

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Fungicide



CHOIR 500 WDG

Reg. No. L 8957 Act/Wet No. 36 of/van 1947

2: 29/6/2020-Aug2020

A water dispersible granular systemic fungicide for the control of certain fungal diseases on crops as listed.

'n Water disperseerbare korrel sistemiese swamdoder vir die beheer van sekere swamsiektes op gewasse soos gelys.

ACTIVE INGREDIENT / AKTIEWE BESTANDEDEEL

cyprodinil (anilinopyrimidine) **500 g/kg** siprodinil (anilopirimidine)

FRAC FUNGICIDE GROUP CODE **9** FRAC SWAMDODER GROEPKODE

kg

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: 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:

Lotnummer:

CHOIR 500 WDG

Reg. No. L 8957 Act/Wet No. 36 of/van 1947

FRAC FUNGICIDE GROUP CODE / FRAC SWAMDODER GROEPKODE: 9

ACTIVE INGREDIENT / AKTIEWE BESTANDEEL:

cyprodinil (anilinoimidazole) / siprodinil (anilopirimidien)..... 500 g/kg

Registration holder / Registrasiehouer:

VILLA 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 the last application and harvest of the following crops:	
Table grapes	28 days
Apples	74 days
Strawberries	3 days

NOTE

THE MAXIMUM RESIDUE (MRL'S) LEVELS WILL NOT BE EXCEEDED, PROVIDED APPLICATIONS ARE APPLIED AS HEREWITH PRESCRIBED. WHEN PRODUCTION IS DESTINED FOR THE EXPORT MARKET, THE EXPORT AGENCY OF CONCERN MUST BE CONTACTED, PRIOR TO THE USE OF CHOIR 500 WDG IN A SPRAY PROGRAMME.

- Handle with care.
- Harmful if inhaled.
- May be harmful if ingested or in contact with skin.
- May cause an allergic skin reaction.
- Very toxic to aquatic life with long lasting effects. Do not contaminate dams, rivers, lakes or any other water sources.
- Store the product in the original container and always keep the container tightly closed.
- Store in a cool, dry, well-ventilated place, away from food, seed and animal feeds.
- 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 dust and spray mist.
- Avoid the formation of dust clouds during use.
- Avoid prolonged contact of product with skin.
- Wear rubber gloves, a face shield and boots when handling the concentrate.
- Wash contaminated clothes daily.
- Wash thoroughly with soap and water after application and accidental skin contact.
- In case of eye contamination, rinse the eyes thoroughly with plenty of clean, cold water for at least 20 minutes, holding the eyelid(s) open. If irritation persists obtain medical aid immediately.
- Do not eat, drink or smoke whilst mixing or applying or before washing hands and face and change of clothing.
- Prevent spray drift onto other crops, grazing, rivers, dams or areas not under treatment.

- Clean the spraying equipment directly after use by rinsing with clean water and dispose of wash water where it will not contaminate crops, grazing, boreholes, rivers or dams.
- Containers and packages must be completely emptied before being disposed of. Shake out thoroughly into the mixing tank.
- Destroy empty container/bag by perforation and flattening and dispose of it in a safe way.
- **Never** re-use the empty container/bag for any other purpose.
- Prevent contamination of food, feed, drinking water and eating utensils.

RESISTANCE WARNING

CHOIR 500 WDG is a group code 9 fungicide. Any fungus population may contain individuals naturally resistant to **CHOIR 500 WDG** and other group code 9 fungicides. The resistant individuals may eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **CHOIR 500 WDG** or any other group code 9 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,
- for tank mixing or alternation with products in fungicide group codes X and Y, 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.

Mode of Action:

CHOIR 500 WDG contains cyprodinil which is an inhibitor of methionine and affects the secretion of fungal hydrolytic enzymes. This thereby affects penetration by the fungus and mycelial growth on the leaf surface in inside the plant. Cyprodinil is systemic and is transported acropetally in the xylem tissue of the plant.

DIRECTIONS FOR USE: Only use as directed.

General information:

- Grapes:
Apply as part of a complete *Botrytis* spray programme. Refer to “**APPLICATION RATES**” below for instruction detail.
Do not apply more than two (2) applications of **CHOIR 500 WDG** per vineyard per season.
- Apples:
Apply **CHOIR 500 WDG** as the first treatment in a preventative control programme. Start at green tip stage and apply at weekly intervals until completion of flowering. **Do not apply after flowering.**
- Strawberries:
Do not apply more than two (2) applications of **CHOIR 500 WDG** per area per season.

Compatibility:

- **CHOIR 500 WDG** is compatible with **Target 200 WDG**.
- The compatibility of **CHOIR 500 WDG** in a tank mixture with other products is influenced by the formulations of these products, as well as quality of the spray water. It is recommended that a physical compatibility test always be performed prior to application as the formulation of other products can be altered, and the quality of water can vary from area to area.
- **Do not** use **CHOIR 500 WDG** in a tank mixture application with **Mancozeb** for the curative control of Apple scab.

Mixing instructions:

- Half-fill the mixing tank with clean water.
- Premix the required quantity of **CHOIR 500 WDG** in at least 10 litres of water in another container.
- Add the **CHOIR 500 WDG** mixture into the mixing tank and fill the mixing tank up to the required volume of water.
- If another product is to be added to the mixing tank, premix the required amount of product with at least 10 litres of water, before adding to the mixing tank.
- Ensure continuous agitation during mixing and application.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

Application instructions:

CHOIR 500 WDG can be applied with correctly calibrated conventional mistblowers or air assisted ground sprayers that are in a good working order.

Grapes and apples:

It is recommended to use hollow cone nozzles, to obtain fine to medium droplets.

Application instructions for apple orchards (control of Scab / Powdery mildew):1. High volume application:

Determine the water volume according to the “*Tree-Row-Volume*” (TRV) formula.

Adjust the water volume as indicated below for application at other tree growth stages:

Tree growth stage	% Water to applied relative to high volume TRV calculation
Green tip to 30 % flowering	60
Full flowering to mid November	80
Beginning of December	100

2. Low volume application:

Where low volume spray equipment is used, the same dosage volume of **CHOIR 500 WDG**, as determined for a high-volume application, must be applied per hectare.

APPLICATION RATES

Crop / Disease	Dosage rate	Remarks
Grapes Table grapes (<i>Botrytis cinerea</i>)		Refer to “ DIRECTIONS FOR USE ” above. Ensure thorough distribution and even coverage throughout the total target area. DO NOT apply more than two (2) applications with CHOIR 500 WDG on a vineyard per season.
	30 g / 100 ℓ water OR 3 g / 10 ℓ	Apply CHOIR 500 WDG treatments as part of a spray programme in conjunction with Taurus 500 SC . Apply the products at the following stages / periods in the <i>Botrytis</i> control programme: 1. Full blossom - Taurus 500 SC . 2. Pea berry size- CHOIR 500 WDG . 3. Veraison (28 to 35 days before harvest) - CHOIR 500 WDG . 4. 3 to 7 days before harvest - Taurus 500 SC . Refer to the Taurus 500 SC label for “ Use Restrictions ”, “ Directions for Use ” and “ Application Instructions ”.
	30 g / 100 ℓ (3 g / 10 ℓ) PLUS Target 200 WDG 50 g / 100 ℓ (5 g / 10 ℓ)	A minimum of 300 g of CHOIR 500 WDG in combination with 500 g Target 200 WDG should be applied per hectare. Apply the tank mix as part of a preventative spray programme for <i>Botrytis</i> rot at any two of the following growth stages: full blossom, pea-berry or colouring (veraison). Alternate with registered fungicides with different modes of action. Apply as a full cover spray ensuring total coverage. Refer to the Target 200 WDG label for “ Use Restrictions ”, “ Directions for Use ” and “ Application Instructions ”.

Crop / Disease	Dosage rate	Remarks
Apples Scab (<i>Venturia inaequalis</i>) Powdery mildew (<i>Podosphaera leucotricha</i>)	30 g / 100 ℓ water OR 3 g / 10 ℓ	Refer to “ Application instructions ” above. <u>Preventative control:</u> Apply CHOIR 500 WDG as the first treatment in a preventative control programme. Start treatments at green tip stage; apply at weekly intervals until completion of flowering. Do not apply after flowering. After flowering, continue with preventative control programme with application of contact fungicides (e.g. Mancozeb). Apply a registered DMI fungicide following periods favouring infection while the contact fungicide programme is being applied. <u>Curative control:</u> Apply not later than 3 days after beginning of an infection period. A tank mixture of Scope 250 EC plus Mancozeb can be applied to obtain curative control of Apple scab (refer to “ Compatibility ” above). Effective curative control applications depend on the implementation of adequate and accurate disease prediction systems.
Strawberries Grey mould (<i>Botrytis cinerea</i>) Powdery mildew (<i>Sphaerotheca macularis</i>) Anthracnose (<i>Colletotrichum</i> spp.)	0.7 kg / ha (0.7 g / 10 m ²) PLUS Target 200 WDG 1.2 kg / ha (1.2 g / 10 m ²)	Commence applications just before or at the onset of flowering and repeat at 7 to 10-day intervals while conditions are conducive to disease development. Apply as a full cover spray ensuring total coverage of the plants. DO NOT apply more than two (2) sprays of CHOIR 500 WDG per land per season. Alternate with a registered fungicide with a different mode of action if further control is required. Refer to the Target 200 WDG label for “ Use Restrictions ”, “ Directions for Use ” and “ Application Instructions ”.

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

- **TAURUS 500 SC** (L 8499) = **IPIRODIONE 500 SC** (L 8459) = **IPIRO 500 SC** (L 8961) (**Iprodione**),
- **SCOPE 250 EC** (L 7942) = **D-ZOLE 250 EC** (L 7923) = **DIFEN 250 EC** (L 8535) (**Difenonconazole**)
and
- **TARGET 200 WDG** (L 10387) = **BALANCE 200 WDG** (L10393) (**Fludioxonil**).

IPIRODIONE 500 SC, D-ZOLE 250 EC and/en **BALANCE 200 WDG** are registered products of / is geregistreerde produkte van
Universal Crop Protection (Pty) Ltd.

TAURUS 500 SC, SCOPE 250 EC and/en **TARGET 200 WDG** are registered products of / is geregistreerde produkte van
Villa Crop Protection (Pty) Ltd.

IPIRO 500 SC and/en **DIFEN 250 EC** are registered products of / is geregistreerde produkte van
Crop Asure (Pty) Ltd.