 2 minutes. Clean the tubers before dipping treatment. Top up the dip mixture with 400 ml per 100 litres water.
	90 ml / ton	<u>Waterless Spray:</u> Spray the tubers on conveyor belt system using the MANTIS ULV applicator.