

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Fungicide



DIMETHOZEB 690 WP

Reg. No. L 7985 Act/Wet No. 36 of/van 1947

7:26/2/2019-Feb2019

A wettable powder fungicide with preventive and local systemic properties, for the control of diseases on crops as listed.

'n Benatbare poeier swamdoder met voorkomende en lokaal-sistemiese eienskappe, vir die beheer van siektes op gewasse soos aangedui.

ACTIVE INGREDIENTS / AKTIEWE BESTANDDELE

dimethomorph (cinnamic acid derivative) **90 g/kg** dimetomorf (kinnamieksuur derivaat)
mancozeb (dithiocarbamate) **600 g/kg** mankoseb (ditiokarbamaat)

FRAC FUNGICIDE GROUP CODE **40** FRAC SWAMDODER GROEPKODE
FRAC FUNGICIDE GROUP CODE **M3** FRAC SWAMDODER GROEPKODE

kg

villa 

Registration holder / Registrasiehouer:
Universal Crop Protection (Pty) Ltd.
Co. Reg. No. / Mpy. Reg. Nr. 1983/008184/07
PO Box / Posbus 801, Kempton Park, 1620
Tel: 011 396 2233
Website / Webblad: www.villacrop.co.za

UN Number: 3077

Willow Set & Print 011 394-4486



CAUTION
VERSIGTIG



GEbruiksaanwysings ingesluit

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:
Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED
REFER TO DETAILS PRINTED
ON CONTAINER/BAG
Batch number:
Lootnommer:

DIRECTIONS FOR USE ENCLOSED

DIMETHOZEB 690 WP

Reg. Nr. L 7985 Act/Wet Nr. 36 of/van 1947

FRAC FUNGICIDE GROUP CODE / FRAC SWAMDODER GROEPKODE: 40

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 mancozeb (dithiocarbamate) / mankoseb (ditiokarbamaat)600 g/kg

Registration holder / Registrasiehouer:

UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07 Mpy. Reg. Nr.

P.O. Box / Posbus 801

KEMPTON PARK, 1620

Tel. (011) 396 2233

CAUTION / VERSIGTIG**WARNINGS****Withholding periods:**

Allow the following number of days between last application and harvest:	
Chives	14 days
Grapes	56 days
Potatoes	3 days
Onions	7 days
Tobacco	55 days

NOTE

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.

- Handle with care.
- Store in a cool, dry place, away from food and feeds.
- Keep out of reach of children, uninformed persons and animals.
- Very toxic to fish and aquatic organisms and may cause harmful, long-lasting effects.
- May be harmful when swallowed or inhaled.
- May cause skin sensitization.
- **Flammable** - do not allow **DIMETHOZEB 690 WP** to become damp and then warmed in storage, as flammable vapours can be generated.
- 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

- Avoid inhalation of spray mist, vapour or dust.
- Avoid contact with eyes, skin or clothing.
- Wear suitable gloves and face protection when handling the concentrate.
- Wash with soap and water after use and after accidental skin contact.
- Wash contaminated clothing after use.

- In case of eye contamination, rinse the eyes thoroughly with plenty of clean water, for at least 20 minutes, holding the eyelid(s) open. Obtain medical assistance immediately.
- Do not handle until all safety precautions have been read and understood. Suspected of damaging the unborn child. If exposed or concerned, get medical attention.
- Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face and change of clothing.
- Prevent drift onto other crops, grazing, rivers, dams or areas not under treatment or nearby water sources.
- Clean applicator after use. Dispose of the rinsate where it will not contaminate crops, grazing, rivers, dams and boreholes.
- Containers and packaging must be emptied completely before being destroyed. Shake out the container into the mixing tank and destroy the empty container by perforation and then bury it.
- **Never** re-use the empty container for any other purpose.
- **Do not** burn the empty container.
- Prevent contamination of food, feeds, drinking water and eating utensils.

RESISTANCE WARNING

DIMETHOZEB 690 WP is a mixture of group codes 40 and M3 fungicides. Any fungus population may contain individuals naturally resistant to **DIMETHOZEB 690 WP** and any other group code 40 and M3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. **DIMETHOZEB 690 WP** or any other group code 40 and M3 fungicides may not control these resistant fungi.

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 or 40, 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.

GENERAL INFORMATION

- **DIMETHOZEB 690 WP** contains **Dimethomorph** and **Mancozeb**. **Dimethomorph** exhibits translaminar action with local systemic movement, when applied onto foliage.
- **Dimethomorph** acts by means of disruption of the fungal cell-wall formation process. This mode of action implies that no cross-resistance with phenylamide-resistant strains has been observed or is expected. The anti-sporulant characteristic of **Dimethomorph** reduces the potential for re-infection. Even though some curative effect has been demonstrated, **DIMETHOZEB 690 WP** is best used and recommended as a prophylactic treatment in practice.

CROP INSTRUCTIONS

- **Grapes:**
Apply **DIMETHOZEB 690 WP** in a protective spray programme during the early season, when protection of the flowering and early fruit formation stages is critical, and plants are growing actively.
- **Potatoes:**
Apply **DIMETHOZEB 690 WP** every 7 to 14 days, as a preventive treatment. Apply **DIMETHOZEB 690 WP** early in the growing season, with at least two consecutive applications. Apply the first treatment 45 to 50 days after planting (at approximately crop 50 % emergence). The number of follow-up applications and the timing thereof, will depend on disease pressure, weather conditions and the crop's growth rate. In sandy soils where the crop is irrigated more frequently, reduce the spray interval to 7 days. Late blight susceptible varieties (e.g. Up-To-Date and others), should be treated with no more than 10-day intervals, even under dry weather conditions and with 7day intervals, under high disease pressures.
- **Onions:**
Apply **DIMETHOZEB 690 WP** as part of a program application preventively along with contact fungicides at 14-day intervals. If high disease pressure is observed and/or climatic conditions are conducive to disease development, reduce the spraying interval to 7-days. According to FRAC guidelines, applications of **DIMETHOZEB 690 WP** must not exceed 50 % of the total number of applications per season. Alternate with fungicides of other modes of action for extended disease control.

- **Tobacco:**
Apply **DIMETHOZEB 690 WP** as part of a preventative programme. Apply **DIMETHOZEB 690 WP** four weeks after transplant as a follow up application to **Chico 250 EC**. Only apply **DIMETHOZEB 690 WP** to flue cured tobacco. Do not apply on cultivars which are not tolerant to black shank.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

- **DIMETHOZEB 690 WP** is compatible with **Link**.
- The compatibility of **DIMETHOZEB 690 WP** with other products may be influenced by various factors. A physical compatibility test must always be performed prior to application of such a tank mixture.
- When **DIMETHOZEB 690 WP** is used in combination with any other agricultural remedy, all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label, must be adhered to.

Mixing instructions:

- Fill the spray tank up to three-quarters with clean water and ensure agitation.
- Measure the required quantity of **DIMETHOZEB 690 WP** and pre-mix with a minimum of 10 litres water, before adding to the spray tank.
- If any other product is to be mixed with **DIMETHOZEB 690 WP**, pre-mix the required amount of product in a similar way.
- Fill the spray tank with water to the required level. Maintain agitation, to ensure thorough mixing of the spray mixture, before commencement of spray operation.
- Maintain agitation during application.
- Prepared spray mixture must be sprayed immediately and not be left in the spray tank for any length of time, e.g. overnight.

Application instructions:

Calibrate the spraying equipment before application, to ensure that the correct dosage is applied. The sprayer must be in good working condition, to ensure that the spray solution is distributed evenly throughout the target area.

APPLICATION RATES

<i>Crop and Disease</i>	<i>Dosage rate</i>	<i>Remarks</i>
Grapes Downy mildew (<i>Plasmopara viticola</i>)	200 g / 100 ℓ water	Apply in a preventive spray programme as a high-volume application, using 500 to 1500 litres spray mixture per hectare, depending on growth stage of the crop. Ensure thorough coverage. Commence first treatment at 10 cm shoot length. Repeat treatments every 10 to 14 days up to and not later than, the beginning of January. Do not apply to table grapes after the pea-berry size. DIMETHOZEB 690 WP can be used in a preventive spray programme along with unrelated preventative fungicides.

Crop and Disease	Dosage rate	Remarks
<p>Potatoes Late blight (<i>Phytophthora infestans</i>)</p>	<p>2 kg / ha OR 40 g / 10 ℓ water</p>	<p>Ground application with boom and nozzle: Apply DIMETHOZEB 690 WP as a high-volume application and preventive treatment, when infection is expected or when an official Late blight warning has been issued. Apply weekly to fortnightly in 500 to 1500 litres spray mix per hectare (equivalent to 0.5 to 1.5 litres spray mixture per 10 m²), ensuring good coverage of the plants, especially leaves lower down, where the infection may start. Reduce the spray interval to 7 days, when conditions of rapid crop growth overlaps with environmental conditions, favourable to development of the disease. DIMETHOZEB 690 WP may be used in a preventive spray programme, along with unrelated contact action fungicides, especially under low disease pressure. Apply DIMETHOZEB 690 WP at least once in every 4-week period, even during low disease pressure. Also refer to “GENERAL INFORMATION” and “CROP INSTRUCTIONS” above. NOTE DIMETHOZEB 690 WP is not registered against Early Blight (<i>Alternaria solani</i>) and a suitable registered fungicide for the control of Early Blight should be used, when conditions favour the development of this disease.</p>
<p>Onions (including Chives) Downy mildew (<i>Peronospora destructor</i>)</p>	<p>2 kg / ha Plus Link 50 ml / 100 ℓ water OR 40 g / 10 ℓ water Plus Link 5 ml / 10 ℓ water</p>	<p>Refer to “Resistance Management, Directions for use and Crop recommendations” above. Apply DIMETHOZEB 690 WP preventatively as part of a program application along with contact fungicides at 14-day intervals. If high disease pressure is observed and/or climatic conditions are conducive to disease development, reduce the spraying interval to 7- days. Apply DIMETHOZEB 690 WP as a full cover spray with sufficient water volumes, to ensure adequate coverage of the entire crop. Applications with DIMETHOZEB 690 WP must NOT exceed 50 % of the total number of applications per season.</p>
<p>Tobacco Black shank (<i>Phytophthora nicotianae</i>)</p>	<p>2 kg / 15000 plants</p>	<p>Apply DIMETHOZEB 690 WP as part of a programme with Chico 250 EC. Apply 1.2 litres Chico 250 EC per 15 000 plants into the planting hole at transplant. Consult the Chico 250 EC label for further information. Apply DIMETHOZEB 690 WP as a follow up application, four (4) weeks after transplant. Prepare a mixture of 130 g per 100 litres water. Apply 100 ml of the mixture to the soil around the base of the plant stem. Ensure the mixture is applied in close vicinity to the stem and is evenly distributed.</p>

Consult the **Link** and/or **Chico 250 EC** labels for **USE RESTRICTIONS, WARNINGS (including RESISTANCE WARNINGS), PRECAUTIONS** and **DIRECTIONS FOR USE**.

The following products mentioned in this label can be replaced with the following equivalent products:

- **LINK** (L 8675) = **DIRECT** (L 8680) = **SOLWET** (L 8679).
- **CHICO 250 EC** (L 9337) = **CERATO 250 EC** (L 9336) (**Pyraclostrobin**).

CHICO 250 EC is a registered product of / is 'n geregistreerde produk van
UNIVERSAL CROP PROTECTION (PTY) LTD.

LINK, DIRECT and/en **CERATO 250 EC** are registered products of / is geregistreerde produkte van
VILLA CROP PROTECTION (PTY) LTD.

SOLWET is a registered product of / is 'n geregistreerde produk van
SPECTRUM RESEARCH SERVICES.