

**READ THE LABEL BEFORE USE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS.
ONLY FOR COMMERCIAL FARM USE. NOT FOR USE WITH ANY HANDHELD EQUIPMENT AND/OR IN
RESIDENTIAL AREAS AND AERIAL APPLICATION.**



Fungicide

VILLA UNIZEB 750 WDG

Reg. No. L 8812 Act No. 36 of 1947

5: 31/01/2023 –May2025

A wettable granule fungicide for the prevention and control of various fungal diseases on crops listed.

ACTIVE INGREDIENT

mancozeb (dithiocarbamate) 750 g/kg

GROUP

M3

FUNGICIDE



DANGER

Hazard Statements:

May be harmful if swallowed.
May cause an allergic skin reaction.
Causes serious eye damage.
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
May cause damage to organs (thyroid, nervous system) through prolonged or repeated exposure.
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 to the environment.

kg

villa



UN Number: 3077

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

65 Botes Road, Glen Marais, Kempton Park, 1619

Tel. (011) 396 2233

Website: www.villacrop.co.za

IN CASE OF POISONING / 24 HR EMERGENCY NUMBERS:

Griffon Poison Information Centre (National): +27 82 446 8946

Poison Information Helpline (National): +27 861 555 777

24 Hr Transport / Spill emergency no: (Hazcall24) +27 86 044 4411

(Client: Villa Crop Protection)

DIRECTIONS FOR USE ENCLOSED
Batch Number: _____
Expiry Date: _____
Date of Manufacture: _____

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

VILLA UNIZEB 750 WDG

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FRAC FUNGICIDE GROUP CODE: M3

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WARNINGS**Withholding periods:**

Allow the following withholding periods between the last application and harvest and/or feeding of the crops concerned:	
Tomatoes & Potatoes	3 days
Table grapes	4 to 6 weeks
Wine grapes	14 days
Apples & Pears	14 days
Citrus	14 days
Cucumbers	3 days

NOTE

IN THE CASE OF CROPS INTENDED FOR EXPORT, CONFIRM WITHHOLDING PERIODS WITH THE RELEVANT EXPORT ORGANISATION. IF THIS PRODUCT IS USED ACCORDING TO THE RECOMMENDATIONS ON THIS LABEL, LOCAL MRL VALUES WILL NOT BE EXCEEDED. HOWEVER, UNIVERSAL CROP PROTECTION (PTY) LTD. CANNOT ACCEPT RESPONSIBILITY FOR EXPORTED CROPS EXCEEDING THE IMPORT TOLERANCES OF OTHER COUNTRIES. LONGER WITHHOLDING PERIODS MAY APPLY IF VILLA UNIZEB 750 WDG IS USED IN A TANK MIXTURE. CONSULT RELEVANT LABELS FOR FURTHER INSTRUCTIONS.

Hazard statements:

May be harmful if swallowed.
May cause an allergic skin reaction.
Causes serious eye damage.
Suspected of causing cancer.
Suspected of damaging fertility or the unborn child.
May cause damage to organs (thyroid, nervous system) through prolonged or repeated exposure.
Very toxic to aquatic life with long lasting effects.

- Do not allow **VILLA UNIZEB 750 WDG** to be exposed to damp and then warm conditions. Flammable vapours are generated under these conditions and **VILLA UNIZEB 750 WDG** should therefore not be kept or stored in the close vicinity of sparks and open flames.
- Handle with care.
- Keep the container well closed when not in use.
- Store in a cool, dry and well-ventilated place away from food and feeds.
- 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 soil, 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 or pest to 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 event of any uncertainty.

PRECAUTIONS**Precautionary statements:**

Obtain, read and follow all safety instructions before use.
Do not breathe dust and spray.
Wash hands thoroughly after handling. Do not touch eyes.
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 OR IN EYES: Get medical help.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
IF exposed or concerned, get medical advice.
Get medical help if you feel unwell.
If skin irritation or rash occurs: Get medical help.
Collect spillage.
Store locked up.
Dispose of contents/container in accordance with local regulations.

- Avoid contact with the skin, eyes and clothes.
- 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 the applicator after use and dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- Containers/bags must be completely emptied before being disposed of. Shake out thoroughly into the mixing tank, destroy the empty container/bag thereafter and bury it.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- Prevent contamination of food, feeds, drinking water and eating utensils.

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.
- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. Seek medical attention if irritation occurs.
- **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.
- **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.

Relevant hazardous components	
Mancozeb	88.8%
Sodium alkyl naphthalene sulfonate salt	< 10%

NOTE: The ingredients listed above contribute to the overall GHS classification, the remaining ingredients do not have to be listed according to the South African Regulations for Hazardous Chemical Agents 2021, Regulation 14(b).

In case of poisoning, call the following number: +27 82 446 8946 (Griffon Poison Information Centre) or +27 861 555 777 (Poison Information Helpline).

In case of a chemical spill call the following 24 Hr Transport / Spill emergency number: +27 86 044 4411 (Hazcall24 / Client: Villa Crop Protection).

RESISTANCE WARNING

VILLA UNIZEB 750 WDG is a group code M3 fungicide. Any fungus population may contain individuals naturally resistant to **VILLA UNIZEB 750 WDG** 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 **VILLA UNIZEB 750 WDG** 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:

Mancozeb has multi-site activity (FRAC M3), by inactivating certain fungal enzymes and thereby disrupting lipid metabolism, respiration and production of ATP. It is a broad spectrum, contact active ingredient with protective action.

USE RESTRICTIONS

- **Citrus:** Before commencing with the spray programme, remove all out of season citrus fruit.
- **Table grapes:** Do not apply on table grapes when fruits have reached pea size (4 to 6 weeks prior to harvest), as this may cause tarnishing.
- **Tobacco:** Note that this product is not registered for use on tobacco or tobacco seedlings.

DIRECTIONS FOR USE: Use only as directed.

NOTICE TO USER:

Read the entire label before application. This agricultural remedy is to be used only in accordance with the instructions on the label. It is an offence under the Act to use this agricultural remedy for any purpose in a manner contrary with the directions on the label.

Compatibility:

- **VILLA UNIZEB 750 WDG** is compatible with **Essence 500 WDG**, **FUNGAWAY® 250 SC** (L 8590 / N-AR 1225), **Dimethozeb 690 WP**, **Kalgan 722 SL**, **Cerato 250 EC**, **Connect 500 WDG** and with most fungicides and insecticides.
- **Do not use** with alkaline products, e.g. lime sulphur and Bordeaux mixtures.
- **Citrus:** **Do not use VILLA UNIZEB 750 WDG** together with calcium arsenate or urea on citrus.

Mixing instructions:

- Mix the recommended quantity of **VILLA UNIZEB 750 WDG** in a small quantity of clean water until it forms a thick cream. Half fill the spray tank with clean water, add the cream mixture and ensure thorough agitation. Fill the spray tank with water to the required level. Ensure that thorough agitation of the mixture is maintained during mixing and spraying.
- When emulsifiable concentrates are to be used with **VILLA UNIZEB 750 WDG**, ensure thorough mixing of **VILLA UNIZEB 750 WDG** in the spray tank, before the emulsifiable concentrate is added to the spray tank.

Application instructions:

Do not use overhead irrigation just prior to application of **VILLA UNIZEB 750 WDG**.

CROP RECOMMENDATIONS

Apples and Pears: Low volume (LV) application can be performed with **VILLA UNIZEB 750 WDG**. Refer to the “APPLICATION RATES” for instructions. Follow these instructions carefully.

Citrus:

- Accurate timing of treatments is essential to achieve efficient control.
- **Cerato 250 EC**, **Essence 500 WDG**, **Connect 500 WDG** and **Fungaway® 250 SC** treatments must be applied as a preventive treatment with limited curative abilities.
- Apply **VILLA UNIZEB 750 WDG** as a first treatment starting at fruit set (100 % petal drop), at the registered rate.

- Follow up with two (2) **Cerato 250 EC / Essence 500 WDG / Connect 500 WDG** or **Fungaway® 250 SC** applications, as recommended below. Complete the spray programme with a further treatment of at least one **VILLA UNIZEB 750 WDG** application, as recommended.
- Refer to the respective **Cerato 250 EC / Essence 500 WDG / Connect 500 WDG** or **Fungaway® 250 SC** and narrow range mineral oil product labels for the respective recommendations and application rates.
- Lemons for export crop and local oil production:** All bearing and out of season fruit, should be removed from the trees before starting the programme application. Do not deviate from the recommended spray programme starting at fruit set (100 % petal drop).

Grapevines:

- Apply **Cerato 250 EC** preventively before the onset of an infection period.
- It is important to alternate with products from different group codes in the spray programme.
- Do not apply more than 3 FRAC Group Code 11 fungicide treatments per season.
- Water volume requirements on when **VILLA UNIZEB 750 WDG** is applied in a tank mixture with **Cerato 250 EC** grapes:

GROWTH STAGE	WATER VOLUME ℓ/h
	Table grapes
Shoots 2.5 cm – just prior to flowering	500 to 1000
Flowering – pea size	1000 to 1500
Pea berry size - harvest	1000 to 1500

APPLICATION RATES

Crop / Disease	Dosage rate	Remarks
VEGETABLES AND ROW CROPS		
Tomatoes Early blight, Late blight & <i>Septoria</i> leaf spot	200 g / 100 ℓ water (20 g / 10 ℓ water)	Apply the first application shortly after transplant. Use 500 litres spray mixture per hectare (500 mℓ per 10 m ²). Increase the volume to approximately 3000 litres spray mixture per hectare (3 litres per 10 m ²) as the plants increase in size. Tomato seedlings: Can be used on seedlings, if necessary.
Potatoes Early blight & Late blight	1 kg / 100 ℓ water	<u>Low volume application:</u> Apply 200 to 300 litres spray mixture per hectare.
	200 to 300 g / 100 ℓ water (20 to 30 g / 10 ℓ water)	<u>High volume application:</u> Apply up to 1000 litres spray mixture per hectare (1 litre per m ²).
Cucumbers <u>Controlled environments</u> Downy mildew (<i>Pseudoperonospora cubensis</i>)	VILLA UNIZEB 750 WDG 2 kg / ha (200 g / 100 ℓ water) (20 g / 10 ℓ water) PLUS 3 ℓ / ha (300 mℓ / 100 ℓ water) (30 mℓ / 10 ℓ water) Kalgan 722 SL	Start applications when the first signs of infection appear and repeat at 7 to 10-day intervals. Apply as a full cover spray in a maximum of 1500 litres water per hectare depending on the growth stage and density of the crop. Do not exceed a maximum dose rate of 2 kg per hectare VILLA UNIZEB 750 WDG and 3 litres per hectare of Kalgan 722 SL when water volumes exceeding 1000 litres water per hectare are required for adequate coverage. Apply three (3) to four (4) applications of Kalgan 722 SL per growing season. Alternate with fungicides with different modes of action if further applications are required for continued disease control.

Crop / Disease	Dosage rate	Remarks
ORCHARD CROPS		
Apples and Pears Scab	Pre-blossom: Apply 3 pre-bloom applications in total. Apply the first application at green tip stage and the last just prior to blossom.	
	Post blossom: Apply 4 to 6 applications in the post blossom stage. Apply the first application immediately after blossom. Apply the follow-up sprays at 7 to 14 day intervals.	
	150 g / 100 ℓ water (3 to 5.25 kg / ha)	High volume application: Suitable for the pre-blossom and post blossom applications. Apply 2000 to 3500 litres spray mixture per hectare. Use the lower recommended spray volume per hectare for the pre-blossom and for the first one or two post blossom sprays. Use the higher spray volume for the remaining applications.
	500 g / 100 ℓ water (2.5 to 4 kg / ha)	Low volume application: Suitable only for the post blossom applications. Apply 500 to 900 litres spray mixture per hectare. For the first one or two post blossom sprays, use the lower recommended spray volume per hectare and the higher spray volume for the remaining applications.
Grapevines (Table & Wine grapes) Downy mildew (<i>Plasmopara viticola</i>)	Low Volume: 1.8 to 3.0 kg / ha	
	Pre-blossom: 200 g / 100 ℓ water (1 to 1.5 kg / ha)	High volume application: Apply 500 to 750 litres spray mixture per hectare. Commence with the first spray when young shoots are 10 cm in length. Follow-up sprays should be applied at 7 to 10 day intervals, depending on favourable weather conditions for the development of the disease.
	Blossom to 80 % Calyx fall: 200 g / 100 ℓ water (1.5 to 2 kg / ha)	Apply 750 to 1000 litres spray mixture per hectare. Apply sprays during blossom to 80 % calyx fall period, only if the blossoming period is longer than 14 days.
Dead arm disease (<i>Phomopsis viticola</i>)	Post blossom: 200 g / 100 ℓ water (2 to 3 kg / ha)	Apply 1000 to 1500 litres spray mixture per hectare. During the post-blossom period, if weather conditions are favourable for the development of the disease, apply a further 2 sprays at 7 to 14 day intervals.
	200 g / 100 ℓ water (1 to 1.5 kg / ha)	High volume application: Apply 500 to 700 litres spray mixture per hectare. Apply 3 sprays prior to blossom at 7 to 10 day intervals. Apply the first spray when the shoots are 0.5 to 1 cm in length. NOTE Apply sprays before overhead irrigation.

Crop / Disease	Dosage rate	Remarks
Grapes (Table grapes) Downy mildew <i>(Plasmopara viticola)</i> Powdery mildew <i>(Uncinula necator / Oidium tuckeri)</i>	<u>High volume application:</u> 10 to 14-day programme VILLA UNIZEB 750 WDG 200 g / 100 ℓ water PLUS 40 ml / 100 ℓ water Cerato 250 EC	DO NOT apply after pea berry stage on table grapes. Apply Cerato 250 EC as a preventive treatment, commencing at 10 cm shoot length or before the onset of an infection period when conditions favour the development of the disease. Repeat at 10 to 14-day intervals and do not exceed 3 treatments per season. If more than 3 applications are required per season, apply other non-group code 11 fungicides (e.g. Dimethozeb 690 WP for Downy mildew control). Start with the Powdery mildew control programme at 2.5 cm shoot length with a registered fungicide from a different group code (non- Group Code 11). Refer water volume recommendations above under "CROP RECOMMENDATIONS".
Citrus Black spot & Melanose	IMPORTANT Refer to "USE RESTRICTIONS" above.	
	200 g / 100 ℓ water	<u>Normal rainfall during July to September:</u> Apply 4 applications. Apply the first spray during the third week of October. Apply 3 follow-up sprays at 25 day intervals.
	OR <u>First two sprays:</u> 200 g / 100 ℓ water <u>Last two to three sprays:</u> 150 g PLUS 600 ml light / medium mineral oil / 100 ℓ	OR <u>Above normal rainfall in July to September:</u> Apply 5 applications. Commence with the first spray after full petal drop. Apply the 4 follow-up sprays at 25-day intervals.

Crop / Disease	Dosage rate	Remarks
Citrus (continue) Black spot	OR 150 g / 100 ℓ water VILLA UNIZEB 750 WDG PLUS 10 g / 100 ℓ water Essence 500 WDG OR 10 g / 100 ℓ water Connect 500 WDG OR 20 ml / 100 ℓ water Fungaway® 250 SC OR 10 ml / 100 ℓ water Cerato 250 EC PLUS 300 ml light to medium narrow range mineral oil / 100 ℓ water	OR VILLA UNIZEB 750 WDG IN A PROGRAMME APPLICATION WITH STROBILURINES Start the programme with a single application of VILLA UNIZEB 750 WDG (at 200 g per 100 litres water) at 100 % fruit set. Follow up with the first tank mix of VILLA UNIZEB 750 WDG plus Essence 500 WDG or Connect 500 WDG or Fungaway® 250 SC or Cerato 250 EC plus mineral oil 21 to 25 days later. Follow up with a second tank mix of VILLA UNIZEB 750 WDG plus Essence 500 WDG or Connect 500 WDG or Fungaway® 250 SC or Cerato 250 EC plus mineral oil 6 weeks later. Thereafter, apply VILLA UNIZEB 750 WDG solo (at 200 g per 100 litres water) 6 weeks later. Repeat the VILLA UNIZEB 750 WDG solo application (at 200 g per 100 litres water) after 21 to 24 days, if conditions favour the development of late infections. Refer to the Essence 500 WDG or Connect 500 WDG or Fungaway® 250 SC or Cerato 250 EC labels for USE RESTRICTIONS and DIRECTIONS FOR USE. Lemons: Before commencement of the application programme, remove all remaining fruit.
Citrus rust mite	75 g / 100 ℓ water	Apply in spring.
Citrus silver mite	200 g / 100 ℓ water	An application can be sprayed as soon as the first Mites are noticed. In cases where the history of the trees and/or orchard shows a problem with Mites, the spray can be applied at petal fall. Ensure thorough wetting of the leaves and fruit. Citrus silver mite can cause russetting of lemons and grapefruit, during the 5th to 7th week period after petal fall. Lemons: Fruitlets resulting from summer blossoms are most susceptible to infestation.
Brown rot	200 g / 100 ℓ water	Spray the stem, soil and all the fruit up to 1 meter above the soil surface, three (3) weeks before harvest.
Necrostoma	200 g / 100 ℓ water	Apply during early December and repeat the application in early January. Apply as a full cover spray. When infection pressure is high, disease symptoms will be suppressed.

Consult the relevant product/pesticide labels for **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE**.

The following products mentioned in this label can be replaced with the following equivalent products:

- **KALGAN 722 SL** (L 10596) = **INVEST 772 SL** (L 10595) (**Propamocarb hydrochloride**),
- **CERATO 250 EC** (L 9336 / W1301636) = **PYRAX 250 EC** (L 9337) (**Pyraclostrobin**),
- **FUNGAWAY® 250 SC** (L 8590 / N-AR 1225 / W1301393) = **MYCOBLOCK 250 SC** (L 8591) = **STROBIN 250 SC** (L 8625) (**Azoxystrobin**) and
- **CONNECT 500 WDG** (L 9324) = **UNITE 500 WDG** (L 9325) (**Trifloxystrobin**).

FUNGAWAY® 250 SC, KALGAN 722 SL, CERATO 250 EC and **CONNECT 500 WDG**
are registered products of
Villa Crop Protection (Pty) Ltd.

DIMETHOZEB 690 WP, INVEST 772 SL, CHICO 250 EC, MYCOBLOCK 250 SC, STROBIN 250 SC and **UNITE 500 WDG** are registered products of
Universal Crop Protection (Pty) Ltd.