

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

Fungicide



# CAPTAN 800 WG

Reg. No. L 9249 Act No. 36 of 1947  
N-AR 2180

3: 13/1/2023 – Feb 2023

A water dispersible granule contact fungicide for the control of diseases on crops as listed.

## ACTIVE INGREDIENT

captan (phthalimide) 800 g/kg

GROUP M4 FUNGICIDE



### Hazard Statements:

May be harmful if swallowed.  
Harmful in contact with skin.  
Causes mild skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Toxic if inhaled.  
May cause allergy or asthma symptoms or breathing difficulties if inhaled.  
Suspected of causing cancer.

### Precautionary Statements:

Avoid release into the environment.  
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.

**DANGER**

kg

**villa**



UN Number: 2588

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](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)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED

Batch Number:  
Date of Manufacture:

**CAPTAN 800 WG**

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N-AR 2180

FRAC FUNGICIDE GROUP CODE: M4

**ACTIVE INGREDIENT:**

captan (phthalimide).....800 g/kg

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P.O. Box 801, KEMPTON PARK, 1620, Tel. (011) 396 2233

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

<b>Allow the following number of days between the last treatment and harvest or use as food or feed:</b>	
Apples and Pears	14 days
Peaches	14 days
Potatoes	14 days
Table grapes	4 to 6 weeks
Tomatoes	7 days

**IMPORTANT**

**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.**

**Hazard statements:**

May be harmful if swallowed.
Harmful in contact with skin.
Causes mild skin irritation.
May cause an allergic skin reaction.
Causes serious eye damage.
Toxic if inhaled.
May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Suspected of causing cancer.
Very toxic to aquatic life

- Store in a cool place.
- Store away from food, feed, fertilizer and other agricultural products.
- 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 effective under all conditions. The activity 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, 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 by 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.
Avoid breathing dust, mist, or spray.
Wash hands and face 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.
In case of inadequate ventilation wear respiratory protection.
IF SWALLOWED: Get medical help.
IF ON SKIN: Wash with plenty of water and non-abrasive soap. Get medical help.
IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get emergency medical help immediately.
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.
If skin irritation or rash occurs: Get medical help.
If experiencing respiratory symptoms: Get emergency medical help immediately
Take off contaminated clothing and wash it before reuse.
Collect spillage.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Do not eat, drink or smoke while mixing or applying the product or before washing hands and face.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Clean applicator after use. Dispose of rinsate where it will not contaminate crops, grazing, rivers, dams and boreholes.
- **TRIPLE RINSE EMPTY PLASTIC BAG AS FOLLOWS:** 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 an approved collector or recycler ([www.croplife.co.za](http://www.croplife.co.za)). Do not bury, burn or donate the bag to any other parties that may use it as container for foodstuffs.
- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
<b>Captan</b>	80 %
Morwet D-425	<10 %
Morwet EFW	<5 %

### **FIRST AID MEASURES**

- **General advice:** 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. If exposed or concerned, get medical advice.
- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. **Get emergency medical help immediately** 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.**
- **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**

**CAPTAN 800 WG** is a group code M4 fungicide. Any fungi population may contain individuals naturally resistant to **CAPTAN 800 WG** and other group code M4 fungicides. The resistant individuals can eventually dominate the disease population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **CAPTAN 800 WG** or any other group code M4 fungicide.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate or tank mix with registered products from different fungicide group codes.
- A spray programme of mixtures or alternations with remedies with a different mode of action may delay resistant strain build-up.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.

Since the occurrence of resistance cannot be forecast, users are advised to keep treated crops under close observation. If treatment is not effective following the use of **CAPTAN 800 WG** as recommended, a resistant strain may be present. If a resistant strain is positively identified, consideration should be given to prompt use of a fungicide with a different mode of action for which there is no record of resistance to the relevant disease.

### **MODE OF ACTION**

**Captan** is a non-systemic fungicide with protective and curative activity. Possibly degrades, via hydrolysis, to the corresponding thiophosgene, which may be the biologically active species. Chemically reacts, non-specifically, with thiols, inhibiting respiration.

### **USE RESTRICTIONS**

- **CAPTAN 800 WG** must not be applied to any crop suffering from stress as a result of drought, water logging, low temperature, insect attack, nutrient or lime deficiency or other factors reducing crop growth.
- Spray programmes with **CAPTAN 800 WG** should commence before disease/s become established.
- In table grapes, **do not** apply after berries have reached pea size as this may cause tarnishing.
- Do not apply **CAPTAN 800 WG** to any crop or situation not mentioned in this instruction leaflet.
- Only apply **CAPTAN 800 WG** using an accurate and safe application technique.
- If **CAPTAN 800 WG** is used in a tank mix with other recommended products, consideration should be given to the restrictions of those respective products.
- Do not apply this product in combination or tank mixture with any other product or agricultural remedy which is not specifically listed on this label. Universal Crop protection (Pty) Ltd instructions on this label are not adhered to, unless a Villa Crop Protection (Pty) Ltd representative was consulted beforehand.

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

### **Mixing Instructions:**

- Mix the required quantity of **CAPTAN 800 WG** with a small volume of water into a slurry.
- Half-fill the spray tank with suitable water, then add the premix to the water in the tank while agitating.
- Fill the spray tank to the desired volume.
- Should tank mixtures with other products be made, follow the respective manufacturers' label recommendations.
- **Tank mixtures must be sprayed out immediately and not allowed to stand in the spray tank.**
- Spraying equipment must be thoroughly flushed out at the end of the spraying operation.

### **Compatibility:**

- The compatibility of **CAPTAN 800 WG** with other products depends on the formulations of the respective products as well as the quality of the spray water to be used.
- As formulations change from time to time it is recommended that a physical compatibility test be done prior to the tank mixture being made.
- **CAPTAN 800 WG** is compatible with most non-alkaline agricultural remedies normally used.

### **APPLICATION METHODS**

- Ensure that the equipment is correctly calibrated and is checked regularly during application to ensure even and accurate application.
- **CAPTAN 800 WG** can be applied with conventional high-volume spray equipment.
- **Constant agitation throughout the spray operation is essential.**
- Only clean water should be used.
- **If rain occurs within two (2) hours after treatment, the product performance may be affected, and the application must be repeated.**

**RECOMMENDATIONS**

<b>Situation</b>	<b>Application Rate</b>	<b>Remarks</b>
<b><u>Potatoes</u></b> Late blight <i>(Phytophthora infestans)</i>	1.25 to 2.0 kg/ha	Commence spraying before disease is due to appear. Use the higher dosage rate for big plants and/or when infection is severe. Use at the higher rate and at shorter intervals when infection pressure increases. Apply during period of active growth of plant as a high volume, full cover spray. Depending on the plant size, apply in 300 to 500 litres water per hectare. Apply in a programme and use sufficient spray mixture to obtain adequate coverage.
<b><u>Tomatoes</u></b> Late blight <i>(Phytophthora infestans)</i>	125 g / 100 ℓ water	<u>Seedbeds:</u> Spray twice per week <u>Lands:</u> Commence before disease is due to appear. Apply in sufficient water volume to ensure adequate coverage.
<b><u>Apples and Pears</u></b> Scab	125 g / 100 ℓ water	<u>Pre-blossom:</u> Commence at green tip stage and repeat at 7-day intervals. <u>Post-blossom:</u> Continue with 3 to 4 sprays every 10-to-14-days depending on weather conditions. Leaf spotting may result on certain sensitive apple cultivars.
<b><u>Peaches</u></b> (Freckle)	125 g / 100 ℓ water	Apply at full blossom, two (2) weeks later and three (3) weeks after the second spray.
<b><u>Table grapes</u></b> Anthracnose	125 g / 100 ℓ water	Apply to young re-growth and bunches. Repeat 10-to-14-day intervals up to pea-berry stage. <b><u>Do not use on wine grapes.</u></b>
<b><u>Roses</u></b> Black spot	125 g / 100 ℓ water	Start spraying at first signs of infection and repeat every 7 to 10 days.
<b><u>Turf</u></b> Fairy ring, dollar spot and other leaf crown and root diseases	200 g / 100 ℓ water / 50 m <sup>2</sup>	Spray at first signs of infection.