

Read the label before opening the container.

For full particulars, see enclosed leaflet.

**KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

# CARETAKER™

South Africa Reg. No: L11869 Act No. 36 of 1947

**FRAC FUNGICIDE GROUP CODE: 11 & 7**

CARETAKER™ is a water dispersible granular fungicide for the preventive control of fungal diseases as listed.

## ACTIVE INGREDIENT:

Pyraclostrobin (methoxy-carbamates).....128g/kg

Boscalid (pyridine-carboxamide).....252g/kg

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

## HAZARD STATEMENTS

- Harmful if inhaled
- Very toxic to aquatic life with long lasting effects

## PRECAUTIONARY STATEMENTS

- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.



**WARNING**

**enviro™**  
bio-chem

**Registration holder: Enviro Crop Protection (Pty) Ltd**

**Co. Reg No. 2007 / 027855 / 07**

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Expiry Date:

Batch No:

Date of Manufacture:

**UN No. 3077**

**WARNINGS:**

- Harmful if inhaled.
- Very toxic to aquatic life with long lasting effects.
- Toxic to fish, bees and wildlife.
- Keep out of reach of children, uninformed persons and animals.
- Store under lock and key, away from food and feedstuffs.

**ALLOW THE FOLLOWING MINIMUM NUMBER OF DAYS, BETWEEN LAST APPLICATION AND HARVEST:**

|                                             |    |
|---------------------------------------------|----|
| Capsicum crops (Chillies, Paprika, Peppers) | 7  |
| Potatoes                                    | 14 |
| Tomatoes                                    | 3  |

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:**

- Use only outdoors or in a well-ventilated area.
- Avoid release to the environment.
- Collect spillage.
- Dispose of contents/container in accordance with local/regional/national regulations.
- Triple rinse empty container in the following manner: Invert the empty container over the spray or mixing tank and allow to drain for at least 30 seconds after the flow has slowed down to a drip. Thereafter, rinse the empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsings to the content of the spray tank. Empty containers should be taken for local recycling or waste disposal. Do not re-use empty containers.

**RELEVANT SUBSTANCES:**

Pyraclostrobin 12.8%  
Boscalid 25.2%

**SYMPTOMS OF HUMAN POISONING**

This is a cholinesterase inhibitor. Symptoms of human poisoning are malaise, weakness, headache, nausea, vomiting, giddiness and anorexia.

**FIRST AID TREATMENT:**

- IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF skin irritation occurs: Get medical advice/attention.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing.

## **NOTE TO PHYSICIAN**

This is an organophosphate insecticide. If symptoms of poisoning are present, the administration of atropine sulphate is indicated. 2-PAM may also be administered. Do not give morphine.

## **RESISTANCE WARNING**

For resistance management, CARETAKER™ is a FRAC Group Codes 11 and 7 Fungicide. Any fungal population may contain individuals naturally resistant to CARETAKER™ and other Group Codes 11 and 7 fungicides. The resistant individuals can eventually dominate the fungal population, if these fungicides are used repeatedly and exclusively in programmes.

These resistant fungi may not be controlled by CARETAKER™, or any other Group Codes 11 and 7 fungicides.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same Fungicide Group Codes.
- Integrate other control methods (chemical, cultural, biological), into disease control programmes.

## **FOR SPECIFIC INFORMATION ON RESISTANCE MANAGEMENT, CONTACT THE REGISTRATION HOLDER, ENVIRO CROP PROTECTION (PTY) LTD.**

## **DIRECTIONS FOR USE: USE ONLY AS DIRECTED**

Poisons Helpline: 0861 555 777

## **MIXING INSTRUCTIONS**

Half fill the tank with clean water. Measure the required quantity of CARETAKER™ and pre-mix this with at least 10ℓ water. Add this mixture to the water in the spray tank, while agitating the mixture. Fill the spray tank with water, while maintaining agitation, to ensure thorough mixing of the spray mixture, before spraying commences. Maintain agitation during the whole spraying operation. Prepared spray mixture must not be left in the spray tank, for any length of time, e.g. overnight.

## **COMPATIBILITY**

The compatibility of CARETAKER™ with other products depends on the formulations of the respective products as well as the quality of the spray water to be used. As formulations change from time to time it is recommended that a physical compatibility test be done prior to the tank mixture being made.

## **AERIAL APPLICATION**

Aerial application of CARETAKER™, 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 - 35ℓ, 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:** 50 - 70 droplets per cm<sup>2</sup> must be recovered at the target area.
- **Droplet size:** A droplet spectrum with a VMD of 250 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 - 4 meters above the target. Do not spray when aircraft dives, is in a climb 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 - 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.

All spray applications must be made with suitable equipment that is in good working order and correctly calibrated, to give the desired coverage for that particular method of application

| CROP                                                      | DISEASE                                                                                                                                                     | DOSAGE  | DIRECTIONS FOR USE                                                                                                                                                                                                                                                                                                                                                                       |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>CAPSICUM CROPS</b><br><br>(Chillies, Paprika, Peppers) | Powdery mildew<br><i>(Leveillula taurica)</i><br><br>Cercospora leaf spot<br><i>(Cercospora capsici)</i><br><br>Anthracnose<br><i>(Colletotrichum spp.)</i> | 500g/ha | Apply CARETAKER™, as a preventive treatment, at 10 - 14 day intervals. CARETAKER™ should be applied as part of a programme application, with a maximum of three applications per season.<br><br>All other applications for disease control must be made with different Fungicide Group Codes.<br><br>Apply CARETAKER™ in 300 - 500ℓ water/ha.<br><br>Ensure good coverage of the plants. |

| CROP     | DISEASE                                      | DOSAGE                                                                                    | DIRECTIONS FOR USE                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------|----------------------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| POTATOES | Early blight<br>( <i>Alternaria solani</i> ) | 300g/ha                                                                                   | <p><b>Ground application:</b><br/>Apply CARETAKER™ as part of a preventive spray programme at 10 - 14 day intervals. In the programme, alternate with unrelated contact fungicides.</p> <p>Apply a maximum of three CARETAKER™ applications, per season.</p> <p>Apply CARETAKER™ in at least 500ℓ water/ha.</p> <p>Ensure good coverage of the plants.</p> <p><b>Aerial application:</b><br/>Apply in 30 - 40ℓ water/ha.</p>   |
|          |                                              | 600g/ha                                                                                   | <p><b>Ground application:</b><br/>When conditions are expected that favor the development of the disease, or where high disease pressure is expected, apply a maximum of two CARETAKER™ applications per season, with a spray interval of 21 - 28 days. In the spray programme, alternate with unrelated contact fungicides.</p> <p>Apply CARETAKER™ in at least 500ℓ water/ha.</p> <p>Ensure good coverage of the plants.</p> |
| TOMATOES | Early blight<br>( <i>Alternaria solani</i> ) | 300g/ha<br>If water volume exceeds 500ℓ/ha, apply at the rate of 60g product / 100ℓ water | <p>Apply CARETAKER™, as part of a preventive spray programme, at 10 - 14 day intervals. In the programme, alternate with unrelated contact fungicides, e.g. Metiram 700 WDG.</p> <p>Apply a maximum of three CARETAKER™ applications per season.</p> <p>Apply CARETAKER™ in at least 500ℓ water/ha.</p> <p>Ensure good coverage of the plants.</p>                                                                             |