

HARVEST PYRACLOSTROBIN 250 EC

Distributed by: Harvest Chemicals
 Registration Holder/Registrasiehouer Harvest Crop Solutions (Pty)Ltd.
 Reg.No. 2014/187205/07
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An emulsifiable concentrate contact and translaminar fungicide for the control of black spot on citrus and downy mildew as well as powdery mildew on table grapes.

UN No. 3082

Batch No	Reg. No. L 10934 , Act No 36 of 1947.	Reg Nr L 10934, Wet Nr. 36 van 1947.	Lot Nr
<input type="text"/>	FRAC FUNGICIDE GROUP 11	11	<input type="text"/>
Date of manufacture	Active Ingredient: Pyraclostrobin (methoxy-carbamate)	250g/l	Vervaardigingsdatum
<input type="text"/>	Nett Volume	5l	<input type="text"/>
		Netto Volume	



**HARMFUL
SKADELIK**



WARNINGS:

Withholding Period: Allow the following minimum number of days between the last application and harvest: Citrus – 45 days; Table Grapes – 28 days.

Note: The above recommended withholding period between the last application and harvest will meet the local residue requirements but may not meet export requirements.

- Handle with care.
- Harmful if swallowed.
- Irritating to eyes and skin.
- Keep out of the reach of children, uninformed persons and animals.
- Toxic to fish and aquatic organisms.
- Store in a cool dry place away from any heat source.
- Do not apply to trees in poor condition or suffering from stress.
- Re-entry Interval: Do not enter the treated area for one day after application 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 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 furthermore does not accept responsibility for damage to crops, vegetation, and the environment or harm to man or animal or for the 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:

- Avoid contact with skin and eyes.
- Do not inhale spray mist.
- Wear protective clothing, rubber gloves and eye protection when mixing.
- Wash with soap and water after use and in the case of accidental skin contact.
- Do not eat, drink or smoke while mixing and applying and before hands and face are washed after use.
- Avoid spray drift onto other crops, grazing, any water body and any area not being treated.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.
- Invert the almost empty container over the spray or mixing tank and drain for at least 30 seconds. After the flow has slowed down to a drip, rinse the container three times with volumes of water equal to a minimum of 10% of that of the container.
- Add the rinse water to the contents of the spray tank without upsetting the calibration.
- Clean the spray equipment after use. Dispose of the rinsing water where it will not contaminate crops, grazing or water bodies.

FIRST AID TREATMENT

- If swallowed, seek immediate medical attention. Show this label to the physician.
- If in eyes, wash with plenty of water for at least 15 minutes and get immediate medical attention.
- If on skin, wash thoroughly with soap and water. If irritation persists get medical attention.
- If inhaled, move the patient to fresh air and get medical attention.
- Note to physician: treat symptomatically. There is no known antidote.

RESISTANCE WARNING

HARVEST PYRACLOSTROBIN 250 EC is a group code 11 fungicide. Any fungus population may contain individuals naturally resistant to **HARVEST PYRACLOSTROBIN 250 EC** and other group code 11 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. **HARVEST PYRACLOSTROBIN 250 EC** or any other group code 11 fungicide may not control these resistant fungi.

To delay fungicide resistance:

- Avoid exclusive repeated use of fungicides from the same fungicide group code.
 - Use alternative products or tank mix with products from different fungicide group codes – refer to the individual product labels.
 - Integrate other control methods (chemical, cultural, biological) into disease control programmes.
 - For applicable information on resistance management contact the registration holder of this product.
- As an anti-resistance measure it is recommended to apply **HARVEST PYRACLOSTROBIN 250 EC** in a spray programme with other unrelated fungicides.

DIRECTIONS FOR USE

USE ONLY AS DIRECTED

- Apply **HARVEST PYRACLOSTROBIN 250 EC** as a preventative treatment with a limited curative effect.
- Apply as a full cover spray.

Compatibility

HARVEST PYRACLOSTROBIN 250 EC is compatible with mancozeb and mineral oil in citrus and mancozeb in table grapes.

Mixing Instructions

Mix the required amount of mancozeb with a small amount of water. Half fill the spray tank with clean water – add the mancozeb solution – add the **HARVEST PYRACLOSTROBIN 250 EC** – add the mineral oil (citrus only) – fill the spray tank to the desired volume. Ensure thorough agitation during mixing and spraying.
Do not leave the spray mix in the tank for any length of time, e.g. overnight.

Use Restrictions

- Apply mancozeb and mineral oil according to the registered approved label recommendations.
- Do not spray on trees or grape vines under stress or in poor condition.
- Lemons – For use on export crops and local oil production crops. Remove all fruit from the trees before the first application. Apply as recommended below.

Spray Programme – Citrus

Apply **HARVEST PYRACLOSTROBIN 250 EC** in a programme with mancozeb and light/medium mineral oil. Correct timing of application is essential for disease control.

Apply as follows (see table below):

Spray 1 – apply mancozeb at fruitset (100% petal drop).

Spray 2 – apply **HARVEST PYRACLOSTROBIN 250 EC** plus mancozeb plus mineral oil 21-24 days after Spray 1.

Spray 3 – apply **HARVEST PYRACLOSTROBIN 250 EC** plus mancozeb plus mineral oil 6 weeks after Spray 2.

Spray 4 – apply mancozeb 6 weeks after Spray 3.

If a disease infection period occurs later another mancozeb spray may be necessary 6 weeks after Spray 4.

Spray Programme – Table Grapes

Apply **HARVEST PYRACLOSTROBIN 250 EC** in a programme with mancozeb as a preventative spray before an infection period.

Apply a maximum of three **HARVEST PYRACLOSTROBIN 250 EC** treatments in a season.

Alternate **HARVEST PYRACLOSTROBIN 250 EC** sprays with fungicides in a different chemical group.

Do not apply **HARVEST PYRACLOSTROBIN 250 EC** to table grapes after the pea-berry size growth stage.

CITRUS	DOSAGE RATE per 100ℓ	REMARKS
BLACK SPOT <i>Guignardia citricarpa</i>	200 g mancozeb WP or WG	Spray 1: apply at fruitset (100% petal fall)
	10 mL Harvest Pyraclostrobin 250 EC + 150 g mancozeb WP or WG + 250 mL medium/light mineral oil	Spray 2: apply 21 to 24 days after Spray 1.
	10 mL Harvest Pyraclostrobin 250 EC + 150 g mancozeb WP or WG + 250 mL medium/light mineral oil	Spray 3: apply 6 weeks after Spray 2.
	200 g mancozeb WP or WG	Spray 4: apply 6 weeks after Spray 3.
TABLE GRAPES	DOSAGE per 100ℓ	REMARKS
Downey mildew <i>Plasmopara viticola</i> Powdery mildew <i>Uncinula necator</i>	40 mL Harvest Pyraclostrobin 250 EC + 200 g mancozeb WP or WG	<ul style="list-style-type: none"> • Apply in 500 to 1500ℓ water per ha depending on the crop growth stage. • Apply at 10 to 14 day intervals. • Apply the first spray when new shoots are 10 cm or prior to an infection period favourable for the disease development. • Do not apply more than 3 sprays. • Do not apply after the pea-berry growth stage. After this stage use a fungicide other than a Group 11 product.