

Read the label before opening the container.

For full particulars, see enclosed leaflet.

KEEP OUT OF REACH OF CHILDREN AND ANIMALS

BUCON 250

South Africa Reg. No: L11410 Act No. 36 of 1947

FRAC FUNGICIDE GROUP CODE: 28

A systemic fungicide as an emulsion oil in water for the control of diseases on crops as listed

ACTIVE INGREDIENT:

Tebuconazole (triazole).....250g/l

Product Information: 072 678 8226
In case of poisoning: 082 446 8946

HAZARD STATEMENTS

- Harmful if swallowed
- Harmful in contact with skin
- Toxic if inhaled
- Causes skin irritation
- Causes serious eye damage
- May cause an allergic skin reaction
- Very toxic to aquatic life
- Toxic to aquatic life with long lasting effects



PRECAUTIONARY STATEMENTS

- Wash body thoroughly after handling.
- Avoid release to the environment.

enviro
bio-chem

Registration holder: Enviro Crop Protection (Pty) Ltd

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Expiry Date:

Batch No:

Date of Manufacture:

UN No. 3082

WARNINGS:

Allow the following number of days between last application and harvest or grazing of the crops as listed below:

- Barley and Wheat: 77days
- Tomatoes and Potatoes: 7days
- **GHS HAZARD STATEMENTS:**
 - Harmful if swallowed
 - Harmful in contact with skin
 - Toxic if inhaled
 - Causes skin irritation
 - Causes serious eye damage
 - May cause an allergic skin reaction
 - Very toxic to aquatic life
 - Toxic to aquatic life with long lasting effects
- **IMPORTANT:** The recommended withholding period between last application and harvest meets local residue requirements, but the import residue requirements of other countries might possible be exceeded. Consult your local agent if used on the crops export.
- **CEREALS:** When tank mixtures with grass herbicides are applied slight leaf mottling/scorch may occur but new growth will not be affected.
- Handle with care.
- May cause skin and eye irritation.
- Poisonous by swallowing, inhalation and skin contact.
- Toxic to aquatic organisms.
- Store under lock and key in a cool, dry place, away from food, feeds, seed and fertilizers.
- 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.
- In case of poisoning, take the patient immediately to a doctor and make this label available to him/her.
- **AERIAL APPLICATION:** notify all inhabitants of the immediate area to be sprayed and issue the necessary warnings. Do not spray over or allow drift to contaminate adjacent areas or water. Please refer to the SANS Code of Practice for the aerial application of agricultural chemicals.

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:

GHS PRECAUTIONARY STATEMENTS:

- Wash body thoroughly after handling.
- Do not eat, drink or smoke when using this product.
- **IF SWALLOWED:** Get medical help. Rinse mouth.
- Dispose of contents/container in accordance with local/regional/national/international regulations.
- Wear protective gloves/protective clothing
- **IF ON SKIN:** Wash with plenty water. Get medical help.
- Specific treatment
- Take off contaminated clothing and wash it before reuse.
- Avoid breathing dust/fume/gas/mist/ vapours/spray.

- Use only outdoors or in a well-ventilated area.
 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 - Get emergency medical help immediately.
 - Store in a well-ventilated place. Keep container tightly closed.
 - Store locked up.
 - Wash hands thoroughly after handling. Do not touch eyes.
 - IF IN EYES: Immediately rinse with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 - If skin irritation occurs: Get medical help.
 - Avoid release to the environment.
 - Collect spillage.
- Do not inhale the spray mist or fumes.
 - Avoid eye and skin contact.
 - Wear protective overalls, rubber gloves, gumboots and face shield when the concentrate is handled and during mixing.
 - Wash with soap and water after use and after accidental skin contact.
 - Wash contaminated clothing after use.
 - Do not eat, drink or smoke whilst mixing or applying the product or before washing hands and face and change of clothing.
 - Prevent drift onto other crops, grazing, rivers, dams or areas not under treatment or to nearby water sources.
 - Thoroughly clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, boreholes, rivers or dams.
 - Containers and packages must be completely emptied before being disposed of. Shake out thoroughly into the applicator and destroy the empty container thereafter in the described manner.
 - Destroy the empty container by perforation and dispose of it in a safe manner.
 - Never re-use the empty container for any other purpose.
 - Prevent contamination of food, feed, drinking water and eating utensils.

RELEVANT SUBSTANCES:

Tebuconazole 250g/ℓ

Polyoxyethylene alkyl phenyl ether >50g/ℓ

N-methyl pyrrole >30g/ℓ

Morpholine amide of C8/C10 fatty acid >500g/ℓ

FIRST AID TREATMENT:

EYE CONTACT: Wash with copious amounts of clean running water for at least 15 minutes with the eyelids held open. Get medical attention.

SKIN CONTACT: Wash with copious amounts of cold water and soap. Should irritation develop, seek medical attention.

INHALATION: Remove the patient from source of contamination to fresh air and keep at rest. Seek medical attention.

INGESTION: Rinse mouth and drink lots of water. Do not induce vomiting. Seek medical attention immediately.

RESISTANCE WARNING:

For resistance management, **Bucon 250** is a FRAC **group code 3** fungicide. Any fungus population may contain individuals naturally resistant to **Bucon 250** and other **group code 3** fungicide. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungus may not be controlled by **Bucon 250** or any other **group code 3** fungicides.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicide 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 other fungicide group codes, refer to applicable individual product labels.
- Integrate the control methods (chemical, cultural, biological) into fungicide control programmes.

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

DIRECTIONS FOR USE: Use only as directed.

Compatibility:

The compatibility of Bucon 250 with other products may vary. A physical compatibility test must always be performed before such tank mixture is sprayed.

When Bucon 250 is used in conjunction with any other agricultural remedy, all WARNINGS, PRECAUTIONS and DIRECTIONS FOR USE mentioned on that label, must be adhere to.

Mixing instructions:

- Half fill the spray tank with clean water. And shake the container well before use.
- Add the required quantity of Bucon 250 to the water in the spray tank.
- Agitate well to obtain a homogeneous emulsion.
- Fill the spray tank with water to the required level while maintaining agitation to ensure thorough mixing.
- Maintain agitation while spraying.

APPLICATION:

Ground application:

Bucon 250 can be applied with conventional high volume spray equipment. It is important that the sprayer be calibrated prior to application to ensure that the correct delivery rate and even distribution of the spray mixture is obtained.

Aerial application

Aerial application of Bucon 250 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 litre 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 microns is recommended. Limit the production of fine droplets, less than 150 microns (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 is diving, climbing 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/h.
- 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:
 - reduced efficacy due to suspension and evaporation of small droplets in the air (inadequate coverage).
 - 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/DISEASE	DOSAGE	REMARKS
TOMATOES Early blight (<i>Alternaria solani</i>)	75 ml/100ℓ water	Apply 5-12L spray mixture/100m row length depending on plant height. Ensure thorough coverage of the plants. Commence application at the very first signs of infection. Bucon 250 should be applied in a tank mixture with a registered late blight fungicide when conditions are favourable for the development of late blight. Bucon 250 should not be applied more than 5 times per season. Apply every 7-10 days or alternate every 7-10 days in a programme with a treatment (non-DMI fungicide) registered against early and/or late blight, depending on conditions.
POTATOES Early blight (<i>Alternaria solani</i>)	Ground Application 75ml in 100ℓ water Aerial Application 500-750ml /ha in 40ℓ water	Apply Bucon 250 preventatively or apply the first spray with the first signs of the disease. Apply the follow-up sprays at 7 to 10 day intervals. Apply the higher dosage rate (aerial application) after the flowering stage or with warm, moist climatic conditions which favour development of early blight. If conditions favour the development of late blight, apply a tank mixture of Bucon 250 with a registered late blight product. Alternatively Bucon 250 sprays can, as necessary, be alternated each 7 to 10 days with another chemical group fungicide, which is registered for early and/or late blight. Do not apply more than 5 Bucon 250 sprays per season.
POTATOES Early blight (<i>Alternaria solani</i>)	Ground Application 75ml in 100ℓ water Aerial Application 500-750ml /ha in 40ℓ water	Ground application: Apply in 500 litre water per hectare. Do not apply less than 375 ml per hectare.

WHEAT:

Bucon 250 should be applied at the first signs of infection before 5 % infection level is reached.

A second application 21 days after the initial application is recommended for wheat with a high yield potential, particularly in cases where the initial application was made early (first node stage) or when other diseases develop later in the season.

DISEASE	GROUND APPLICATION	AERIAL APPLICATION	REMARKS
Powdery mildew (<i>Erysiphe raminis</i>)	750ml/ha in 300ℓ water	750ml/ha in 30ℓ water	Spray as soon as symptoms are noticed, but not later than the flag leaf stage. Repeat application should symptoms reappear.
Glume blotch (<i>Septoria nodorum</i>)	625ml/ha in 300ℓ water	750ml/ha in 30ℓ water	Apply from second node stage but not later than ear emergence.
Yellow (stripe) rust (<i>puccinia striiformis</i>)			Apply when first symptoms are noticed. Repeat application if symptoms reappear.