

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



Fungicide

CAPTAB WP

Reg. No. L 6758 Act No. 36 of 1947
N-AR 1903

4.28/08/2023 – June2023

A wettable powder fungicide for the control of diseases as listed.

ACTIVE INGREDIENT

captan

500 g/kg

GROUP

M4

FUNGICIDE



Hazard Statements:

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 boots, protective clothing and chemical safety goggles.

DANGER

kg

villa



UN Number: 3077

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

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:

CAPTAB WP

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N-AR 1903

FRAC FUNGICIDE GROUP CODE : M4

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captan 500 g/kg

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P.O. Box 801, KEMPTON PARK, 1620

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WARNINGS**Withholding periods:**

Allow the following withholding period between the last application and harvest or feeding:	
Celery	3 days
Tomatoes	7 days
Strawberries	10 days
Apples, Apricots, Boysenberries, Youngberries, Blackberries, Cranberries, Raspberries, Guavas, Olives, Peaches, Pears, Plums and Quinces	14 days
Blueberries and currants	10 days
Table grapes (do not apply after pea size)	4 to 6 weeks

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 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.
- Toxic to wildlife.
- Store away from food and feeds.
- Store in the original container/bag, tightly closed, in a cool, dry place.
- 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 diseases 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.
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 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 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.
If skin irritation or rash occurs: Get medical help.
Collect spillage.
Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Avoid contact with skin, eyes and clothing.
- Do not eat, drink or smoke whilst applying, mixing, before washing hands and face or change of clothing.
- Prevent spray drift onto crops, grazing, rivers, dams or areas not under treatment or adjacent water sources.
- Clean the applicator after use and dispose of wash water where it will not contaminate food, crops, 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 after the flow has slowed down to dripping. 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). 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 PAPER BAG AS FOLLOWS:** Shake all the pesticide formulation out of the bag or box into the spray or mixing tank or if it is directly dispensed onto treatment areas, over the area. Turn the bag or box inside out. Hold the bag or box over the spray or mixing tank or treatment area and rinse the bag or box with running water for thirty seconds. Shake the rinsate off into the tank. Repeat the rinsing twice. Cut the bag or box into pieces and dispose of via normal refuse disposal. Do not bury, burn or donate the bag or box to any other parties that may use it as container for food stuffs.
- Prevent contamination of food, feeds, drinking water and eating utensils.

Relevant hazardous components	
Captan	500 g/kg
Condensed alkyl naphthalene sulphonate	<20 g/kg

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. **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 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.

RESISTANCE WARNING

CAPTAB 500 WP is a group code M4 fungicide. Any fungus population may contain individuals naturally resistant to **CAPTAB 500 WP** and other group code M4 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **CAPTAB 500 WP** 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 products from different fungicide group codes,
- for tank mixing or alternation with products, refer to applicable, individual product labels,
- pesticide use should be based on an integrated pest management program that includes scouting, historical information related to pesticide use, crop rotation, consideration of host-plant resistance, impact of environmental conditions on pest development, pest thresholds, as well as cultural, biological and other chemical control practices.
- where possible, make use of predictive disease models to effectively time fungicide applications

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

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.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

- **CAPTAB WP** is compatible with and may be sprayed together with most commonly used insecticides, fungicides and trace elements.
- Not compatible with alkaline materials such as Lime sulphur.
- It is however recommended to perform physical compatibility and crop safety tests on a limited scale, before a tank mixture is sprayed.

Mixing instructions:

- Make sure the spraying equipment is clean, before use.
- Half fill the spray tank and start the agitator.
- Mix the required quantity of **CAPTAB WP** with a little water into a thin paste and add to the water in the spray tank, while stirring.
- Stir continuously, to ensure a homogenous mix and add the rest of the required volume of water.
- Keep agitating whilst applying.

Application instructions:

- Unless otherwise stated, spray **CAPTAB WP** at 7 to 10-day intervals and after rain.
- Apply to the point before runoff.

APPLICATION RATES

Crop / Disease	Dosage rate	Remarks
Apples and Pears Post harvest decay	200 g / 100 ℓ water	Apply as a wash to walls and floors to aid disinfection. Only for use on empty premises.
Scab (<i>Venturia inaequalis</i>)	200 g / 100 ℓ water	Do not use in combination with Sulphur or after a Lime sulphur application, especially on White Winter Pearmain. Pre-blossom: Apply the first application at green tip stage and repeat at 7 day intervals. Post-blossom: Continue with sprays. Apply 3 to 4 sprays according to the weather conditions, at 10 to 14 day intervals.
NOTE CAPTAB WP may cause Leaf spotting of Pearmain, Delicious, Cox and other sensitive apple varieties.		

Crop / Disease	Dosage rate	Remarks
<u>Apricots and Peaches</u> Freckle (<i>Venturia carpophila</i>)	200 g / 100 ℓ water	Winter rainfall region: Apply the first application at 75 to 100 % petal drop. Thereafter repeat the application 14 days later. During wet seasons, repeat the application monthly on late cultivars. Summer rainfall region: Apply the first application 3 weeks after petal drop and apply the second application 14 days later. During wet seasons repeat the application monthly on late cultivars.
<u>Apricots and Plums</u> Gum spot (<i>Stigmina capopphila</i>)	200 g / 100 ℓ water	Spray the first application at 95 to 100 % petal drop and repeat 14 days later. Green rot on apricots will also be controlled.
<u>Peaches and Plums</u> Bacterial spot (<i>Xanthomonas arboricola</i>)	200 g / 100 ℓ water	The level of infection of the previous season will determine if one or two applications at 50 % and/or 75 % leaf drop would be required. If twig and bud infections are observed before bud movement, apply an additional spray at bud movement. Persist with post blossom applications, at 10 to 14 day intervals, up to 3 weeks before picking.
<u>Berries</u> (including Boysenberries, Youngberries, Blackberries, Cranberries and Raspberries) Downy mildew (<i>Peronospora sparsa</i>)	100 g / 100 ℓ water	Apply 4 sprays at 10 to 14 day intervals. Start with the first application 14 days after green-tip stage.
<u>Blueberries and Currants</u> Botrytis rot (<i>Botrytis cinerea</i>)	200 g / 100 ℓ water	Apply preventatively as part of an integrated disease management programme. Programme applications should commence prior to flowering; between bud-swell and early flower development (T5). Repeat applications at 7 to 10-day intervals until 10 days before harvest. Alternate with registered fungicides with a different mode of action. When conditions are favourable for disease development, shorten spray intervals to 7 days. Apply full cover applications to the point before run-off.

Crop / Disease	Dosage rate	Remarks
Celery Leaf spot (<i>Septoria apii</i> / <i>Cercospora apii</i>)	200 g / 100 ℓ water	Apply as a full cover spray. When the infection is severe, repeat the application after 10 days.
Guavas Blossom-end rot (<i>Botrytis cinerea</i>)	200 g / 100 ℓ water	Apply when very wet weather conditions are experienced, for protection against Blossom-end rot. Apply as a full cover spray 14 days before harvest.
Lawns Dollar spot, Fairy ring, Crown & Root rot diseases (<i>Sclerotinia homoeocarpa</i> , <i>Marasmius oreades</i>)	300 g / 100 ℓ water	Apply at the first signs of diseases. Apply 200 litres spray mixture per 100 m ² .
Olives Leaf spot (<i>Venturia oleaginea</i>)	200 g / 100 ℓ water	Apply 2 applications. Apply the first spray in spring, before the new flush appears and the second spray in autumn, before the start of winter.
Potatoes Late blight (<i>Phytophthora infestans</i>)	200 to 300 g / 100 ℓ water (2 to 3 kg / ha)	Start spraying before the disease is due to appear or when symptoms of the disease appear. Apply every 7 to 10 days if weather conditions are favourable for disease development. Use the higher dosage rate for big plants and/or when the infection is severe. The dosage rate depends on the severity of the infection. Apply 500 to 1500 litres spray mixture per hectare, depending on the plant size and density. For Low Volume application, adjust the spray tank concentration, to apply not more than 3 kg per hectare. Ensure thorough coverage of the upper and lower leaf surfaces. Repeat the application after more than 13 mm of rain or overhead irrigation.
Quinces Black spot (<i>Fabraea maculate</i>)	200 g / 100 ℓ water	Commence the applications at green point stage and repeat every 6 to 10 days. Lengthen the spray interval between applications from 10 to 14 days at 75 % petal drop stage.
Roses Black spot (<i>Diplocarpon rosae</i>)	200 g / 100 ℓ water	Apply as a full cover spray. Commence the applications when the first symptoms of the disease are noticed. Repeat the applications at weekly intervals. Do not spray when dry weather conditions are experienced.
Strawberries <i>Botrytis</i> rot (<i>Botrytis cinerea</i>)	100 g / 100 ℓ water	Commence the applications at 5 % flowering stage, when the disease is noticed. Repeat the applications every 7 to 10 days.
Leaf spot (<i>Mycosphaerella fragariae</i>)	100 g / 100 ℓ water	Apply every 10 to 14 days, depending on the severity of the disease.

Crop / Disease	Dosage rate	Remarks
<u>Table Grapes</u> Anthracnose (<i>Elsinoë ampelina</i>)	200 g / 100 ℓ water (0.5 to 1 kg / ha)	Do not apply after berries have reached pea-size (4 to 6 weeks prior to harvest), as this may cause tarnishing. Apply 250 to 500 litres spray mixture per hectare. Summer rainfall region: If rains commence September, apply the first application shortly before flowers open. Alternatively apply to young re-growth and bunches every 14 days, after flowering, until berries start swelling and become translucent. Winter rainfall region: Apply the first application when shoots are 1 to 2 cm long and repeat when shoots are 10 cm long. Thereafter apply a third and fourth application at 2 to 3 week intervals.
<u>Tomatoes</u> Late blight (<i>Phytophthora infestans</i>) and Septoria leaf spot (<i>Septoria lycopersici</i>)	200 g / 100 ℓ water (2 to 3 kg / ha)	Seedbeds: Spray twice a week. Lands: Start the application shortly after transplant, when plants are about 15 cm high and before the disease is due to appear. Apply 500 to 2000 litres spray mixture per hectare, depending on the plant size and density. Apply every 7 to 10 days if the weather conditions are favourable for disease development. Use the higher dosage rate for big plants and/or when the infection is severe. The dosage rate depends on the severity of the infection. For Low Volume application, adjust the spray tank concentration to apply not more than 3 kg per hectare. Ensure thorough coverage of the upper and lower leaf surfaces. Repeat the application after more than 13 mm rain or overhead irrigation.
<u>Tobacco</u> Seedbed diseases (Anthracnose, Black root rot, Black shank & Damping off)	200 g / 100 ℓ water	Apply 15 litres mixture per 10 m ² as a drench treatment, 3 weeks after germination. Thereafter repeat the treatment every 7 to 14 days. After treatment apply 40 litres water to the treated area, to wash the product into the soil.
<u>Soils and Potting mixtures</u> Damping off, Seed decay & Root rot	400 g / 100 ℓ water	Apply 20 litres spray mixture per 10 m ² to the seedbed, prior to sowing. Thoroughly incorporate the spray mixture with the top 5 to 10 cm of the soil layer. Alternatively spray 5 litres spray mixture per 10 m ² directly onto the soil, after sowing.