

Fungicide



# FORTUNE 500 SC

Reg. No. L 9918 Act No. 36 of 1947

3: 28/7/2022 – March 2023

A suspension concentrate organic based fungicide for the preventive control of plant diseases in crops as listed.

## ACTIVE INGREDIENT

folpet (phtalimide)

500 g/l

GROUP

M4

FUNGICIDE



### Hazard Statements:

May be harmful if swallowed.  
May be harmful in contact with skin.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Harmful if inhaled.  
Suspected of causing cancer.  
Very toxic to aquatic life.

### Precautionary Statements:

Avoid release into the environment.  
Wear impervious rubber gloves and chemical safety goggles.

**DANGER**



**villa**



UN Number: 3082

Registration holder: VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07

PO Box 10413, Aston Manor, 1630

Tel. (011) 396 2233

Website: [www.villacrop.co.za](http://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

**FORTUNE 500 SC**

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FRAC FUNGICIDE GROUP CODE: M4

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**WARNINGS****Withholding periods:**

Minimum time between the last application and harvest and/or grazing:	
Table grapes	Not after the pre-blossom stage.
Wine grapes	14 days

**NOTE**

ABOVE-MENTIONED WITHHOLDING PERIODS REFER TO COMPLIANCE WITH LOCAL MAXIMUM RESIDUE LIMITS (MRL'S). HOWEVER, IT IS IMPORTANT TO NOTE THAT IMPORT TOLERANCES OF OTHER COUNTRIES MIGHT POSSIBLY BE EXCEEDED. IF THE TREATED CROP WILL BE EXPORTED, FIRST CONSULT THE RELEVANT IMPORTER OR EXPORTING BODY REGARDING THE USE OF THIS PRODUCT, MRL'S AND RECOMMENDED WITHHOLDING PERIODS.

**Hazard statements:**

May be harmful if swallowed.
May be harmful in contact with skin.
May cause an allergic skin reaction.
Causes serious eye damage.
Harmful if inhaled.
Suspected of causing cancer.
Very toxic to aquatic life.

- Handle with care.
- Store in a cool, dry place away from food, feeds, fertilizers and other agricultural remedies.
- Keep out of reach of children, animals and uninformed persons.
- 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 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:**

Obtain, read and follow all safety instructions before use.
Avoid breathing fumes, mists, vapours 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, ON SKIN or skin irritation or rash occurs: 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. Get medical help.

IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical help.
IF exposed or concerned, get medical advice.
Collect spillage.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- In case of spillage of product on clothes, change and wash immediately.
- Do not eat, drink or smoke whilst mixing, applying the product or before washing hands and face or change of clothing.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Thoroughly clean the spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
- Invert the empty container over the spray or mixing tank to make sure the container is empty before destroying the container.
- **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](http://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.
- 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.

Relevant hazardous components	
Folpet	500 g/ℓ
Alcohols (C16-18, ethoxylated)	< 65 g/ℓ
Ethylene glycol	< 100 g/ℓ

### FIRST AID TREATMENT

- Skin: Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Seek medical attention.**
- Eyes: Flush eyes with clean water for at least 15 to 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention.**
- Inhalation: Remove person from contaminated area to fresh air and assist breathing as needed. **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.
- Advice to physician: Treat symptomatically and supportively. No specific antidote known.

### RESISTANCE WARNING

**FORTUNE 500 SC** is a group code M4 fungicide. Any fungus population may contain individuals naturally resistant to **FORTUNE 500 SC** and other group code M4 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly and exclusively in programs. These resistant fungi may not be controlled by **FORTUNE 500 SC** or any other group code M4 fungicides.

#### To delay fungicide resistance:

- avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate with products from different fungicide group codes,
- integrate other control methods (chemical, cultural, biological) into insect control programmes.

Since the presence of resistant fungi is difficult to detect prior to fungicide application, it is of the utmost importance that treated areas be inspected at regular intervals, to identify the occurrence of the fungicide resistant fungi timeously. The registration holder will not accept liability for performance failures in the event of a build-up of resistant fungi resulting from inadequate resistance management practices as indicated on the label.

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

**Mode of Action:**

**FORTUNE 500 SC** has multi-site, contact activity by targeting the thiol group of multiple enzymes involved in cellular respiration of the fungus thereby providing preventative control.

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

- **FORTUNE 500 SC** is hydrolysed when in solution at a rate that depends on the pH. This process is referred to as 'alkaline hydrolysis' and results in the breakdown of the active. In solutions with high pH values (alkaline solutions), this breakdown is rapid. The use of a buffer is highly recommended and should be added first to the tank (use ONLY in water with pH of close to 7 and higher).
- **FORTUNE 500 SC** can be applied in tank mixtures with the most commonly used insecticides and fungicides with the exception of **Lime**, **Lime Sulphur** and **Bordeaux** mixture. It should also **NOT** be applied with any other *Botrytis* remedy in wine and table grapes.
- When **FORTUNE 500 SC** is used in conjunction with any other agricultural remedy, adhere to all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label.
- A physical compatibility test must always be performed before such a tank mixture is sprayed. It is also recommended to do a small-scale test application first before a large-scale commercial treatment of such mixtures to confirm crop safety.
- **Do not apply more than 4 applications per season.**

**Mixing instructions:**

- **Shake the container thoroughly before tank mixture is prepared.**
- Half fill the spray tank with clean water and engage agitation. Agitation must be continued throughout the mixing and spraying operation. Re-suspend the spray mixture if agitation was suspended for longer than 5 minutes.
- When the spray or pre-mix tank is half full with water, add **FORTUNE 500 SC** slowly and agitate until completely dispersed.
- Agitation must be continued throughout the mixing and spraying operation. Re-suspend the spray mixture if agitation was suspended for longer than 5 minutes.
- If any other product is to be mixed with **FORTUNE 500 SC**, pre-mix the required volume of product in a similar fashion. Add the pre-mixed product(s) in the following sequence (as applicable): Powder/granular formulation (e.g., WP/WDG), Suspension Concentrate (SC), Emulsifiable Concentrate/emulsion (EC/EW).
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g., overnight.

**Application:**

- Apply as a preventative application and ensure thorough coverage of both upper and lower leaf surfaces.
- **FORTUNE 500 SC** can be applied with conventional high volume spray equipment. It is important that the sprayer be in good working order and correctly calibrated prior to application, to ensure that the correct delivery rate and even distribution of the spray mixture is obtained.

**APPLICATION RATES**

<i>Crop / Pest</i>	<i>Dosage rate</i>	<i>Remarks</i>
<b>FORTUNE 500 SC IS ALWAYS RECOMMENDED IN AN INTEGRATED DISEASE MANAGEMENT PROGRAMME. IN ORDER TO ACHIEVE CONSISTENT AND RELIABLE DISEASE CONTROL, PREVENTIVE FUNGICIDE APPLICATIONS ARE CRITICALLY IMPORTANT.</b>		
<b><u>Wine grapes</u></b> Deadarm ( <i>Phomopsis viticola</i> )  Botrytis rot ( <i>Botrytis cinerea</i> ) Downy mildew ( <i>Plasmopora viticola</i> )	200 ml / 100 ℓ water	Commence with treatment at bud swell. Repeat with 7-day intervals if climatological conditions promote disease development.  <b>Do not apply more than four (4) applications per season.</b>
		<u>Pre-blossom:</u> Apply first treatment when shoots are 10 cm long and repeat at 7-to-10-day intervals depending on weather conditions.  <u>Blossom to 80 % petal drop:</u> Only apply when the blossoming period lasts longer than 2 weeks.  <u>Post blossom:</u> Apply twice or more at 7-to-14-day intervals depending on weather conditions.  <b>Do not apply more than four (4) applications per season.</b>
<b><u>Table grapes</u></b> Deadarm ( <i>Phomopsis viticola</i> )  Downy mildew ( <i>Plasmopora viticola</i> )	200 ml / 100 ℓ water	Recommended only until pre-blossom stage. Apply first treatment at bud swell and repeat at 7-day intervals.  <b>Do not apply more than four (4) applications per season.</b>