

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

SHAKE THE BOTTLE WELL BEFORE USE.

Fungicide



FUNGAWAY® 250 SC

Reg. No. L 8590 Act/Wet No. 36 of/van 1947
N-AR 1225

4: 4/2/2016-Jan2017

A suspension concentrate, systemic fungicide with contact and translaminar action for the preventative control of diseases in crops as indicated.

'n Suspensie konsentraat, sistemiese swamdoder met kontak en translaminêre aksie vir die voorkomende beheer van siektes in gewasse soos aangedui.

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL

azoxystrobin (strobilurin) **250 g/l** asoksistrobien (strobilurien)

FRAC FUNGICIDE GROUP CODE **11** 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



**CAUTION
VERSIGTIG**



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:
Lothommer:

FUNGAWAY® 250 SC

Reg. No. L 8590 Act/Wet No. 36 of/van 1947

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ACTIVE INGREDIENT / AKTIEWE BESTANDEDEEL:

azoxystrobin (strobilurin) / asoksistrobien (strobilurien) 250 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

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

Minimum time between the last application and harvest or feeding:	
Citrus (excluding Lemons)	77 days
Citrus (Lemons)	21 days
Mangoes	21 days
Avocados	28 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 inhaled or swallowed.
- Irritant of eyes, nose, throat and skin.
- Toxic to fish and other aquatic life.
- Store away from food, feeds, seed, fertilizers and other agricultural chemicals.
- Store in a cool, dry, well-ventilated place in the original container, tightly closed and secured.
- 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.

Aerial application:

Notify all inhabitants in the immediate vicinity of the lands to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate water or adjacent areas.

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 and rubber gloves when handling the concentrate and during mixing.
- Wash with soap and water after use or accidental skin contact.
- In case of eye contact, immediately flush the eyes with clean, cold water for 15 minutes, holding the eyelid(s) open. If irritation persists, seek medical advice.
- Wash contaminated clothes daily after use.

- Do not eat, drink or smoke whilst applying or mixing, or before washing hands and face or change of clothing.
- Prevent spray drift onto other crops, grazing, rivers, dams or areas not under treatment.
- Clean the spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, 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 minimum of a third of the volume 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 and dispose of it in a safe way.
- **Never** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

RESISTANCE WARNING

FUNGAWAY® 250 SC is a group code 11 fungicide. Any fungus population may contain individuals naturally resistant to **FUNGAWAY® 250 SC** and other group code 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 **FUNGAWAY® 250 SC** or any other group code 11 fungicide.

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

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

Additional information with regard to Resistance Management Strategy:

- In order to prevent development of resistance to **FUNGAWAY® 250 SC** by pathogen populations, it is important that **FUNGAWAY® 250 SC** be alternated with registered fungicides from different chemical classes (i.e. not strobilurins, e.g. **Azoxystrobin**). This management strategy to prevent resistance should, however, not include fungicide products to which resistance has already developed in the past, or fungicides using the same mode of action.
- Always apply **FUNGAWAY® 250 SC** preventively as instructed in the recommendations table.
- Adhere to the dosage rates recommended on the label, do not reduce any dosage rate.
- Do not apply any other strobilurin, or related chemicals, in the same control programme with **FUNGAWAY® 250 SC**.

DIRECTIONS FOR USE: Only use as directed.

General information:

Azoxystrobin the active ingredient in **FUNGAWAY® 250 SC** belongs to the strobilurin group of fungicides. Apart from their fungicidal activity, research has shown that strobilurins can increase physiological effects, beneficial to the crop. During the development of **FUNGAWAY® 250 SC** locally, results have proven that the use of **FUNGAWAY® 250 SC**, can increase yields even in situations when low disease pressure is evident.

Compatibility:

- **FUNGAWAY 250 SC** is compatible with **Villa Unizeb 800 WP**, **Propizole 250 EC**, **Copper Oxychloride WP** and **Sulgran 800 WDG**.
- The compatibility of **FUNGAWAY® 250 SC** in tank mixtures with other products has not been confirmed and can be influenced by the formulations involved, as well as the water quality.
- A physical compatibility test of all products involved is recommended, before application, as formulations can be altered and water quality can vary from area to area.
- Always consult the labels of products to be tank mixed with **FUNGAWAY® 250 SC**.

Mixing instructions:

Shake the container well before use. Replace cap directly after use.

- Fill the spray tank to half of the desired volume with clean water and ensure continuous agitation.
- Add the required quantity of **FUNGAWAY® 250 SC** to the mixing tank, while agitation is continued.
- Observe the following formulation mixing sequence if other products will be tank mixed with **FUNGAWAY® 250 SC**: buffer/acidifier; wettable powder or granules, suspension concentrate, emulsifiable concentrate, wetters. Pre-mix each product separately with a small volume of water before

adding it to the spray tank. Thereafter fill the tank to the required volume with clean water while maintaining agitation, to ensure thorough mixing of the spray mixture, before application commences.

- Ensure continuous agitation during mixing and application.
- The spray mixture must be sprayed immediately after mixing. Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

Application:

- Calibration: It is important to ensure that all application equipment is in good working order and correctly calibrated to apply the required spray volumes and dosage rate. Ensure good coverage by using the spray volumes as indicated.
- Rain: Repeat the application if rain falls within 2 hours after application.

Aerial application:

Aerial application of **FUNGAWAY® 250 SC** may only be done by a registered aerial application operator using a correctly calibrated, registered aircraft according to the instructions of SANS Code 10118 (Aerial Application of Agricultural Pesticides). Ensure that the spray mixture is distributed evenly over the target area and that the loss of spray material during application is restricted to a minimum. It is therefore essential that the following criteria be met:

- Volume: A spray mixture volume of 30 to 40 litres per hectare is recommended. As this product has not been evaluated at a reduced volume rate, the registration holder cannot guarantee efficacy, or be held responsible for any adverse effects if this product is applied aurally at a lower volume rate than recommended above.
- Droplet coverage: 30 to 40 droplets per cm² must be recovered at the target area.
- Droplet size: A droplet spectrum with a VMD of 280 to 300 micron is recommended. Limit the production of fine droplets less than 150 micron (high drift and evaporation potential) to a minimum.
- Flying height: Maintain the height of the spray boom at 3 to 4 metres above the target. Do not spray when the aircraft is diving, climbing or when banking.
- Use suitable atomizing equipment that will produce the desired droplet size and coverage, but which will ensure the minimum loss of product. The spraying system must produce a droplet spectrum with the lowest possible Relative Span.
- Position all the atomizers within the inner 60 to 75 % of the wingspan to prevent droplets from entering the wingtip vortices.
- The difference in temperature between the wet and dry bulb thermometers, of a whirling hygrometer, should not exceed 8°C.
- Stop spraying if the wind speed exceeds 15 km per hour.
- Stop spraying under turbulent, unstable and dry conditions during the heat of the day.
- Spraying under temperature inversion conditions (spraying in or above the inversion layer) and/or high humidity conditions (relative humidity 80 % and above) may lead to the following:
 - a) reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage),
 - b) damage to other sensitive crops and/or non-target areas through drifting of the suspended spray cloud away from the target field.
- Ensure that the aerial spray operator knows exactly which fields to spray.

Obtain an assurance from the aerial spray operator that the above requirements will be met and that relevant data will be compiled in a logbook and kept for future reference.

CROP RECOMMENDATIONS

Citrus & Mangoes & Avocados:

- Apply in water volumes per tree that will ensure complete coverage of the trees and bearing fruit:
 - Citrus, older trees: 30 to 50 litres,
 - Citrus, younger trees: 20 to 40 litres,
 - Mangoes (depending on the age of the tree): 5 to 15 litres.
 - Avocados (depending on the age of the tree): 10 to 50 litres.
- In case of rain before the spray deposit has fully dried, re-apply the treatment.
- Before commencing with the spray programme remove all out of season citrus fruit.

- Product efficacy may be reduced if **FUNGAWAY® 250 SC** is applied to trees where symptoms of *Phytophthora*-root rot, nematode infestation or viral infection is visible, or trees are suffering from any other physiological stress.

APPLICATION RATES

Crop / Disease	Dosage rate	Remarks
Avocados Cercospora spot (<i>Pseudocercospora purpurea</i>) Dothiorella fruit rot (<i>Dothiorella aromatica</i>) Anthracnose (<i>Colletotrichum gloeosporioides</i>)	30 ml / 100 ℓ water PLUS 250 ml light narrow range mineral oil / 100 ℓ water	<p>Apply as part of a Copper oxychloride control programme as per label recommendation.</p> <p>Commence with the application of FUNGAWAY® 250 SC when fruit are pigeon-egg size and follow up with a second FUNGAWAY® 250 SC application 4 weeks later. Continue with Copper sprays 4 weeks after the second FUNGAWAY® 250 SC application if diseases are evident.</p> <p>Apply only as a high volume application and ensure complete coverage of the fruit.</p> <p>Do not apply more than two (2) applications of FUNGAWAY® 250 SC per season.</p>
Consult the Copper oxychloride WP label for USE RESTRICTIONS, WARNINGS (including RESISTANCE WARNINGS), PRECAUTIONS and DIRECTIONS FOR USE.		
Mangoes Anthracnose (<i>Colletotrichum gloeosporioides</i>)	40 ml / 100 ℓ water	<p>Only apply as a high volume spray.</p> <p>Start the control programme at full flowering to fruit set (petal drop) with a FUNGAWAY® 250 SC application. Continue with a follow-up FUNGAWAY® 250 SC treatment, not later than 3 weeks before harvest. Control of the Stem-end rot complex (including <i>Dothiorella dominicana</i>, <i>Lasiodiplodia theobromae</i> and <i>Phomopsis mangiferae</i>), Blossom blight and Soft brown rot (<i>Botryosphaeria</i> spp.) and Powdery mildew (<i>Oidium mangiferae</i>) will benefit from these applications.</p> <p>Apply FUNGAWAY® 250 SC in a programme with Sulgran 800 WDG and Propizole 250 EC, as per label recommendations, to obtain a <u>COMPLETE Powdery mildew control programme.</u></p>

Crop / Disease	Dosage rate	Remarks
Citrus Citrus black spot (<i>Guignardia citricarpa</i>)	20 ml / 100 l water PLUS 150 g Villa Unizeb 800 WP OR 150 g Copper oxychloride WP PLUS 300 ml light narrow range mineral oil	Only apply as a high volume spray. Begin the control programme with the application of Villa Unizeb 800 WP (200 g per 100 litres water) as soon as possible after 100 % petal drop. Follow-up 3 weeks later with the first FUNGAWAY® 250 SC tank mixture treatment (around 15 th to 31 st October). Apply the second application of the FUNGAWAY® 250 SC tank mixture six weeks later (late November to early December). Should infection conditions remain favourable, another one or two Villa Unizeb 800 WP treatments (200 g per 100 litres water) should be applied at 3-weekly intervals (up to 24 days), in order to obtain protection during the January to February period.
Lemons Before commencement of the FUNGAWAY® 250 SC application programme, remove all remaining fruit. Apply Villa Unizeb 800 WP , using 200 g per 100 litres, during September and October as a preventive treatment. Follow up during October and December with the FUNGAWAY® 250 SC mixture treatment. Additional Villa Unizeb 800 WP treatments must be applied during January and February.		

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

- **COPPER OXYCHLORIDE WP** (L 6231) = **COPPER OXYCHLORIDE WP** (L 5809),
- **VILLA UNIZEB 800 WP** (L 8056 / N-AR 1091) = **COZEB 800 WP** (L 7098) = **NEWZEB 800 WP** (L 8167) (**Mancozeb**),
- **SULGRAIN 800 WDG** (L 9315) = **SULGRAN 800 WDG** (L 5727 / N-AR 1261) = **COSAVET** (L 6355) (**Sulphur**) and
- **PROPIZOLE 250 EC** (L 7561) = **PROPICONAZOLE 250 EC** (L 7306).

COPPER OXYCHLORIDE WP, PROPIZOLE 250 EC, SULGRAIN 800 WDG and VILLA UNIZEB 800 WP are registered products of / is geregistreerde produkte van **VILLA CROP PROTECTION (PTY) LTD.**

COPPER OXYCHLORIDE WP, PROPICONAZOLE 250 EC and/en COZEB 800 WP are registered products of / is geregistreerde produkte van **UNIVERSAL CROP PROTECTION (PTY) LTD.**

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

COSAVET is a registered product of / is 'n geregistreerde produk van **SULPHUR CHEMICAL MILLS (PTY) LTD.**

SULGRAN 800 WDG is a registered product of / is 'n geregistreerde produk van **SUNWOOD CHEMICALS (PTY) LTD.**

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