

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

SHAKE THE BOTTLE WELL BEFORE USE.

Fungicide



CENTRAL 500 SC

Reg. No. L 10289 Act/Wet No. 36 of/van 1947

1: 27/5/2017 – Jun 2017

A suspension concentrate preventive fungicide for the control of diseases on crops as listed.

'n Suspensie konsentraat beskermende swamdoder vir die beheer van siektes op gewasse soos aangedui.

ACTIVE INGREDIENTS / AKTIEWE BESTANDELE

cymoxanil (cyanoacetamide-oxime) **350 g/t** simoksanil (sianoasetamied oksiem)
azoxystrobin (strobilurine) **150 g/t** asoksistrobien (strobilurien)

FRAC FUNGICIDE GROUP CODE **11** FRAC SWAMDODER GROEPKODE

FRAC FUNGICIDE GROUP CODE **27** FRAC SWAMDODER GROEPKODE



villa

Registration holder / Registrasiehouer:

Villa Crop Protection (Pty) Ltd.

Co. Reg. No. / Mpy. Reg. Nr. 1992/002474/07

PO Box / Posbus 10413, Aston Manor, 1630

Tel: 011 396 2233

Website / Webblad: www.villacrop.co.za

UN Number: 3082



Willow Set & Print 011 394-4486



HARMFUL
SKADELIK



GEBRUIKSAANWYSYNGS INGESLUIT

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:
Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED

REFER TO DETAILS PRINTED
ON CONTAINER/BAG

Batch number:
Lotnommer:

CENTRAL 500 SC

Reg. No. L 10289 Act/Wet No. 36 of/van 1947

FRAC FUNGICIDE GROUP CODE / FRAC SWAMDODER GROEPKODE: 27 & 11

ACTIVE INGREDIENTS / AKTIEWE BESTANDEDELE:

cymoxanil (cyanoacetamide-oxime) / simoksaniil (sianoasetemied oksiem) 350 g/l
 azoxystrobin (strobilurin) / asoksistrobien (strobilurien) 150 g/l

Registration holder / Registrasiehouer:

VILLA CROP PROTECTION (PTY) LTD

Co. Reg. No. 1992/002474/07 Mpy. Reg. Nr.

P.O. Box / Posbus 10413, ASTON MANOR, 1630, Tel. (011) 396 2233

**HARMFUL / SKADELIK****WARNINGS****Withholding periods:**

Allow the following number of days between last application and harvest:	
Potatoes	7 days
Tomatoes	7 days

NOTE

ABOVE-MENTIONED WITHHOLDING PERIODS REFER TO COMPLIANCE WITH LOCAL MAXIMUM RESIDUE LIMITS (MRL'S). HOWEVER, IT IS IMPORTANT TO NOTE THAT IMPORT TOLERANCES OF OTHER COUNTRIES MIGHT POSSIBLY BE EXCEEDED. IF THE TREATED CROP WILL BE EXPORTED, FIRST CONSULT THE RELEVANT IMPORTER OR EXPORTING BODY REGARDING THE USE OF THIS PRODUCT, MRL'S AND RECOMMENDED WITHHOLDING PERIODS.

- Handle with care.
- Harmful if swallowed.
- May be harmful if inhaled or in contact with skin.
- Very toxic to aquatic life with long lasting effects.
- Store in a cool, dry, well-ventilated place in the original container, tightly closed and secured.
- Store away from food, feeds, seed, fertilizers and other agricultural remedies.
- **CENTRAL 500 SC** may not be used on hydroponical or container grown crops.
- 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 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

- Avoid inhalation of the spray mist.
- Avoid contact of product with skin and eyes.
- Wear a face shield, rubber gloves and boots when handling the concentrate and during mixing.
- Wash contaminated clothes after use.
- Wash with soap and water after use and after accidental skin contact.
- In case of eye contamination, immediately flush eyes with clean water for at least 15-20 minutes. Lift eyelid (s) to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. If irritation persists, obtain medical assistance.

- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face or change of clothing.
- Do not handle until all safety precautions have been read and understood. Product may cause cancer and is suspected of damaging fertility and the unborn child.
- Prevent drift onto other crops, grazing, rivers, dams or areas not under treatment or to nearby water sources.
- Do not use close to fishponds, fish tanks or aquaria.
- Avoid release into the environment.
- Thoroughly clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- **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 third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- **Never** re-use the empty container for any other purpose.
- **Do not burn the empty container.** Destroy the container by perforation and flattening.
- Prevent contamination of food, feeds, drinking water and eating utensils.

SYMPTOMS OF HUMAN POISONING

No specific symptoms associated with this product are known.

FIRST AID TREATMENT

- **Inhalation:** Remove person from contaminated area to fresh air and assist breathing as needed. If breathing has stopped, perform artificial respiration; if breathing is labored administer oxygen. Only qualified personnel should administer oxygen. Seek medical attention immediately.
- **Skin contact:** Remove contaminated clothing and shoes. 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 eyes with clean water for at least 15-20 minutes. Lift eyelid (s) to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. **Seek medical attention immediately.**
- **Ingestion:** **Seek medical attention immediately.** Do NOT induce vomiting unless instructed to do so by a poison control centre or doctor. If the person is alert, rinse mouth thoroughly with water. Do not give anything by mouth to an unconscious person.

NOTE TO PHYSICIAN

There is no specific antidote available. Treat symptomatically and give supportive treatment.

RESISTANCE WARNING

CENTRAL 500 SC is a mixture of **Cymoxanil** and **Azoxystrobin** which are group code 27 and 11 fungicides respectively. Any fungus population may contain individuals naturally resistant to **CENTRAL 500 SC** and other group code 27 and 11 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **CENTRAL 500 SC** or any other group code 27 and 11 fungicides.

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,
- integrate with other control methods (chemical, cultural, biological) into disease control programmes.

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

USE RESTRICTIONS

- Do not use on hydroponical or container-grown crops.
- **CENTRAL 500 SC** must not be applied when crops are under severe drought and/or fertility stress conditions. The uptake and activity of systemic compounds may be reduced under these conditions.
- If rain occurs within two (2) hours after treatment, the product performance may be affected and the application must be repeated.
- Consult a representative or the distributor in the event of any uncertainty.

DIRECTIONS FOR USE: Use only as directed

General:

- **CENTRAL 500 SC** is most effective when applied in a preventative programme.
- Apply in sufficient water per hectare, to give a thorough coverage of the treated crops.

Compatibility:

- The compatibility of **CENTRAL 500 SC** with other products may be influenced by several factors. These factors may vary and a physical compatibility test must therefore always be performed, before such tank mixture is sprayed.
- When **CENTRAL 500 SC** is used in tank mixtures with any other agricultural remedy, all **WARNINGS**, **PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label, must be adhered to.

Mixing instructions:

- **Shake container thoroughly before use.**
- Half fill the spray tank with clean water.
- Pre-mix the required amount of **CENTRAL 500 SC** with a small volume of water and ensure complete dispersion of the product in the water.
- Add the pre-mix to the spray tank, ensuring continuous agitation, while topping up the tank with water to the required level.
- Maintain agitation during application.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

General crop recommendation:

- Use **CENTRAL 500 SC** in a preventive spray programme alternating with registered fungicides from unrelated mode of action groups (thus not Groups 27 or 11).
- Commence with the first treatment of the spray program before the disease is observed. On potatoes, it is advisable to start the spray program not later than one week after the potato plants have emerged.
- Good coverage of the crop during applications is essential.

APPLICATION INSTRUCTIONS

- Apply in at least 400 litres water per hectare with a correctly calibrated sprayer that is in good working condition, to ensure that the correct dosage is evenly distributed over the target area.
- Ensure complete coverage of plants. Plants with higher leaf surface area index will require higher spray volumes to obtain complete coverage.
- Apply with nozzles that produce a fine to medium droplet spectrum.

APPLICATION RATES

Crop / Disease	Dosage Rate	Remarks
Potatoes Late blight (<i>Phytophthora infestans</i>)	0.5 l / ha	<p>Refer to “Resistance Management, Directions for Use and Crop recommendations” above.</p> <p>Apply preventively as part of a 7 day spray programme.</p> <p>Start with a weekly program application one week after the potatoes have emerged. Use alternative effective fungicides as registered on potatoes up to week 5 after emergence in a 7 day spray interval. Apply CENTRAL 500 SC at 14 day intervals during week 6, 8 and 10 alternated with either Mancozeb or Chlorothalonil containing fungicides, during week 7, 9 and 11. Revert back to alternative effective fungicides in a 7 day spray program until such time when disease control is not required anymore.</p> <p>DO NOT APPLY MORE THAN THREE (3) CENTRAL 500 SC APPLICATIONS PER GROWING SEASON.</p> <p><u>Ground application:</u> At least 400 litres water per hectare is recommended. Ensure thorough coverage of treated plants.</p>

Crop / Disease	Dosage Rate	Remarks
Tomatoes Late blight <i>(Phytophthora infestans)</i>	500 ml / ha If the water volume exceeds 500 l / ha, apply at 100 ml / 100 l of water	Refer to “Resistance Management, Directions for Use and Crop recommendations” above. Apply CENTRAL 500 SC preventively as part of a 7 to 10 day spray programme. DO NOT APPLY MORE THAN THREE (3) TREATMENTS PER SEASON. All other applications must be done with different fungicides from unrelated chemical groups. <u>Ground application:</u> At least 400 litres water per hectare is recommended. Ensure thorough coverage of treated plants.

Consult all products labels mentioned in this label for **WARNINGS, PRECAUTIONS, USE RESTRICTIONS** and **DIRECTIONS FOR USE**.

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

- **VILLA UNIZEB 800 WP** (L 8056 / N-AR 1091) = **COZEB 800 WP** (L 7098) = **NEWZEB 800 WP** (L 8167) (**Mancozeb**),
- **VILLA UNIZEB 750 WDG** (L 8812) = **NEWZEB 750 WDG** (L 8811) = **COZEB 750 WDG** (L 8964) (**Mancozeb**),
- **MULTIZEB 455 SC** (L 9174) = **NEWZEB 455 SC** (L 9175) (**Mancozeb**),
- **UNIZEB 480 SC** (L 9179) = **NEWZEB 480 SC** (L 9178) (**Mancozeb**),
- **MISSION 720 SC** (L 8432 / N-AR 1298) = **ORONIL 720 SC** (L 8431) (**Chlorothalonil**) and
- **MISSION 500 SC** (L 7020) = **CHLORONIL 500 SC** (L 7394), (**Chlorothalonil**).

VILLA UNIZEB 800 WP, VILLA UNIZEB 750 WDG, MULTIZEB 455 SC, UNIZEB 480 SC, MISSION 500 SC and/en **MISSION 720 SC** are registered products of / is geregistreerde produkte van
VILLA CROP PROTECTION (PTY) LTD.

COZEB 800 WP, NEWZEB 750 WDG, NEWZEB 455 SC, NEWZEB 480 SC, ORONIL 500 SC and/en **ORONIL 720 SC** are registered products of / is geregistreerde produkte van
UNIVERSAL CROP PROTECTION (PTY) LTD.

NEWZEB 800 WP and/en **COZEB 750 WDG** are registered products of / is geregistreerde produkte van
CROPASURE (PTY) LTD.