

READ THE LABEL BEFORE USE. KEEP OUT OF REACH OF CHILDREN AND ANIMALS. SHAKE THE BOTTLE WELL BEFORE USE



Insecticide

FORBIT 500 SC

Reg. No. L 11877 Act No. 36 of 1947

1: 18/09/2025 – Dec2025

A suspension concentrate used for the control of nematodes and fungal diseases on various crops as indicated.

ACTIVE INGREDIENT

fluopyram
(pyridinylethylbenzamide)

500 g/l

GROUP	25	INSECTICIDE
GROUP	7	FUNGICIDE



Hazard Statements:

May be harmful if swallowed.
May be harmful in contact with skin.
May be harmful if inhaled.

Precautionary Statements:

Toxic to aquatic life with long lasting effects
Collect spillage.



WARNING



UN Number: 3082

Registration holder: UNIVERSAL CROP PROTECTION (PTY) LTD.
Co. Reg. No. 1983/008184/07
65 Botes Road, Glen Marais, Kempton Park, 1619
Tel. (011) 396 2233
Website: www.villacrop.co.za

IN CASE OF POISONING / 24 HR EMERGENCY NUMBERS:
Griffon Poison Information Centre (National): +27 82 446 8946
Poison Information Helpline (National): +27 861 555 777
24 Hr Transport / Spill emergency no: (Hazcall24) +27 86 044 4411
(Client: Villa Crop Protection)

REFER TO DETAILS AS PRINTED ON CONTAINER / BAG

DIRECTIONS FOR USE ENCLOSED
Batch Number: Expiry Date:
Date of Manufacture:

FORBIT 500 SC

Reg. No. L 11877 Act No. 36 of 1947
 IRAC INSECTICIDE GROUP CODE: 25
 FRAC FUNGICIDE GROUP CODE: 7

ACTIVE INGREDIENT:

fluopyram (pyridinylethylbenzamide)..... 500 g/l

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WARNING**WARNINGS****Withholding periods:**

Allow the following number of days between the last application and harvest of the following crops:	
Potatoes	100 days
Tomatoes	47 days

For all crops: Do not exceed an application rate equivalent to 2 litres per hectare (see dosage in application table).

THE RECOMMENDED WITHHOLDING PERIOD BETWEEN THE LAST APPLICATION AND HARVEST MEETS LOCAL RESIDUE REQUIREMENTS BUT MAY NOT MEET EXPORT REQUIREMENT. IF THE CROP TREATED IS INTENDED FOR THE EXPORT MARKET, CONSULT THE RELEVANT EXPORTING ORGANIZATION REGARDING MRL REQUIREMENTS AND THE WITHHOLDING PERIODS. WHEN THIS PRODUCT IS USED ACCORDING TO THE LABEL RECOMMENDATIONS SET HEREIN, THE LOCAL MRL WILL NOT BE EXCEEDED. UNIVERSAL CROP PROTECTION (PTY) LTD CAN HOWEVER NOT BE HELD LIABLE FOR THE EXPORT CROPS EXCEEDING THE IMPORT TOLERANCE OF OTHER COUNTRIES.

Hazard Statements:

May be harmful if swallowed.
May be harmful in contact with skin.
May be harmful if inhaled.
Toxic to aquatic life with long lasting effects.

- Handle with care.
- Keep out of reach of children, uninformed persons and animals.
- 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.
- **Re-entry:** Do not enter treatment 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**Precautionary Statements:**

Avoid release to the environment.
Collect spillage.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Avoid inhalation of the spray mist.
- Avoid contact of product with skin and eyes.
- 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.
- 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, boreholes or areas not under treatment.
- Clean applicator after use and dispose of wash water where it will not contaminate crop, grazing, rivers, dams and boreholes.
- Prevent contamination of food, feed, drinking water and eating utensils.
- Keep containers tightly closed in a dry, cool and well-ventilated place.
- Store in original container.
- Store in a cool place away from food, drinks and animal feedstuff.
- **FORBIT 500 SC** is light sensitive and may be degraded when exposed to direct sunlight for long periods of time.
- **TRIPLE RINSE THE EMPTY CONTAINER AS FOLLOWS:** Invert the empty container over the spray or mixing tank and drain for at least 30 seconds after the flow has slowed down to dripping. Thereafter rinse the empty container three times in succession with one quarter of the container volume fresh water and decant the rinsate into the spray or mixing tank. Puncture the triple rinsed container and dispose of via an approved collector or recycler (www.croplife.co.za). Do not bury, burn or donate the container to any other parties that may use it as a container for food or beverages.
- **Never** re-use the empty container for any other purpose.

Relevant hazardous components	
Propan-2-ol	<10 g/l
Organic silicon	<10 g/l
1,2-Benzisothiazoline-3-one	<10 g/l

NOTE: The ingredients listed above contribute to the overall GHS classification, the remaining ingredients do not have to be listed according to the South African Regulations for Hazardous Chemical Agents 2021, Regulation 14(b).

In case of poisoning, call the following number: +27 82 446 8946 (Griffon Poison Information Centre) or +27 861 555 777 (Poison Information Helpline).

In case of a chemical spill call the following 24 Hr Transport / Spill emergency number: +27 86 044 4411 (Hazcall24 / Client: Villa Crop Protection).

First Aid Measures:

- Remove the victim from the area of exposure. Wash off remaining material with plenty of water. In the event of any complaints or symptoms, avoid further exposure and if symptoms persist, consult a doctor.
- **Skin:** Remove contaminated clothing and shoes. Gently wipe off excess chemical. Wash skin gently and thoroughly with water and non-abrasive soap. **Obtain medical attention if irritation occurs.**
- **Eyes:** Flush eyes with clean water for at least 15 to 20 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Obtain medical attention if irritation persists.
- **Inhalation:** If vapours or mists have been inhaled, move victim to fresh air and remove source of contamination if safe to do so. The patient should be kept under observation. **Obtain medical attention.**
- **Ingestion:** **Seek medical attention** or call a poison control centre for treatment advice. Do not induce vomiting unless instructed to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person. If the person is alert, rinse mouth thoroughly with water.
- **Advice to physician:** There is no specific antidote available. Treat symptomatically and supportively.

RESISTANCE WARNING

FORBIT 500 SC contains a group code 7 fungicide and 25 nematocide. Any fungal or nematode population may contain individuals naturally resistant to **FORBIT 500 SC** and other group 7 / 25 fungicide / nematocide. The resistant individuals can eventually dominate the pest population if the pesticide is used repeatedly and

in successive seasons without proper management. These resistant pests may not be controlled by **FORBIT 500 SC** or any other group code 7 fungicide or 25 nematicide. Appropriate resistance-management strategies should be followed.

To delay resistance:

- avoid exclusive repeated use of pesticides from the same pesticide group code. Alternate or tank mix with products from different fungicide or nematicide group codes,
- an IPM programme should always be implemented together with fungicide / nematicide applications. This includes scouting and monitoring of fungal / nematode populations, keeping of historical information related to pesticide use and crop rotation and the consideration of cultural, biological and other chemical control practices.
- discontinue the use of **FORBIT 500 SC** should resistance be suspected, or inadequate control achieved. **DO NOT** increase the use rate. If available and indicated, switch to another fungicide / nematicide, with a different target site of action.

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

Additional information on Fungicide Resistance Management with FORBIT 500 SC:

- The **TOTAL** number of SDHI's applied to a crop per season should not exceed 50 % of the total number of fungicides applied for disease control.
- Solo application of **FORBIT 500 SC**: strict alternation with fungicides with a different mode of action.
- If **FORBIT 500 SC** is applied in a tank mixture: apply a maximum of two (2) consecutive applications.
- Refer to FRAC guidelines for further information and guidance.

Mode of Action:

FORBIT 500 SC contains **Fluopyram** which is a succinate dehydrogenase inhibitor (SDHI) and part of the group FRAC 7 and IRAC 25. Succinate dehydrogenase is functional in complex II of the mitochondrial electron transport chain and disrupts pathogen energy production resulting in inhibition of functioning of nematodes and for fungal pathogens, inhibition of spore germination as well as germ tube and mycelial growth. **FORBIT 500 SC** has rapid penetration into the plant and then moves systemically in an acropetal and translaminar direction.

USE RESTRICTIONS

- Apply **FORBIT 500 SC** at the recommended rates. Do not use reduced rates.
- **DO NOT** apply **FORBIT 500 SC** through the irrigation system.
- **FORBIT 500 SC** is light sensitive and may be degraded when exposed to direct sunlight for long periods of time. Stored fruit should be shielded from direct sunlight.

Potatoes and Tomatoes:

- **Only apply FORBIT 500 SC once every four (4) years to annual row crops on the same field.**
- **DO NOT plant follow up crops that are not registered for use with FORBIT 500 SC for a period of two (2) years after application. This restriction only applies to edible and fodder crops.**
- Soil applications of **FORBIT 500 SC** will provide disease control against certain foliar pathogens of potato and tomato (e.g., *Alternaria* spp., *Botrytis cinerea* and Powdery mildew). However, as residual activity may be largely influenced by changing environmental conditions, do not exploit the activity of **FORBIT 500 SC** for the whole growing season. Preventative foliar programmes should continue a maximum of five (5) weeks after emergence.
- To protect resistance development against **FORBIT 500 SC** and other group 7 fungicides:
 - Soil applications of **FORBIT 500 SC** must be considered in the total number of SDHI sprays applied for a crop in a season according to FRAC guidelines.
 - The first foliar application to follow the **FORBIT 500 SC** soil application should be an approved fungicide with another mode of action.
 - Minimize the spray interval between soil and foliar fungicide applications.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

- **FORBIT 500 SC** can be used for in furrow treatments with **Cast 700 WDG** (L 9184) and **Pencycuron**, such as **Monceren 250 SC** (L 3123) and **Holt 250 SC** (L10876).
- The compatibility of **FORBIT 500 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 spraying, as formulations can be altered, and water quality can vary from area to area.
- If the products are physically compatible, this does **NOT** imply that they will be biologically compatible (effective against the target pathogen), thus the registration holder will not take responsibility for ineffective control in these scenarios.
- Always consult the labels of products to be used tank mixture with **FORBIT 500 SC**.

Mixing instructions:

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

- Half fill the spray tank with clean water.
- Add the required quantity of **FORBIT 500 SC** to the mixing tank. Ensure continuous agitation.
- If other products will be used in a tank mixture with **FORBIT 500 SC**, the following mixing sequence, as applicable, must be used: buffer/acidifier; wettable powder or granules (**WP** or **WDG**); suspension concentrate (**SC**); emulsifiable concentrate (**EC**); wetter. 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 Instructions:

- 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.
- **IMPORTANT** – always ensure even coverage of the target area.

Post Spray Equipment Cleaning

It is essential to rinse the spray tank and all hoses with a 0.1 % solution of either calcium chloride or ammonium hydroxide or the recommended rate of **Protank[®] liquid cleaner** according to the product label. Allow this solution to stand in the spray equipment for 15 minutes; empty the spray equipment; repeat the rinsing with a 0.1 % solution of calcium chloride or ammonium hydroxide for 15 minutes; rinse all equipment with water. Nozzles and fitters must be cleaned individually. Rinse water and solution should be drained in a cesspool or drain where it will not contaminate any water source.

APPLICATION RATES

Crop / Disease	Dosage rate	Remarks	
<p>Potatoes</p> <p>Early Blight (<i>Alternaria solani</i>)</p> <p>Rootknot nematode (<i>Meloidogyne</i> spp.)</p> <p>Lesion nematode (<i>Pratylenchus</i> spp.)</p> <p>Spiral nematode (<i>Helicotylenchus</i> spp.)</p> <p>Stunt nematode (<i>Tylenchorhynchus</i> spp.)</p>	<p><u>In-Furrow at plant:</u> 15 to 20 ml / 2.5 l water per 100 linear m in the furrow*</p> <p>(*Depending on row width – see below)</p>	<p>Applications should be made at plant to the open furrow either before or directly after tuber placement. Spray the furrow area from ridge-tip to ridge-tip (in a maximum 40 cm band). Close furrows directly after applications and tuber placement to ensure that only treated soil comes into contact with tubers.</p> <p>Dose rate selected is dependent on row width and the number of rows per hectare. DO NOT exceed a rate of 20 ml / 100 m row length or 2 litres per hectare.</p> <p>Control of Early blight by in-furrow applications is expected to cover infections occurring in the first few weeks after crop emergence. To extend control, a preventative foliar spray programme should be implemented from five (5) weeks after emergence using approved fungicides with a different mode of action.</p> <p>On sites with a history of severe nematode infestation, it is recommended that additional nematicidal treatments be applied. For example, a preceding soil fumigation treatment.</p> <p>Refer to USE RESTRICTIONS and DIRECTIONS FOR USE above and NOTES below.</p>	
Row width (m)	Rows / ha	Rate/100 m	Rate/ha
1.8	55.6	20 ml /100 m	1.11 l/ha
1.65	60.6	20 ml /100 m	1.21 l/ha
1.2	83.3	20 ml /100 m	1.67 l/ha
1.0	100	20 ml /100 m	2.0 l/ha
0.9	111	18 ml /100 m	2.0 l/ha
0.8	125	16 ml /100 m	2.0 l/ha
0.75	133	15 ml /100 m	2.0 l/ha
<p>NOTES</p> <p>Irrespective of treatment rate or methodology, the persistency and nematicidal activity of FORBIT 500 SC is strongly influenced by factors beyond the manufacturer's control, such as monocropping, soil type and the amount of irrigation or rainfall. Some nematode damage must be expected in the crops listed. In potatoes, severe losses can occur. It is advisable to lift potatoes 120 days after application or as soon as possible thereafter to avoid damage from recurrence of nematodes</p>			

Crop / Disease	Dosage rate	Remarks
Tomatoes Rootknot nematode (<i>Meloidogyne</i> spp.) Lesion nematode (<i>Pratylenchus</i> spp.) Spiral nematode (<i>Helicotylenchus</i> spp.)	<u>Pre plant band application:</u> 20 ml / 2.5 l water per 100 linear m in a 30 cm band over the planting row. = Plant row spacing of 1 m at 2.0 l/ha	FORBIT 500 SC should be applied <u>directly</u> before planting. Determine the amount of water to be used to cover the required distance of band treatment. This is achieved by calibrating the spray equipment with clean water. <u>Choose ONLY one method of application:</u> <ul style="list-style-type: none"> • Lightly incorporate with mechanical equipment <li style="text-align: center;">OR • Plant within one day of treatment and irrigate <li style="text-align: center;">OR • Transplant straight after application and irrigate to incorporate the treatment. DO NOT exceed a dosage rate of 2.0 l/ha.

Consult the **Holt 250 SC** and **Cast 700 WDG** labels for **USE RESTRICTIONS, WARNINGS (including RESISTANCE WARNINGS), PRECAUTIONS** and **DIRECTIONS FOR USE**.

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

- **HOLT 250 SC** (L 10876) = **IMMUNE 250 SC** (L 10865) (**Pencycuron**) and
- **CAST 700 WDG** (L 9184) = **EMIT 700 WDG** (L 9183) (**Imidacloprid**).

HOLT 250 SC and **CAST 700 WDG** are registered products of
UNIVERSAL CROP PROTECTION (PTY) LTD

IMMUNE 250 SC and **EMIT 700 WDG** are registered products of
VILLA CROP PROTECTION (PTY) LTD

PROTANK® LIQUID CLEANER and **MASTERLOCK®** are registered trademarks of
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