

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



Fungicide

# CYMOXAZEB WP

Reg. No. L 7694 Act No. 36 of 1947  
N-AR 1081

3.24/1/2023 – Feb2023

A wettable powder preventive and curative fungicide for the control of diseases on crops as mentioned below.

## ACTIVE INGREDIENTS

GROUP 27;M3 FUNGICIDE

cymoxanil (cyanoacetamide oxime) 60 g/kg  
mancozeb (dithiocarbamate) 700 g/kg

### Hazard Statements:

Causes mild skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye irritation.  
Suspected of causing cancer.  
May damage fertility or the unborn child.  
May cause damage to organs 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 into the environment.



DANGER

kg

**villa**

UN Number: 3077

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

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)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number:  
Date of Manufacture:

**CYMOXAZEB WP\***

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N-AR 1081

FRAC FUNGICIDE GROUP CODE : 27 &amp; M3

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**VILLA CROP PROTECTION (PTY) LTD**

Co. Reg. No. 1992/002474/07

P.O. Box 10413, ASTON MANOR, 1630, Tel. (011) 396 2233

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

Allow the following number of days between the last application and harvest:	
Table grapes (do not apply after pea berry size)	4 to 6 weeks
Wine grapes and Potatoes	14 days
Tomatoes	7 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:**

Causes mild skin irritation.
May cause an allergic skin reaction.
Causes serious eye irritation.
Suspected of causing cancer.
May damage fertility or the unborn child.
May cause damage to organs through prolonged or repeated exposure.
Very toxic to aquatic life with long lasting effects.

- Handle with care.
- Store in a cool, dry, well-ventilated place in the original container, tightly closed and secured.
- Store away from food, feeds, seed, fertilizers and other agricultural remedies.
- **CYMOXAZEB WP** may not be used on hydroponical or container grown crops.
- 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****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 ON SKIN: Wash with plenty of water and non-abrasive soap.
IF IN EYES: Rinse cautiously 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.
If eye irritation persists: Get medical help.
Collect spillage.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Avoid eye and skin contact.
- Wash contaminated clothes after use.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face or change of clothing.
- Prevent drift onto other crops, grazing, rivers, dams or areas not under treatment or to nearby water sources.
- Do not use close to fishponds, fish tanks or aquaria.
- Thoroughly clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds. Thereafter rinse the empty container three (3) 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.
- **CLEAN THE EMPTY BAGS AS FOLLOWS:** Shake all the pesticide formulation out of the bag into the spray or mixing tank. Turn the bag inside out. Hold the bag over the spray or mixing tank and rinse the bag with running water for thirty seconds. Shake the rinsate off into the tank. Repeat the rinsing twice. Cut the bag into pieces and dispose of via normal refuse disposal. Do not bury, burn or donate the bag to any other parties that may use it as a container for foodstuffs.
- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
Mancozeb	70 %
Cymoxanil	6 %
Fatty alcohol sulphonate	<5 %

### **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. IF exposed or concerned, get medical advice.
- **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 or rash occurs.**
- **Eyes:** Flush eyes with clean water for at least 15 to 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after five (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.

### **NOTE TO PHYSICIAN:**

No specific antidotes are available. Treat supportively and symptomatically.

If a large amount has been ingested in the last few hours, and if copious vomiting has not already occurred, the stomach must be emptied and steps taken to limit gastrointestinal absorption. If the patient is fully alert

and nervous system depression is not anticipated, oral administration of Syrup of Ipecac is probably the best way to empty the stomach.

### **RESISTANCE WARNING**

**CYMOXAZEB WP** is a mixture of **Cymoxanil** and **Mancozeb** which are group code 27 and M3 fungicides respectively. Any fungus population may contain individuals naturally resistant to **CYMOXAZEB WP** and other group code 27 and 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 **CYMOXAZEB WP** or any other group code 27 and M3 fungicides.

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.

### **RESISTANCE – ADDITIONAL NOTES**

- **Mancozeb** (group code M3 fungicide) has a preventative mode of action, whilst **Cymoxanil** (group code 27 fungicide) is a local systemic, with preventative and curative mode of action.
- **Cymoxanil** should always be used in combination with other fungicides, in other fungicide group codes.
- **Cymoxanil** is active against pathogen strains that are resistant to (phenylamide, FRAC fungicide group code 4) fungicides.

### **USE RESTRICTIONS**

- Do not use on hydroponical or container-grown crops.
- **CYMOXAZEB WP** must not be applied when crops are under severe drought and/or fertility stress conditions. The uptake and activity of systemic compounds may be reduced under these conditions.
- If rain occurs within two hours after treatment, the product performance may be affected and the application must be repeated.
- Consult a representative or the distributor in the event of any uncertainty.

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

#### **General:**

- **CYMOXAZEB WP** is most effective when applied in a preventative programme.
- Apply in sufficient water per hectare, to give a thorough coverage of the treated crops.

#### **Compatibility:**

- The compatibility of **CYMOXAZEB WP** with other products may be influenced by several factors. These factors may vary and a physical compatibility test must therefore always be performed, before such tank mixture is sprayed.
- When **CYMOXAZEB WP** is used in tank mixtures with any other agricultural remedy, all **WARNINGS**, **PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label, must be adhered to.

#### **Mixing instructions:**

- Half fill the spray tank with clean water.
- Pre-mix the required amount of **CYMOXAZEB WP** with a small volume of water into a smooth cream.
- Add the required amount of creamed **CYMOXAZEB WP** to the spray tank, ensuring continuous agitation, while topping up the tank with water to the required level.
- Maintain agitation during application.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

### **APPLICATION INSTRUCTIONS**

- **CYMOXAZEB WP** can be applied with a correctly calibrated conventional high volume ground sprayer that is in a good working order.
- It is recommended to fit hollow cone nozzles to achieve spray of fine to medium droplets.

## APPLICATION RATES

Crop / Disease	Dosage Rate	Remarks
<p><b>Potatoes and Tomatoes</b> Late blight (<i>Phytophthora infestans</i>)</p>	2 to 3 kg / ha	<p><u>High Volume:</u> Apply as a full cover spray in 500 to 1500 litres water per hectare, depending on plant size. Apply during period of active growth. Commence with the programme as soon as favourable conditions are conducive for Late blight development. <b>Do not apply more than four (4) treatments per season.</b> Apply every 10 to 14 days. Use in combination with a standard preventative programme. Use the higher dosage rate when infection pressure increases. Reduce the spray interval to 7 to 10 days, when conditions favour the development of Late blight and use the higher dosage rate under such conditions.</p> <p><b>NOTE</b> <b>CYMOXAZEB WP</b> does not provide effective control against Early blight (<i>Alternaria solani</i>), when used in a 10 to 14-day spray programme. A product registered against Early blight, should therefore be applied with the <b>CYMOXAZEB WP</b> treatment, to control Early blight, when conditions favour the development of Early blight.</p>
<p><b>Wine grapes and Table grapes:</b> Downy mildew (<i>Plasmopara viticola</i>)</p>	200 g / 100 ℓ water (1 to 3 kg / ha)	<p>Commence spraying when the first shoots have reached 10 cm length. Repeat every 10 to 14 days. Use a shorter spray interval (7 to 10 days) when conditions are favourable for development of the disease.</p> <p><b>NOTE</b> <b>Do not use on table grapes after pea-berry size stage.</b></p>