

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

SEED TREATMENT



CAPTIVO 360 FS

Reg. No. L 10404 Act No. 36 of 1947

4: 16/08/2023 – Oct2023

A systemic insecticide and fungicide seed treatment for the control of insect pests and diseases in cereal crops as indicated.

ACTIVE INGREDIENTS

imidacloprid (chloro-nicotinyl) 350 g/ℓ
tebuconazole (triazole) 10 g/ℓ

GROUP

4A

INSECTICIDE

GROUP

3

FUNGICIDE



WARNING

Hazard Statements:

Harmful if swallowed.
May cause an allergic skin reaction.
Suspected of damaging the unborn child.
Very toxic to aquatic life with long lasting effects.

Precautionary Statements:

Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing, and chemical safety goggles.



villa

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

24 HR EMERGENCY NUMBERS:

Griffon Poison Centre: +27 82 446 8946
24 HR Transport / Spill Emergency no: (Hazcall24) +27 86 044 4411
(Client: Villa Crop Protection)

DIRECTIONS FOR USE ENCLOSED

REFER TO DETAILS PRINTED
ON CONTAINER/BAG

Batch Number:
Date of Manufacture:
Expiry date:

CAPTIVO 360 FS
Reg. No. L 10404 Act No. 36 of 1947
IRAC INSECTICIDE GROUP CODE: 4A
FRAC FUNGICIDE GROUP CODE: 3

ACTIVE INGREDIENT:

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WARNINGS

Withholding period:

Minimum time between the last application and feeding:	
Wheat & Barley	100 days

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

Hazard statements:

Harmful if swallowed
May cause an allergic skin reaction
Suspected of damaging the unborn child
Very toxic to aquatic life with long lasting effects

- Handle with care.
- **Treated seed may be poisonous to seed-eating birds. Treated seed must be planted properly and covered entirely with soil. no seed should be left in places where it can be eaten by birds.**
- Store in a cool place away from food and feedstuffs.
- Keep out of reach of children, uninformed persons and animals.

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 pests against the remedy concerned, as well as the method, time and accuracy of application. The registration holder furthermore does not accept responsibility for damage to crops, vegetation, and 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:

Obtain, read and follow all safety instructions before use.
Wash hands and face thoroughly after handling.
Do not eat, drink or smoke when using this product.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release into the environment.
Wear impervious rubber gloves and boots, protective clothing and chemical safety goggles.
IF SWALLOWED: Get medical help.
IF ON SKIN: Wash with plenty of water and non-abrasive soap.
IF exposed or concerned, get medical advice.
Rinse mouth.
If skin irritation or rash occurs: Get medical help.
Collect spillage.

Store locked up.
Dispose of content/container to suitable landfill in accordance with local regulations.

- Do not handle product until safety precautions have been read and understood. Suspected of damaging the unborn child.
- 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 (3) 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.
- Label the bags which contain treated seed clearly "POISONOUS".** Treated seed must be handled carefully.
- Never use treated seed for consumption or animal feed.** Store away from non-treated seed that is used for food or feed.
- Never use the bags for any other purpose.

Relevant hazardous components	
Imidacloprid	35%
Tebuconazole	1%
Etho-propoxylated Tristyrylphenol	< 5%
Ethoxylated fatty alcohol	< 5%
Mono Ethylene Glycol	< 10%
Proxel GXL	< 0.5%

SYMPTOMS OF POISONING

In severe cases of poisoning: apathetic state, depressed muscular tone, respiratory disturbances and trembling and muscular cramps.

FIRST AID TREATMENT

- In case poisoning is suspected:** Remove the patient from the source of poisoning to a well-ventilated area and keep him/her calm and at rest. **Call a physician immediately.** Keep the airway clear to maintain respiration, particularly when the patient is unconscious or has vomited. Do not apply direct mouth-to-mouth respiration. **If exposed or concerned, get medical advice.**
- Skin contact:** Remove contaminated clothing and shoes. Gently wipe off excess chemical. Flush skin with large amounts of water and then wash thoroughly with soap and water, if available, wash with polyethylene glycol 400. **Seek medical attention if skin irritation persists.** Wash contaminated clothing before re-use.
- Eye contact:** Flush eyes with clean water for at least 15 minutes. Lift eyelids to facilitate irrigation. If present, remove contact lenses after 5 minutes and continue rinsing. Seek medical attention if irritation persists.
- Inhalation:** Remove person from contaminated area to fresh air. Seek medical attention if irritation persists.
- 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.

NOTE TO PHYSICIAN

Treat symptomatically and supportively. Check blood pressure and pulse rate regularly as brachycardia and hypotonia are possible. In case of significant ingestions, gastric lavage should be considered within two (2) hours after ingestion. Use of activated charcoal and sodium sulphate is advised. No specific antidote known.

RESISTANCE WARNING

CAPTIVO 360 FS (Imidacloprid) is a group code 4A insecticide plus group code 3 (**Tebuconazole**) fungicide. Any insect/fungi population may contain individuals naturally resistant to **CAPTIVO 360 FS** and other group code 4A insecticides or group code 3 fungicides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **CAPTIVO 360 FS** or any other group code 4A insecticide or group code 3 fungicides.

To delay insecticide resistance:

- avoid exclusive repeated use of insecticides/fungicides from the same group codes. Alternate with products from different mode of action group codes,

- integrate other control methods (chemical, cultural, biological) into insect/disease control programmes,

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

MODE OF ACTION

CAPTIVO 360 FS contains two active ingredients: Imidacloprid and Tebuconazole. **Imidacloprid** is a systemic insecticide with translaminar activity and with contact and stomach action. It is readily taken up by the plant and further distributed acropetally, with good root-systemic action. **Imidacloprid** acts as an antagonist by binding to postsynaptic nicotinic receptors in the insect central nervous system. **Tebuconazole** is a systemic fungicide with protective, curative and eradicated action. It is rapidly absorbed into the vegetative parts of the plant, with translocation principally acropetally. **Tebuconazole** acts as a sterol demethylation inhibitor.

USE RESTRICTIONS

- Use **CAPTIVO 360 FS** only for the treatment of high-quality certified seed.
- Only treat seed that is to be used for planting purposes and not for consumption or feed.
- Sufficient soil moisture is required, to ensure uptake of the active ingredients during germination.
- Do not treat seed of inbred parent plants of hybrids, experimental hybrids or cultivars or newly released hybrids or cultivars with **CAPTIVO 360 FS**. First refer to the manufacturer or seed supplier.
- Emergence of seedlings may be adversely affected should planting depth exceed 50 mm. Efficacy may also be adversely affected by planting depth.

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

- **DO NOT** use **CAPTIVO 360 FS** on wheat & barley seed that have been treated with **VITAVAX® FS** (L 2910) as this may adversely affect germination. However, it **MAY BE USED** on seed treated with **VITAVAX® PLUS** (L 3695).

Mixing instructions:

- Mix the required volume of **CAPTIVO 360 FS** with a small volume of water to form a smooth cream before adding the balance of the water. Mix thoroughly before adding to the seed.
- Large quantities of seed are conveniently treated in automatic seed-dressing machines. **CAPTIVO 360 FS** is to be used as a slurry seed-dressing. The machines should be checked at intervals, to ensure that the correct quantity of **CAPTIVO 360 FS** is used.

Application instructions

- The planter should be calibrated prior to planting with treated seed, to ensure that the required plant population is obtained. Calibration must also be confirmed at regular intervals thereafter.

APPLICATION RATES**IMPORTANT**

Refer to “WARNINGS” above regarding storing and use of treated seed.

Crop & pest / disease	Dosage	Remarks
Wheat Russian wheat aphid (<i>Diuraphis noxia</i>) Wheat aphid (<i>Schizaphis graminum</i>) Oat aphid (<i>Rhopalosiphum padi</i>) Brown wheat ear aphid (<i>Sitobion avenae</i>) Stinking smut (<i>Tilletia spp.</i>) Loose smut (<i>Ustilago tritici</i>)	400 ml / 1.6 l water / 100 kg seed	Seed treatment – refer “ Mixing instructions ” above. It is recommended to treat the seed a few days before planting. Ensure complete coverage of the seed with the mixture.
Barley Russian wheat aphid (<i>Diuraphis noxia</i>) Wheat aphid (<i>Schizaphis graminum</i>) Oat aphid (<i>Rhopalosiphum padi</i>) Brown wheat ear aphid (<i>Sitobion avenae</i>) Covered smut (<i>Ustilago hordei</i>) Loose smut (<i>Ustilago nuda</i>)		Depending on sufficient soil moisture levels to enhance the uptake of Imidacloprid , control of Aphids can be expected for a period of 8 to 10 weeks.

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