

Read the label before opening the container.

For full particulars, see enclosed leaflet.

# Captain

South Africa Reg. No: L 7778 Act No. 36 of 1947

An emulsifiable oil in water systemic fungicide for the control of  
powdery mildew and scab on crops as listed.

FRAC FUNGICIDE GROUP CODE: 3

**ACTIVE INGREDIENT:**

Penconazole (triazole) .....200g/ℓ

Product Information Tel no: 072 678 8226

In case of poisoning: 082 446 8946

[www.envirobiochem.co.za](http://www.envirobiochem.co.za)

Expiry Date:

Batch No:

Date of Manufacture:

**UN No. 3082**

**enviro**  
bio-chem

**Registration holder:**

Erintrade CC t/a RT Chemicals

Reg. No: CK 2001/036403/23

44 Kerk Street, Lichtenburg

North West, South Africa 2740

Tel: +27 87 231 7261



## **WARNINGS:**

**Withholding Periods:** Do not harvest the crop within 14 days of the last application.

Apples and Pears	14 days
Wine Grapes	14 days
Table Grapes	28 days

- Harmful by swallowing, inhalation and skin contact.
- May irritate skin and eyes.
- Toxic to fish and aquatic organisms.
- Keep out of reach of children, uninformed persons and animals.
- Store under lock and key, away from food and feedstuffs. Store in cool, well ventilated place. Store tightly closed and secured in original container.
- **Inflammable:** do not store or handle near open flames.
- In case of poisoning, call a doctor immediately and make this label available to him.
- **Re-entry:** Do not enter the treated field until the 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 effected by factors such as abnormal soil, climactic and storage conditions; quality of dilution water, compatibility with other substances not indicated on the label and the occurrence of resistance of the pest against the remedy concerned as well as by the method, time and accuracy of the 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 that could not have been foreseen in terms of the registration. Consult the supplier in the event of any uncertainty.**

## **PRECAUTIONS:**

- Do not inhale fungicide fumes or spray mist.
- Wear protective clothing (overall, rubber boots, gloves) when mixing and spraying.
- After use and in case of accidental skin contact, wash thoroughly with soap and water.
- In the case of eye contact, rinse eyes with clean water for at least 15 minutes.
- Wash contaminated clothing after use.
- Prevent the contamination of food, feedstuff, eating utensils and drinking water.
- Prevent drift of spray mist onto other crops, grazing, rivers, dams of areas not under treatment.
- Rinse 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 contents of the spray tank before destroying the container in the prescribed manner. Destroy the empty container by perforation and flattening and never use for any other purpose.

## **RESISTANCE WARNING:**

For resistance management, **CAPTAIN** is a group code 3 fungicide. Any disease population may contain individuals naturally resistant to **CAPTAIN** and other group code 3 fungicides. The resistant individuals can eventually dominate the disease population if these fungicides are used repeatedly. **CAPTAIN** or any other group code 3 fungicides may not control these resistant plant diseases.

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.
- Integrate other control methods (chemical, cultural, biological) into disease control programmes.

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

## **DIRECTIONS FOR USE:** Use only as indicated

### **Compatibility:**

The compatibility of **CAPTAIN** may be influenced by the formulation of the product involved as well as quality of the water. A physical compatibility test should always be carried out prior to application.

**Mixing Instructions:**

Pre-mix the required quantity of CAPTAIN with a small volume of clean water. Half fill the spray tank with clean water and add the mix while stirring. Add water to the desired spray volume. Keep the spray mixture agitated during mixing and spraying.

**Tank Mixes:** When combined with a wettable powder, first add the pre-creamed wettable powder, agitate thoroughly and then add the CAPTAIN last.

**Application Techniques:**

Apply with any high volume sprayer with efficient agitation that provides adequate coverage and even distribution on the target crops.

CROP	DOSAGE	REMARKS
<b>TABLE - WINE GRAPES</b> Powdery Mildew ( <i>Oidium tuckeri</i> )	<u>At spray intervals of 10 to 14 days:</u> 15mℓ/100ℓ water	Apply as a full cover spray to the point of run-off. Commence spraying when the first shoots are 10 to 25cm long and repeat at intervals as recommended. The spray intervals should not be exceeded. For spray intervals longer than 14 days use the higher dosage. <u>Wine grapes:</u> Increase spray volumes from 250ℓ/ha initially to reach 1 000ℓ/ha at pea-berry stage and repeat for the balance of the season at this volume. <u>Table grapes:</u> Increase spray volumes from 500ℓ/ha to 1 200ℓ/ha.
	OR <u>At spray intervals of 18 to 21 days:</u> 22.5mℓ/100ℓ water	
<b>APPLES</b> Powdery Mildew ( <i>Podosphaera leucotricha</i> ), & Scab ( <i>Venturia inaequalis</i> )	12.5mℓ/100ℓ water	Repeat sprays at the indicated intervals: Apply sprays every 7 days pre-blossom stage till the end of blossom and every 14 days during post-blossom stage.  Add 50 to 75% of the recommended dosage rate of a registered and suitable broad spectrum fungicide. <u>NB:</u> Compatibility test should be done prior to the application.
<b>PEARS</b> Scab ( <i>V. pirina</i> )		

**NOTE:** Ensure that the correct amount of fungicide is applied per hectare.

1. Tree Row Volume Formula (TRV): ℓ/ha =  $\frac{\text{Tree height} \times \text{Tree diameter} \times 937}{\text{Row width}}$

OR

2. Water required per ha according to growth stages:

Growth Stage	% High volume water requirements/ha
From greentip to 30% blossom	60%
From full blossom to mid-November	80%
From start of December	100%