

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

SHAKE THE BOTTLE WELL BEFORE USE

Fungicide



BUDGET 450 SC

Reg. No. L 9648 Act/Wet No. 36 of/van 1947

1: 28/8/2014 – May 2017

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

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

ACTIVE INGREDIENTS / AKTIEWE BESTANDELE

flusilazole (triazole) **250 g/ℓ** flusilasool (triasool)
azoxystrobin (strobilurin) **200 g/ℓ** asoksistrobien (strobilurien)

FRAC FUNGICIDE GROUP CODE **3** FRAC SWAMDODER GROEPKODE
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



**HARMFUL
SKADELIK**



GEBRUIKSAANWYSSINGS 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:

BUDGET 450 SC

Reg. No. L 9648 Act/Wet No. 36 of/van 1947

FRAC FUNGICIDE GROUP CODE / FRAC SWAMDODER GROEPKODE: 3
FRAC FUNGICIDE GROUP CODE / FRAC SWAMDODER GROEPKODE: 11**ACTIVE INGREDIENTS / AKTIEWE BESTANDEDELE:**flusilazole (triazole) / flusilasool (triasool) 250 g/l
azoxystrobin (strobilurin) / asoksistrobien (strobilurien)..... 200 g/l

Registration holder / Registrasiehouer:

VILLA CROP PROTECTION. (PTY) LTD

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

P.O. Box / Posbus 10413, ASTON MANOR, 1630.

TEL: (011) 396 2233

HARMFUL**SKADELIK****WARNINGS**

| Allow the following number of days between the last application and harvest or grazing of the crops listed below: | |
|--|----|
| Groundnuts | 42 |
| Maize including Sweetcorn | 14 |
| Maize (grazing) | 60 |
| Soybeans (fodder) | 40 |

IMPORTANT NOTES ON MRL'S:

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, VILLA CROP PROTECTION (PTY) LTD. CANNOT ACCEPT RESPONSIBILITY FOR EXPORTED CROPS EXCEEDING THE IMPORT TOLERANCES OF OTHER COUNTRIES.

- Handle with care.
- Harmful when swallowed, inhaled or absorbed through the skin.
- May cause skin and eye irritation.
- Toxic to fish and aquatic organisms.
- Do not contaminate dams, rivers, lakes or any other water sources.
- Store in a cool, dry, well-ventilated place in the original container, away from food and feedstuffs.
- Avoid storage temperatures below -5 °C and above 25 °C.
- Keep out of reach of children, uninformed persons and animals.
- Re-entry: Do not enter treated area within 1 day after treatment unless wearing protective clothing.
- **In case of poisoning call a doctor and make this label available to him/her.**

Aerial application:

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

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 the spray mist.
- Avoid contact with skin and eyes.
- Wear a face shield and rubber gloves when preparing the mixture and during application.

- Wash contaminated clothing after use.
- Wash with soap and water after use and after accidental skin contact.
- Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face and change of clothing.
- Do not spray or allow drift of spray on to other crops, grazing, rivers, dams and areas not under treatment or to nearby water sources.
- 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 that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the container by perforation and flattening and dispose of it in a safe way.
- **Do not** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

SYMPTOMS OF HUMAN POISONING

Prolonged or repeated exposure may cause eye damage or irritate the respiratory tract and eyes and may cause headaches and dizziness. Some individuals may develop an allergic response.

FIRST AID TREATMENT

- **Inhalation:** Remove the patient from the source of contamination to fresh air. Obtain medical attention if irritation persists.
- **Skin contact:** Wash skin gently and thoroughly with cold water and non-abrasive soap. Obtain medical attention if irritation persists.
- **Eye contact:** Immediately irrigate eyes with clean water for at least 20 minutes. Obtain medical attention if irritation persists.
- **Ingestion:** Do not induce vomiting or give anything by mouth. Obtain medical attention immediately. If the person is alert, administer 1 to 2 glasses of water and, if possible, 30 to 50 g of activated charcoal.

NOTE TO PHYSICIAN

There is no specific antidote available. Treat symptomatically. Consider gastric lavage avoiding aspiration. Do not give ephedrine or related drugs.

RESISTANCE WARNING

BUDGET 450 SC is a mixture of group codes 3 and 11 fungicides. Any fungus population may contain individuals naturally resistant to **BUDGET 450 SC** and other group code 3 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 **BUDGET 450 SC** or any other group code 3 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,
- do not exceed two (2) applications of **BUDGET 450 SC** per season,
- 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 PROPERTIES

- **BUDGET 450 SC** is a mixture of systemic foliar fungicides containing **Flusilazole**, a DMI fungicide, and **Axoxystrobin** belonging 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 **BUDGET 450 SC** locally, results have proven that the use of **BUDGET 450 SC**, can increase yields even in situations when low disease pressure is evident.

USE RESTRICTIONS

- It is not recommended to apply systemic products, such as **BUDGET 450 SC**, when crops are under severe drought and/or fertility stress conditions. The uptake and activity of systemic compounds may be reduced under these conditions.
- Consult a representative or the distributor in the event of any uncertainty.

DIRECTIONS FOR USE: Use only as directed.**Compatibility:**

- The compatibility of **BUDGET 450 SC** 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 **BUDGET 450 SC** is used in combination with any other agricultural remedy, adhere to all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on these labels.

Mixing instructions:

- Half fill the spray tank with clean water.
- Shake **BUDGET 450 SC** container well before use.
- Add the required amount of **BUDGET 450 SC** to the water in the spray tank while stirring.
- If any other product is to be mixed with **BUDGET 450 SC**, the required volume of this product must be pre-mixed in a mixing tank with 10 litres water. When a wettable powder is to be added, cream in advance.
- Agitate the water in the spray tank and then add the product(s) to the tank in the following sequence (as applicable): acidifier/buffer or adjuvant, suspension concentrate, water soluble concentrate, emulsifiable concentrate.
- Fill the spray tank with water to the required level while maintaining agitation, to ensure thorough mixing.
- Maintain agitation while spraying.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

APPLICATION**Ground application:**

BUDGET 450 SC can be applied with conventional high volume spray equipment. Calibrate the apparatus before application, to ensure that the correct dosage is applied. The distribution of the spray solution must be even throughout the target area.

Aerial application:

Aerial application of **BUDGET 450 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 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 aerially at a lower volume rate than recommended above.
- Droplet coverage: 25 to 35 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 meters above the target. Do not spray when aircraft dives, is in a climb or when banking.
- Use suitable atomising 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 atomisers 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.

APPLICATION RATES

| Crop and Disease | Dosage rate | Remarks |
|---|--|---|
| Groundnuts Leafspot (<i>Cercospora</i> <i>.arachidicola</i> and <i>C.</i> <i>personatum</i>) Leaf blotch (<i>Phoma arachidicola</i>) Rust (<i>Puccinia arachidis</i>) | <u>Ground application:</u> 375 mℓ <u>Aerial application:</u> 375 mℓ | Apply the first application of BUDGET 450 SC at the onset of disease development (first infection noticed on the basal leaves). A second application of BUDGET 450 SC is recommended 3 weeks later . Under continued high disease pressure conditions, a third application with Sparta 375 SC is recommended, 3 weeks later. <u>Ground application:</u> Apply as a full cover spray in 300 to 500 litres water per hectare. <u>Aerial application:</u> Apply in 30 to 40 litres water per hectare. Refer to “ Aerial application Instructions ” above”. |
| Maize & Sweet Corn Grey leaf spot (<i>Cercospora zea-</i> <i>maydis</i>) Northern leaf blight (<i>Exserohilum</i> <i>turcicum</i>) Rust (<i>Puccinia sorghi</i>) | <u>Ground application:</u> 500 mℓ / ha <u>Hand-held Spinning disc applicator and Aerial application)</u> 170 mℓ / 100 ℓ water | BUDGET 450 SC IS RECOMMENDED IN AN INTEGRATED DISEASE MANAGEMENT PROGRAMME. IN ORDER TO ACHIEVE CONSISTENT AND RELIABLE DISEASE CONTROL, PREVENTIVE FUNGICIDE APPLICATIONS ARE CRITICALLY IMPORTANT. Apply the first application of BUDGET 450 SC at the 5 to 6 leaf stage before any disease symptoms are noticed. A second application of BUDGET 450 SC is recommended 3 weeks later . Under continued high disease pressure conditions, a third application with Sparta 375 SC is recommended, 3 to 4 weeks later. In certain areas/conditions, where low disease presence is expected, apply a single application of BUDGET 450 SC at the 5 to 6 leaf stage. If extended disease control is required, revert back to the above mentioned, follow-up application of BUDGET 450 SC . <u>Ground application:</u> Apply as a full cover spray in 300 to 500 litres water per hectare. <u>Hand-held Spinning disk applicator:</u> Apply 50 to 70 litres water per hectare. <u>Aerial application:</u> Apply in 30 to 40 litres water per hectare. Refer to “ Aerial application Instructions ” above”. Row application for low density plantings e.g. in the Free State and Western parts of RSA: This dosage is based on an overall ground application of 500 mℓ per hectare, in 300 litres water per hectare. Apply, using a tandem fitting with two solid- or hollow cone nozzles, mounted on the boom above each row. Use sufficient water (not less than 100 litres per hectare), to ensure total coverage of the plants. |

| Crop and Disease | Dosage rate | Remarks |
|---|---|--|
| Soybeans Rust (<i>Phakopsora pachyrhizi</i>) | <u>Ground application:</u> 375 ml OR <u>Aerial application:</u> 375 ml | Apply the first application of BUDGET 450 SC at the onset of flowering before any disease symptoms are noticed. A second application of BUDGET 450 SC is recommended 3 to 4 weeks later . Under expected high disease pressure conditions, a 3 weekly spray interval is recommended. <u>Ground application:</u> Apply as a full cover spray in 300 to 500 litres water per hectare. <u>Aerial application:</u> Apply in 30 to 40 litres water per hectare. Refer to “ Aerial application Instructions ” above”. |

NOTES

- Fungicides should not be applied when plants are under severe drought stress or when high infection is present.
- Aerial application should **ONLY** be considered if ground application is not possible.

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

- **SPARTA 375 SC** (L 8403 / N-AR 1340) = **FLUSILAZIM 375 SC** (L 8400 / W 130493) = **FLUSILICARB 375 SC** (L 9409).

SPARTA 375 SC is a registered product of / is 'n geregistreerde produk van
VILLA CROP PROTECTION (PTY) LTD.

FLUSILAZIM 375 SC is a registered product of / is 'n geregistreerde produk van
UNIVERSAL CROP PROTECTION (PTY) LTD.

FLUSILICARB 375 is a registered product of / is 'n geregistreerde produk van
CROPASURE (PTY) LTD.