

BEFORE USING THIS PRODUCT READ THE LABEL CAREFULLY!

Insecticide



CYROMAZINE 750 WP

Reg. No. L 7424 Act/Wet No. 36 of/van 1947
N-AR 1114

2: 24/11/08 - Aug2018

A wettable powder systemic insect growth inhibitor with contact and stomach action for the control of certain insect pests in crops as indicated.

'n Benatbare poeier sistemiese insekgroei-inhibeerder met kontak- en maagaksie vir die beheer van sekere insekplae in gewasse soos aangedui.

ACTIVE INGREDIENT / AKTIEWE BESTANDEEL

cyromazine **750 g/kg** siromasien

IRAC INSECTICIDE GROUP CODE **17** IRAC INSEKDODER GROEPKODE

kg

villa

Registration holder / Registrasiehouer:

Villa Crop Protection (Pty) Ltd.

Co. Reg. No. / Mpy. Reg. Nr. 1992/002474/07

PO Box / Posbus 10413, Aston Manor, 1630

Tel: 011 396 2233

Website / Webblad: www.villacrop.co.za

UN Number: 3077

Willow Set & Print 011 394-4486



**CAUTION
VERSIGTIG**



GEBRUIKSAANWYSINGS INGESLUIT

**VERWYS NA BESONDERHEDE
GEDRUK OP HOUER/SAK**

Date formulated:

Formuleringsdatum:

DIRECTIONS FOR USE ENCLOSED

**REFER TO DETAILS PRINTED
ON CONTAINER/BAG**

Batch number:

Lotnummer:

CYROMAZINE 750 WP

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IRAC INSECTICIDE GROUP CODE / IRAC INSEKODER GROEPKODE: 17

ACTIVE INGREDIENT/ AKTIEWE BESTANDDEEL:

cyromazine / siromasien..... 750 g/kg

Registration holder / Registrasiehouer:

VILLA CROP PROTECTION (PTY) LTD.

Co. Reg. No. 1992/002474/07 Mpy. Reg. Nr.

P.O. Box / Posbus 10413, ASTON MANOR, 1630

Tel. (011) 396 2233

CAUTION / VERSIGTIG**WARNINGS****Withholdings periods:**

Minimum number of days between the last application and harvest:	
Tomatoes	3 days
Potatoes	28 days

- Harmful when swallowed or inhaled.
- Irritating to eyes and skin.
- Store in a cool, dry place, away from food and feeds.
- Keep out of reach of children, uniformed 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 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 pests 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 powder or the spray mist.
- Avoid contact with skin, eyes and clothes.
- Wear a face shield and rubber gloves when handling the concentrate.
- Wash thoroughly with soap and water after application and accidental contact.
- Wash contaminated clothing after use.
- In case of eye contamination, rinse the eyes thoroughly with plenty of clean, cold water for at least 15 minutes. If irritation persists obtain medical attention.
- Do not eat, drink or smoke while mixing, applying or before washing hands and face and change of clothing.
- Prevent spray drift and/or contamination onto other crops, grazing, rivers, dams or any other areas not under treatment.
- Clean spraying equipment directly after use and dispose of wash water where it will not contaminate food, grazing, rivers or dams.
- Containers and packages must be completely emptied before being disposed of.
- Shake out thoroughly into the mixing tank and destroy the empty container thereafter.
- **Never** re-use the empty container for any other purpose.
- **Do not burn the empty container.**
- Prevent contamination of food, feeds, drinking water and eating utensils.

PRODUCT INFORMATION

- **Cyromazine** is a translaminar and systemic insect growth inhibitor that interferes with the moulting process of young larvae and prevents pupation but has no effect on adults.

- **Cyromazine** is particularly effective against *Liriomyza* leafminer species.

USE RESTRICTION

- **Do not** use in nurseries.

RESISTANCE WARNING

CYROMAZINE 750 WP is a group code 17 insecticide. Any insect population may contain individuals naturally resistant to **CYROMAZINE 750 WP** and other group code 17 insecticides. The resistant individuals can eventually dominate the insect population if these insecticides are used repeatedly. These resistant insects may not be controlled by **CYROMAZINE 750 WP** or any other group code 17 insecticide.

To delay insecticide resistance:

- avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank mix with products from different insecticide group codes,
- integrate other control methods (chemical, cultural, biological) into insect control programmes.

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

- The presence of **Cyromazine** resistant strains of the American leafminer may result in poor control.
- Where resistance occurs, avoid the build-up of American leafminer resistance against **CYROMAZINE 750 WP**.
- To avoid build-up of resistance, use an alternative registered product with different chemistry and mode of action such as **Abamectin 18 g/l EC**.

DIRECTIONS FOR USE: Use only as directed.

Scouting:

- In order to determine the time of application, it is recommended to use a scouting system and economic threshold values.

Compatibility:

- **CYROMAZINE 750 WP** is **NOT COMPATIBLE** with **Lufenuron**.
- The compatibility of **CYROMAZINE 750 WP** with other products may be influenced. As changing factors may vary, a physical compatibility test must always be performed before such tank mixture is sprayed.
- When **CYROMAZINE 750 WP** is used in conjunction with any other agricultural remedy, all **WARNINGS, PRECAUTIONS** and **DIRECTIONS FOR USE** mentioned on that label, must be adhered to.

Mixing instructions and application:

- Mix the recommended quantity of **CYROMAZINE 750 WP** in a small quantity of clean water to a slurry.
- Half fill the spray tank with clean water, add the slurry mixture and ensure thorough agitation.
- Keep the agitator running whilst the balance of the water is added to the premix in the tank.
- Ensure that thorough agitation of the mixture is maintained during mixing and spraying.

Application:

- It is important to 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.
- A mistblower or any medium or high-volume sprayer, which is equipped with an efficient agitation mechanism, may be used.
- Ensure that the application equipment is correctly calibrated and in a good working condition.

APPLICATION RATES

Crop / Pest	Dosage Rate	Remarks
Potatoes Potato leafminer (<i>Liriomyza huidobrensis</i>)	200 g / ha	High volume application: Apply as a complete full cover spray to the point of run-off. Apply in up to 600 litres water per hectare, depending on the plant size. Apply in a spray programme with Abamectin 18 g/l EC . Start with Abamectin 18 g/l EC after emergence of the crop and follow-up with CYROMAZINE 750 WP till flowering. Apply at least 2 successive sprays at 7-day intervals.
Tomatoes American leafminer (<i>Liriomyza trifolii</i>)	Apply in a spray programme. Apply when the threshold level is reached. Repeat sprays at 7-day intervals.	
	20 g / 100 l water	High volume application: Apply as a complete full cover spray to the point of run-off. Apply up to 1000 litres spray mixture per hectare or more, depending on plant size.
	20 g / 100 l water	Low volume application: The same amount of CYROMAZINE 750 WP must be used as recommended for high volume spraying.
	100 to 150 g / ha	The dosage rate per hectare for low volume application must be increased gradually from 100 g per 500 litres, 125 g per 750 litres to a maximum of 150 g per 1000 litres water. Thereafter maintain the rate of 150 g per hectare irrespective of the volume of water used per hectare.

COMMENTS FOR TOMATO USE

A higher dosage rate of 30 g per 100 litres water can be used where unsatisfactory control is observed with **CYROMAZINE 750 WP**, at the above-mentioned rates.

The dosage rate per hectare for low volume application must also be increased gradually from 150 g per 500 litres, 175 g per 750 litres to a maximum of 200 g per 1000 litres water. Thereafter maintain the rate of 200 g per hectare irrespective of the volume of water used per hectare.