

# THOR 500 WP



FUNGICIDE

Reg. No. L7691 Act No. 36 of 1947

**READ LABEL BEFORE USE**  
**KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

**FRAC FUNGICIDE GROUP CODE M4**

THOR 500 WP is a wettable powder fungicide for the control of plant diseases on crops as indicated.



**DANGER**

Captab (dicarboximide) 500 g/kg

**HAZARD STATEMENTS:**

Causes mild skin irritation.  
May cause an allergic skin reaction.  
Causes serious eye damage.  
Harmful if inhaled.  
Suspected of causing cancer.  
Very toxic to aquatic life.

**PRECAUTIONARY STATEMENTS:**

Read carefully and follow all instructions.  
IF ON SKIN: Wash with plenty of water.

**Rolfes**   
**Agri**

Registered, Manufactured & Distributed by: Rolfes Agri (Pty) Ltd.  
(Reg. No. 1998/013411/07) • 288 Mundt Street, Walitloo, 0184  
Gauteng, RSA. • Tel: (012) 803-0145

UN No.: 3077

**Emergency contact details**  
Office Hour Poisoning Helpline  
Rolfes Agri (Pty) Ltd.  
Tel: +27 (12) 803 0145

**Spill Response and Transport incidents**  
Spill Tech, Oil and chemical pollution control  
Tel: +27 (86) 100 0366 / +27 (83) 253 6618  
[www.spilltech.co.za](http://www.spilltech.co.za)

Store at room temperature • Keep out of direct sunlight  
Keep container closed when not in use



LIFT HERE

**WARNINGS:**

Withholding periods: Minimum number of days between last application and harvest.

• Celery	3 days
• Tomatoes	7 days
• Strawberries	10 days
• Apples, pears, peaches, apricots, plums, olives, guavas, quinces, young- and boysenberries	14 days
• Table grapes	4 – 6 weeks

Mild irritant to eyes, skin and mucous membrane.

Harmful to fish and aquatic invertebrates.

**RE-ENTRY INTERVAL:** 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 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:**

- If medical advice is needed, have product container or label at hand.
- Keep out of reach of children.
- Read carefully and follow all instructions.
- Obtain, read, and follow all safety instructions before use.
- Avoid breathing dust/fumes/gas/mist/vapours/spray.
- Wash hands and affected area 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 to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- IF ON SKIN: Wash with plenty of water.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- 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.
- Specific treatment (see first aid treatment on this label).
- If skin irritation occurs: Get medical help.
- If skin irritation or a rash occurs: Get medical help.
- Take off contaminated clothing and wash it before reuse.
- Collect spillage.
- Store locked up.
- Empty all pesticides from the container by placing it upside down over the spray tank and holding it there for at least 30 seconds. Puncture the rinsed container to render it useless and send to a recycler.

**RELEVANT HAZARDOUS SUBSTANCES;**

Captan Tech 30 to 60% and Alkyl aryl sulphonate <10%.

**FIRST AID TREATMENT:**

- **General Advice:** The symptoms resulting from direct exposure to the product could appear a while after exposure. If there is persistent discomfort, seek medical attention.
- **Eye contact:** Flush eyes immediately with flowing cold water for at least 15 -20 minutes, until no evidence of chemical remains. If irritation persists, get medical help.
- **Skin contact:** Remove all contaminated clothing and shoes immediately. Gently wipe off residual chemical and wash skin thoroughly with water and non-abrasive soap. If irritation or rash persists, get medical help.
- **Inhalation:** Remove the affected victim from exposure to an area with fresh air. If breathing has stopped, administer artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If irritation persists, get medical help.
- **Ingestion:** If exposed or concerned, seek medical attention for treatment advice. If the person is alert, rinse mouth thoroughly with large amounts of water.

**DIRECTIONS FOR USE: USE ONLY AS INDICATED.**

Apply to the point of run-off. Spray with 7 -10 day intervals and after rain, unless otherwise stated.

**COMPATIBILITY:**

- Compatibility with most commonly used pesticides is unknown.
- Do **NOT** use in combination with oil sprays, TEPP, emulsifiable concentrate formulations of parathion and alkaline materials, such as lime sulphur and Bordeaux mixture.

CROP / DISEASE	DOSAGE / 100 ℓ WATER	DOSAGE / HECTARE	REMARKS
<b>Apples and Pears</b> Post harvest decay	200 g	–	Use only on empty premises. Wash walls and floors to aid disinfection.
Scab	200 g	HV 3,0 – 7,0 kg LV 2,4 – 5,6 kg	Apply with 7 – 14 day intervals. Do not use in combination with wettable sulphur or soon after a lime sulphur application, especially on White Winter Pearmain. Can cause leaf spotting on Red Delicious.
<b>Apricots and Plums</b> Gum spot	200 g	HV 2,4 – 5,0 kg LV 1,9 – 4,0 kg	Apply at 95 – 100 % petal drop and repeat 14 days later. Will also control green rot on apricots.
<b>Boysen- and Youngberries</b> Downy mildew	100 g	–	Apply first spray ± 14 days after green-tip stage. Repeat 4 times at 10 – 14 day intervals.
<b>Guavas</b> Blossom-end rot	200 g	–	Apply as a full cover application just before harvesting to protect guavas against blossom-end rot under very wet weather conditions.
<b>Olives</b> Leaf spot	200 g	–	Apply in spring before the new flush appears and repeat in autumn before the start of winter.

CROP / DISEASE	DOSAGE / 100 € WATER	DOSAGE / HECTARE	REMARKS
<b>Peaches and Plums</b> Bacterial spot	200 g	HV 3,0 – 5,0 kg	Apply 1 or 2 applications at 50 and/or 75 % leaf drop, depending on the severity of infection the previous season. Apply an additional spray at bud movement, if twig and bud infections are observed before bud movement. Apply post-blossoming applications at 10 – 14 day intervals until 3 weeks before harvest.
<b>Peaches and Apricots</b> Freckle	200 g	HV 3,0 – 5,0 kg LV 2,4 – 4,0 kg	<b>Winter rainfall region:</b> Apply at 75 – 100 % petal drop and repeat 14 days later. In wet seasons repeat sprays every month on late cultivars. <b>Summer rainfall region:</b> Apply first spray 3 weeks after petal drop and repeat 14 days later. In wet seasons repeat sprays every month on late cultivars.
<b>Quinces</b> Black spot	200 g	–	Apply at green point stage. Repeat every 6 – 10 days until 75 % petal drop. Thereafter lengthen the spray intervals to 10 – 14 days.
<b>Strawberries</b> Leaf spot Botrytis rot	100 g 100 g	– –	Apply every 10 – 14 days, depending on the severity of the disease. Start application at 5 % flowering stage and repeat with 7 day intervals.
<b>Table grapes</b> Anthracnose	200 g	0,5 – 1,0 kg	Do not apply after berries have reached pea-size (4 – 6 weeks prior to harvest) as this may cause tarnishing. Apply as a high volume application in 250 – 500 € spray mixture / ha. <b>Summer rainfall region:</b> If rain commences September, start application shortly before first flowers open. Otherwise apply after flowering until berries start swelling, with 14 day intervals. <b>Winter rainfall region:</b> Start application when shoots are 1 – 2 cm long and repeat when 10 cm long. Thereafter apply 2 – 3 times with 2 – 3 weeks intervals.
<b>Celery</b> Leaf spot	200 g	–	Apply as a full cover spray. Repeat application after 10 days if infection is severe.
<b>Potatoes</b> Late blight	200 - 400 g	2,0 – 3,0 kg	Start application before or just when first symptoms are noticed. Depending on weather conditions favouring the development of the disease, repeat application every 7 – 10 days. Apply at 500 – 1 500 € spray mixture per ha, depending on plant size. Dosage depends on severity of infection. Ensure that both the upper and lower leaf surfaces are treated. Repeat application after more than 13 mm rain or overhead irrigation. For low volume application, depending on output of applicator per ha to obtain full coverage, adjust spray tank concentration to apply <b>NOT</b> more than the quantity per ha as indicated.
<b>Tobacco</b> Seedbed disease (Anthracnose, Black root rot, Black shank and Damping off)	200 g	–	Apply 3 weeks after germination as a drench at a rate of 15 € / 10 m <sup>2</sup> . Repeat every 7 – 14 days. After application, wash the material into the soil with 40 € water.
<b>Tomatoes</b> Late blight and Septoria leaf spot	200 g	2,0 – 3,0 kg	Start application before symptoms appear, shortly after transplant when plants are ± 15 cm high. Depending on weather conditions favouring the disease, apply every 7 – 10 days. Apply 500 – 2 000 € spray mixture per ha, depending on plant size. Spray interval period depends on severity of infection. Ensure that both the upper and lower leaf surfaces are treated. Repeat application after more than 13 mm rain or overhead irrigation. For low volume application, depending on output of applicator per hectare to obtain full coverage, adjust spray tank concentration to apply <b>NOT</b> more than the quantity per hectare as indicated.
<b>Roses</b> Black spot	200 g	–	Start application when first symptoms are noticed and repeat with weekly intervals. Apply as a full cover application. Discontinue application when a dry period is experienced.
<b>Lawns</b> Dollar spot, Fairy ring, Crown and Root rot diseases	300 g	–	Apply at a rate of 200 € spray mixture/100 m <sup>2</sup> .
<b>General Soils and Potting Mixtures</b> Damping off, Seed decay and Root rot	400 g	–	Apply 20 € spray mixture / 10 m <sup>2</sup> soil, and thoroughly incorporate into the top 5 – 10 cm of the seed-bed prior to sowing. Alternatively spray onto soil after sowing at 5 € mixture per 10 m <sup>2</sup> .
<b>Citrus</b> Trunk and branch treatment Phytophthora trunk and branch canker ( <i>Phytophthora citrophthora</i> )	200 g + 100 m€ Didecylmethyl- ammonium chloride*	–	Apply after harvest directly to trunk and lower affected branches with hand guns or knapsack by using 1 – 2 € of spray mixture per tree. Do not spray onto fruit if present. Repeat treatment with 3 month intervals. Please note: The disease will not be controlled on trees of which the trunks are already 60% or more girdled by the pathogen.

\*Didecyldimethylammonium chloride 120 g / € SL, SPOREKILL (L7115)