

SPIROTETRAMAT 240 SC

Distributed by: Harvest Chemicals
Registration Holder/Registrasiehouer Harvest Crop Solutions (Pty)Ltd.
Reg.No. 2014/187205/07
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HARVEST
CHEMICALS



A suspension concentrate systemic insecticide for the control of red scale and mites on citrus and mealybug on grapes.

'n Suspensie konsentraat sistemiese insekdoder vir die beheer van rooi dopluis en myte op sitrus en witluis op druie.

Batch No	Reg. No. L 10704, Act No. 36 of 1947.	Reg Nr 10704, Wet Nr. 36 van 1947.	Lot Nr
<input type="text"/>	INSECTICIDE GROUP CODE	23	INSEKDODER GROEPKODE
Date of manufacture	Active Ingredient: Spirotetramat (tetramic acid)	240g/ℓ	AktieweBestanddeel: Spirotetramat (tetramic suur)
<input type="text"/>	Nett Volume	5ℓ	Netto Volume
			Vervaardigings-datum
			<input type="text"/>



**CAUTION
VERSIGTIG**



WARNINGS

Withholding Period: Citrus – allow a minimum of 60 days between the last application and harvest.

- Table and Wine Grapes: Do not apply later than the pea-size berry stage of the crop.
- If the crop to be treated is intended for export, consult the relevant exporting organisation regarding the maximum residue level requirements and withholding periods. When Harvest 'Spirotetramat 240 SC' is used according to these label recommendations, the local maximum residue level will not be exceeded. The registration holder cannot be held liable for export crops exceeding the import tolerances of other countries.
- Store in a cool, dry place away from food and animal feedstuffs.
- Keep out of reach of children, uninformed persons and animals.
- May cause skin sensitisation.
- Toxic to aquatic organisms.

Effect on Beneficial Insects

Citrus: Bees – There is no risk to honeybees when the maximum recommended rate is used.

Chilocorus nigritus – harmless.

Coccidoxenoides peregrinus – harmless.

Trichogrammatoidea cryptophlebiae – harmless.

Aphytis lingnanensis – slightly harmful.

Euseius citri – harmful.

Re-entry Period: Do not enter the treated area 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 actions and effect thereof may be affected by factors such as abnormal soil, climatic and storage conditions; quality of dilution water; compatibility with other substance not indicated on the label and occurrence of resistance against the remedy concerned as well by the method, time and accuracy of 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 which could not have been foreseen in terms of the registration. Consult the supplier in event of any uncertainty. Consult the supplier in the event of any uncertainty.

PRECAUTIONS:

- Do not inhale spray mist.
- Prevent contamination of food, feedstuffs, drinking water and eating utensils.
- Wear protective clothing when handling and applying (overall, gloves, boots, eye protection).
- Wash contaminated skin thoroughly with soap and water after use. If irritation occurs, get medical attention.
- Do not allow spray drift on to other crops, grazing, rivers, dams and areas not under treatment.
- Clean spray equipment thoroughly after use.
- 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 contents of the spray tank before destroying the container in the prescribed manner. Destroy empty containers by perforation and flattening and never use for any other purpose.
- Dispose of the empty container in accordance with local and national legislation and never re-use it for any other purpose.

RESISTANCE MANAGEMENT:

For resistance management, Harvest 'Spirotetramat 240 SC' is a group code 23 insecticide. Any insect population may contain individuals naturally resistant to Harvest 'Spirotetramat 240 SC' and other group code 23 insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by Harvest 'Spirotetramat 240 SC' or any other group code 23 insecticides.

To delay insecticide resistance:

- Avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate with products from different insecticide group codes.
 - Integrate other control methods (chemical, cultural, biological) into insect control programs.
- For specific information on resistance management contact the registration holder of this product.

DIRECTIONS FOR USE

Use only as directed

COMPATIBILITY:

Harvest 'Spirotetramat 240 SC' is compatible with light to medium narrow range mineral oil that is registered for use on citrus. Read and apply label directions when using mineral oil.

- Do not spray Harvest 'Spirotetramat 240 SC' in combination with fungicides in citrus.

MIXING INSTRUCTIONS:

Half fill the spray tank with clean water and add the required volume of Harvest 'Spirotetramat 240 SC'; then fill the spray tank to the required volume. Agitate the water while mixing and spraying. Apply the mixture immediately and do not allow to stand for any length of time.

APPLICATION RATES:

CROP/PEST	DOSAGE RATE	REMARKS
CITRUS Red scale <i>(Aonidiella auranti)</i>	10 mℓ + 300 mℓ light to medium narrow range mineral oil	A two-spray application programme is recommended when there is an extended or sequential period of crawler movement or when the flowering of the crop is uneven. <u>Two applications programme</u> Apply the first treatment at the first signs of crawler movement which is normally at 80-100% petal fall or soon after. Apply the second treatment 28 days later. Apply as a full cover spray to ensure a thorough spray droplet distribution on the trees.
	OR	OR
	20 mℓ + 300 mℓ light to medium narrow range mineral oil	<u>Single application</u> Apply the treatment at the first signs of crawler movement which is normally at 80-100% petal fall or soon after. Apply as a full cover spray to ensure a thorough spray droplet distribution on the trees.
CITRUS Citrus red mite <i>(Panonychus citri)</i> Citrus rust mite <i>(Phyllocoptruta oleivora)</i> Lowveld citrus mite <i>(Eutetranychus orientalis)</i>	The red scale control programme will control these mites on citrus.	
GRAPES Mealy bug <i>(Planococcus species)</i>	10 mℓ (65-150 mℓ/ha)	High volume application as a full cover spray to ensure a thorough spray droplet distribution on the vines. <u>Two application programme</u> Apply the first treatment at the BBCH growth stages 53-57 (inflorescences clearly visible to fully developed) in 650-1500 ℓ spray mix per ha. Apply the second treatment at BBCH growth stage 75 (pea-berry size) at approximately 6 weeks after the first treatment.