

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

SHAKE THE BOTTLE WELL BEFORE USE.

Fungicide



LORE 250 SC

Reg. No. L 9732 Act/Wet No. 36 of/van 1947

1:12/2015 – June 2017

A suspension concentrate contact action fungicide for the control of diseases on crops as listed.

'n Suspensie konsentraat kontak swamdoder vir die beheer van siektes op gewasse soos aangedui.

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL
quinoxifen (quinoline) **250 g/l** kwinoksiefen (kwinolien)

FRAC FUNGICIDE GROUP CODE **13** FRAC SWAMDODER GROEPKODE



villa

Registration holder / Registrasiehouer:
Universal Crop Protection (Pty) Ltd.
Co. Reg. No. / Mpy. Reg. Nr. 1983/008184/07
PO Box / Posbus 801, Kempton Park, 1620
Tel: 011 396 2233
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UN Number: 3082

Willow Set & Print 011 394-4486



CAUTION
VERSIGTIG



GEBRUIKSAANWYSLINGS INGESLUIT

VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK

Date formulated:
Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED

REFER TO DETAILS PRINTED
ON CONTAINER/BAG

Batch number:
Lotnommer:

LORE 250 SC

Reg. No. L 9732 Act/Wet No. 36 of/van 1947

FRAC FUNGICIDE GROUP CODE / FRAC SWAMDODER GROEPKODE: 13

ACTIVE INGREDIENT / AKTIEWE BESTANDDEEL:

quinoxifen (quinoline) / kwinoksiefen (kwinolien) 250 g/l

Registration holder / Registrasiehouer:

UNIVERSAL CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1983/008184/07 Mpy. Reg. Nr.

P.O. Box / Posbus 801, KEMPTON PARK, 1620, Tel. (011) 396 2233

CAUTION / VERSIGTIG**WARNINGS****Withholding periods:**

Minimum time between the last application and harvest or feeding:	
Table and Wine grapes	21 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.

- Handle with care.
- Harmful if swallowed.
- Mild skin irritant.
- Toxic to fish and aquatic organisms.
- Store in the original container in a cool (5 to 25 °C), dry, well-ventilated place away from food, seed and feedstuffs, fertilizers and other agricultural remedies.
- 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.

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 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

- Avoid inhalation of the spray mist.
- Avoid eye and skin contact.
- Wear a face shield and rubber gloves when handling the product, preparing the spray mixture and during application.
- Wash with soap and water immediately after use and accidental skin contact.
- Wash contaminated clothing after use.
- In case of eye contamination, rinse the eyes thoroughly with plenty of clean, water for at least 20 minutes, holding the eyelid(s) open. If irritation persists obtain medical assistance immediately.
- Do not eat, drink or smoke whilst mixing and applying the product or before washing hands and face and change of clothing.
- Prevent drift onto other crops, grazing, rivers, dams, boreholes and 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.

- **TRIPLE RINSE** empty containers in the following manner: Invert the empty container over the spray or mixing tank and allow draining for at least 30 seconds after the flow has slowed down to a drip. Thereafter rinse the container three times with a volume of water equal to a minimum of a third of that of the container. Add the rinsing to the contents of the spray tank before destroying the container in the prescribed manner.
- Destroy the container by perforation and flattening and dispose of it in a safe way.
- **Do not** re-use the empty container for any other purpose.
- Prevent contamination of food, feeds, drinking water and eating utensils.

RESISTANCE WARNING

LORE 250 SC is a group code 13 fungicide. Any fungus population may contain individuals naturally resistant to **LORE 250 SC** and any other group code 13 fungicides. The resistant individuals can eventually dominate the fungus population if these fungicides are used repeatedly. These resistant fungi may not be controlled by **LORE 250 SC** or any other group code 13 fungicide.

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 such as DMI's, Strobilurines, **Dinocap** or **Sulphur**.
- for tank mixing or alternation with products in fungicide group code M, refer to applicable individual product labels,
- integrate other control methods (chemical, cultural, biological) into disease control programmes.

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

Additional notes on Resistance management:

- **Apply LORE 250 SC** in "treatment blocks" of at least 2 but preferably 3 or 4 consecutive applications.
- **DO NOT** apply **LORE 250 SC** more than 4 times per season.

USE RESTRICTIONS

- Do not apply **LORE 250 SC** in tank mixtures with products for Mealy bug control after the blossom stage of table grapes.
- **IMPORTANT** – also refer to "**Compatibility**" below.
- Certain (e.g. Sunred Seedless) sensitive table grape cultivars may be sensitive to tank mixtures of **LORE 250 SC** with other agrochemicals.
- It is recommended to confirm crop safety on a small scale on the crop to be treated prior to large scale commercial applications when tank mixtures with other agricultural products are to be applied.

DIRECTIONS FOR USE: Only use as indicated.

General properties:

The active ingredient **Quinoxifen** is an effective preventive surface-mobile contact fungicide. Following application, the active ingredient binds mainly to the epidermal waxy layers on the plant surface, thus promoting rainfastness. Re-distribution occurs by means of slow release of vapour and absorption by adjacent plant tissue (hence the term "surface-mobile"). **Quinoxifen** suppresses spore germination and development in the early stages of disease infection. As **LORE 250 SC** is a preventative product it has no curative action on established infections.

Compatibility:

- The compatibility of **LORE 250 SC** with other products may vary. A physical compatibility test must always be performed before such tank mixture is sprayed.
- Tank mixtures with **Fosetyl-AI** and related products may be problematic when **LORE 250 SC** is added after these compounds.
- **Do not** apply **LORE 250 SC** in spray mixtures with EW formulations on table grapes.
- The use of **Quinoxifen** in the past have shown possible adverse effects (e.g. blemishes on berries) when tank mixtures with the following products have been applied on sensitive table grape cultivars (e.g. Sunred Seedless): **Dimethoate 400 EC**, **Dinocap 350 EC** and **Dinocap+myclobutanil 400 EC**. It is recommended that these products are **NOT** applied on grapes in tank mixtures with **LORE 250 SC** after blossom.
- When **LORE 250 SC** is used in conjunction with any other agricultural remedy, all **WARNINGS**, **PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label, must be adhered to. The registration holder cannot be held responsible for damage to crops, resulting from tank mixtures with products or formulations not tested.

Mixing instructions:

- Half fill the spray tank with clean water.
- Shake the **LORE 250 SC** container well before use.
- Add the required quantity of **LORE 250 SC** 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.
- If a WP formulation is to be sprayed in a mixture with the **LORE 250 SC**:
 - a) pre-mix the wettable powder in a small volume clean water,
 - b) add the pre-mix into the spray tank, while ensuring agitation,
 - c) add the **LORE 250 SC** to the spray tank
 - d) fill the spray tank with water to the required level.
- If an EC/EW formulation powder is to be sprayed in a mixture with the **LORE 250 SC** first add the **LORE 250 SC**, as indicated above, followed by the EC/EW last when the spray tank is almost filled with water to the final volume.
- Prepared spray mixture must not be left in the spray tank for any length of time, e.g. overnight.

Application instructions – General

- **LORE 250 SC** can be applied with conventional high volume spray equipment as a **high volume** (till point of run-off) or a **low volume** application.
- 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.

Application instructions – Table and Wine grapes

- When applied as a low volume application on grapes do not apply less than 250 litres spray mixture per hectare and/or exceed the concentration more than 4 times compared to a high volume application.
- Ensure even coverage of leaves and, especially the bunches, the Volume Median Diameter (VMD) of the droplet spectrum must be adjusted according to the type of application concerned as indicated below:

Type of application	Recommended VMD
High Volume	150 to 250
Low Volume (2 to 4 X concentration)	100 to 175

- In both scenarios, the amount of **LORE 250 SC** per hectare, must be calculated according to the requirements for high volume application as indicated below:

Growth stage	High Volume spray mixture: litres per hectare	
	Table grapes	Wine grapes
Shoot length 2.5 cm to 25 cm	500 to 750	250 to 500
25 cm shoot length till just prior to flowering	750 to 1000	500 to 750
Flowering to pea berry stage	1000 to 1200	750 to 1000
Pea berry stage to harvest	1200 to 1500	1000 to 1200

Application timing – Table and Wine grapes

- To comply with resistance management practices, a maximum of four (4) **LORE 250 SC** treatments are recommended per season.
- For best results, apply **LORE 250 SC** preventively in a programme of at least 2, but preferably 3 to 4, consecutive applications at a 14 day interval.
- To obtain optimal results, apply during the period of bunch development (post flowering to ripening).
- Notwithstanding above mentioned period, the block of consecutive applications can be included at any stage of the total programme from 5 to 10 cm shoot length, until when berries are fully developed. It is recommended to commence the Powdery mildew control programme with 1 or 2 treatments of a product with curative action.
- If required, the total of 4 recommended **LORE 250 SC** treatments can be interrupted with a non-related registered Powdery mildew fungicide, provided that at least two (2) consecutive block treatments are applied.
- The remainder of the season's Powdery mildew programme must be done with registered, non-related fungicides.

APPLICATION RATES

Crop & Disease	Dosage rate	Remarks
Table grapes Powdery mildew (<i>Oidium tuckerii</i>)	IMPORTANT Refer to “Application instructions” and “Application timing” above.	
	25 ml / 100 l water (125 ml to 375 ml / ha)	Commence with the Powdery mildew spray programme when the longest shoots are approximately 5 cm, but not more than 10 cm, long. Apply in a “block” of 2 to 4 consecutive applications at a 14 day interval.
Wine grapes Powdery mildew (<i>Oidium tuckerii</i>)	25 ml / 100 l water (65 ml to 300 ml / ha)	Begin with a programme application against Powdery mildew when the longest shoots are approximately 5 cm, but not later than 10 cm long. Apply in a “block” of 2 to 4 consecutive applications at a 14 day interval.
Mangoes Powdery mildew (<i>Oidium mangiferae</i>)	30 ml / 100 l water	Apply in a “block” of 2 to 4 consecutive applications at a 14 day interval as part of a preventative programme with other non-related fungicides.