

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Fungicide



MANAGE 100 EW

Reg. No. L 9335 Act/Wet No. 36 of/van 1947

1:16/8/2013 – June 2017

An organic systemic fungicide, emulsion oil in water formulation, for the control of plant diseases in crops as indicated.

n Organiese sistemiese swamdoder, emulsie olie in water formulاسie, vir die beheer van plantsiekte in gewasse soos aangedui.

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

flusilazole (silicone triazole) 100 g/l flusilasool (silikoon triasool)

FRAC FUNGICIDE GROUP CODE 3 FRAC SWAMDODER GROEPKODE

5 l

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: 3082

Willow Set & Print 011 394-4486



HARMFUL
SKADELIK



GEBRUIKSAANWYSLINGS INGESLUIT

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:
Formuleringsdatum:

REFER TO DETAILS PRINTED
ON CONTAINER/BAG

DIRECTIONS FOR USE ENCLOSED

Batch number:
Lotnommer:

MANAGE 100 EW

Reg. No. L 9335 Act/Wet No. 36 of/van 1947

FRAC FUNGICIDE GROUP CODE / FRAC SWAMDODER GROEPKODE: 3

ACTIVE INGREDIENT/ AKTIEWE BESTANDDEEL:

flusilazole (silicone triazole) / flusilasool (silikoon triasool).....100 g/ l

Registration holder / Registrasiehouer:

UNIVERSAL CROP PROTECTION (PTY) LTD.

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

PO Box / Posbus 801,

KEMPTON PARK, 1620, Tel. (011) 396 2233

CAUTION / VERSIGTIG**WARNINGS****Withholding period:**

Minimum time between the last application and harvest:	
Apples and Pears	14 days

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.
- Harmful if swallowed, inhaled or absorbed through the skin.
- May damage eyes and irritate nose, throat and skin.
- In case of eye contact rinse eye(s) immediately with plenty of water and seek medical advice.
- In case of skin contact was with plenty of soap and water.
- Harmful to fish and other wildlife.
- Store in a cool, dry place away from food, feeds, fertilizers and other agricultural remedies.
- Keep out of reach of children, animals and uninformed persons.
- In case of poisoning (call a doctor immediately and make this label available to him).
- 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

- Do not inhale product dust or spray mist.
- Avoid contact of skin, eyes and clothing with product or spray mist.
- Wear protective clothing when handling and during application of the concentrate or spray mixture.
- Do not enter treated areas until the sprayed solution has dried.
- Wash contaminated clothing after use.
- Wash with soap and water after use or accidental skin contact.
- Do not eat, drink or smoke whilst mixing, applying the product or before washing hands and face or change of clothing.
- Avoid drift of spray onto other crops, grazing, rivers, dams and areas not under treatment.
- Thoroughly clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.

- Invert the empty container over the spray or mixing tank to make sure the container is empty before destroying the container.
- **TRIPLE RINSE** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of a third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the empty container by perforation and flattening.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

SYMPTOMS OF HUMAN POISONING

Eye and skin irritation or damage.

FIRST AID TREATMENT

- **Skin contact:** If irritation occurs, remove contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. If irritation persists, obtain medical attention
- **Eye contact:** Immediately flush the contaminated eyes with gently flowing water for 20 minutes, holding the eyelid(s) open until no evidence of chemical remains. Obtain medical attention.
- **Inhalation:** Remove source of contamination or move victim to fresh air. Keep patient under observation and obtain medical attention if irritation persists.
- **Ingestion:** **DO NOT** induce vomiting due to solvent in formulation. Rinse mouth. Administer 1 to 2 glasses of water and if possible 30 to 50 g of activated charcoal. Call a physician or poison control center immediately.

NOTE TO PHYSICIAN

Antidotal treatment is not applicable. Consider gastric lavage avoiding aspiration. Do not give ephedrine or related drugs.

RESISTANCE WARNING

MANAGE 100 EW is a group code 3 fungicide. Any fungus population may contain individuals naturally resistant to **MANAGE 100 EW** and other group code 3 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly and exclusively in programs. These resistant fungi may not be controlled by **MANAGE 100 EW** or any other group code 3 fungicides.

To delay fungicide resistance:

- avoid exclusive repeated use of fungicides from the same fungicide group code. Alternate with products from different fungicide group codes,
- integrate other control methods (chemical, cultural, biological) into disease control programmes.

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

PRODUCT PROPERTIES

- **MANAGE 100 EW** is a systemic fungicide with curative and preventive properties.
- **MANAGE 100 EW** shows curative properties against apple Scab for up to 5 days (120 hours).
- **MANAGE 100 EW** is effective at very low rates against Scab and Powdery mildew of apples.
- The efficacy of **MANAGE 100 EW** is not affected by rain or irrigation within 3 hours of application due to its rapid absorption by plant tissue.

USE RESTRICTIONS

- **MANAGE 100 EW** is **always** recommended in a tank mix with **Cozeb 800 WP**.
- It is recommended that **MANAGE 100 EW** is applied in a programme with non-related fungicides in order to delay the development of resistance against systemic fungicides.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

- **MANAGE 100 EW** is compatible with other chemicals normally used in the same spray programme in apples and pears.
- When **MANAGE 100 EW** is used in conjunction with any other agricultural remedy than recommended in this label, adhere to all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label.

- A physical compatibility test must always be performed before such a tank mixture is sprayed. It is also recommended to do a small scale test application first before a large scale commercial treatment of such mixtures to confirm crop safety.

Mixing instructions:

- Half fill the spray tank with water and ensure that agitation takes place.
- Pre-mix the required quantity of **Cozeb 800 WP** in a small volume of water to produce a thin paste.
- Add the **Cozeb 800 WP** paste through a 50 mesh sieve to the water in the spray tank whilst agitating.
- Add the required amount of **MANAGE 100 EW** directly into the spray tank and fill with water whilst agitating.
- Ensure thorough agitation of the mixture in the tank during mixing and spraying.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

Application instructions:

MANAGE 100 EW can be applied with conventional high volume spray equipment. It is important that the sprayer be in good working order and correctly calibrated prior to application, to ensure that the correct delivery rate and even distribution of the spray mixture is obtained.

APPLICATION RATES

<i>Crop / Pest</i>	<i>Dosage rate</i>	<i>Remarks</i>
Apples and Pears Scab (<i>Venturia spp.</i>)	<u>High volume application:</u> 16 mℓ MANAGE 100 EW PLUS 75 g Cozeb 800 WP / 100 ℓ water Above-mentioned dosage rate / 100 litres water to be applied at following hectare volume rates: 240 to 400 mℓ / ha MANAGE 100 EW PLUS 1125 to 1875 g / ha Cozeb 800 WP 320 to 560 mℓ / ha MANAGE 100 EW	Greentip to Full flower: 7 to 10 day spray programme. Apply in 1500 to 2500 litres water per hectare.
	PLUS 1500 to 2625 g / ha Cozeb 800 WP	From 75 % petal drop: 10 to 14 day spray programme. Apply in 2000 to 3500 litres water per hectare.
	<u>Low volume application: (4 x concentrate):</u> Apply at following hectare volume rates: 200 to 320 mℓ / ha MANAGE 100 EW PLUS 900 to 1500 g / ha Cozeb 800 WP 260 to 440 mℓ / ha MANAGE 100 EW	Greentip to Full flower: 7 to 10 day spray programme. Apply in 375 to 625 litres water per hectare.
	PLUS 1200 to 2100 g / ha Cozeb 800 WP	From 75 % petal drop: 10 to 14 day spray programme. Apply in 500 to 875 litres water per hectare.

Crop / Pest	Dosage rate	Remarks
Apples Scab (<i>Venturia inaequalis</i>) Powdery mildew (<i>Podosphaera leucotricha</i>)	<u>High volume application:</u> 24 mℓ MANAGE 100 EW PLUS 75 g Cozeb 800 WP / 100 ℓ water Above-mentioned dosage rate / 100 litres water to be applied at following hectare rates: 360 to 600 mℓ / ha MANAGE 100 EW PLUS 1125 to 1875 g / ha Cozeb 800 WP	Greentip to Full flower: 7 to 10 day spray programme. Apply in 1500 to 2500 litres water per hectare.
	480 to 840 mℓ / ha MANAGE 100 EW PLUS 1500 to 2625 g / ha Cozeb 800 WP	From 75 % petal drop: 10 to 14 day spray programme. Apply in 2000 to 3500 litres water per hectare.
	<u>Low volume application: (4 x concentrate):</u> Apply at following hectare rates: 300 to 480 mℓ / ha MANAGE 100 EW PLUS 900 to 1500 g / ha Cozeb 800 WP	Greentip to Full flower: 7 to 10 day spray programme. Apply in 375 to 625 litres water per hectare.
	390 to 660 mℓ / ha MANAGE 100 EW PLUS 1200 to 2100 g / ha Cozeb 800 WP	From 75 % petal drop: 10 to 14 day spray programme. Apply in 500 to 875 litres water per hectare.

The following product mentioned in this label may be replaced with equivalent products:

- **COZEB 800 WP** (L 7098) = **VILLA UNIZEB 800 WP** (L 8056 / N-AR 1091) = **NEWZEB 800 WP** (L 8167) (**Mancozeb**).

COZEB 800 WP is a registered product of / is 'n geregistreerde produk van
UNIVERSAL CROP PROTECTION (PTY) LTD.

VILLA UNIZEB 800 WP is a registered product of / is 'n geregistreerde produk van
VILLA CROP PROTECTION (PTY) LTD.

NEWZEB 800 WP is a registered product of / is 'n geregistreerde produk van
CROP ASURE (PTY) LTD.