

WARNINGS & PRECAUTIONS

- Avoid direct contact with eyes. In case of accidental contact immediately flush eyes with clean water.
- Wear protective clothing, rubber gloves and face shield when mixing.
- Avoid contact with skin, wash exposed hands before consuming food, drinking or smoking.
- Do not inhale spray mist. Do not eat, drink or smoke whilst mixing or applying.
- Wash hands with soap and cold water after application.
- Prevent contamination of food, foodstuffs, drinking water and eating utensils.
- Clean applicator before and after use. Do not contaminate other crops, grazing, rivers, dams and areas not under treatment with wash water.
- Store in original container in a dry area, away from food and feed stuffs.
- Rinse empty container three times with a volume of water equal to a minimum of 10% of that of the container. Add the rinsing water to the content the spray tank and do not use empty container for any other purpose.
- Use as soon as possible after sealed container is opened.
- May irritate skin and eyes.
- Keep out of reach of children, uninformed persons and animals.
- The active ingredient of *Cryptex*[®] contains virus particles.
- During storage, and when in transit, it is important to keep the cold chain intact. With time and excessive high temperatures these virus particles, like most biological organisms, become less viable leading to reduced efficacy.
- *Cryptex*[®] will remain viable for up to 24 months if stored in a cold room at 4°C.
- Do not leave the product or mixture standing in the sun.

Cryptex[®] has been proven to reduce FCM populations commercially, but it is recommended that the use of *Cryptex*[®] be part of an IPM programme to optimise efficacy.

Peel label back for enclosed instructions and detailed application information.



CAUTION
VERSIGTIG



Cryptex[®]

Reg. No. L8037, Act No. 36 of 1947 / N-AR1804

GROUP

31

INSECTICIDE

A granulovirus suspension concentrate formulation for the biological reduction of False Codling Moth Larvae (FCM) *Thaumatotibia (Cryptophlebia) leucotreta*.



 **Andermatt**
Madumbi



500ml

Active ingredient

Thaumatotibia (Cryptophlebia) leucotreta
granulovirus
(Min 2 x 10¹⁰ occlusion bodies per ml)



Registered and distributed by:

Andermatt Madumbi (Pty) Ltd

Co. Reg. No. 2009/020798/07

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Manufactured by:

Andermatt Biocontrol AG

Country of Origin: Switzerland

Founding Member:

SABO
South African Bioproducts Organisation

29.06.2021



Batch No:
Expiry date:

PEEL

Cryptex®

Reg. No. L8895, Act No. 36 of 1947 / N-AR1804

GROUP

31

INSECTICIDE

A granulovirus suspension concentrate formulation for the biological reduction of False Codling Moth Larvae (FCM) *Thaumatotibia (Cryptophlebia) leucotreta*.

Active ingredient: *Thaumatotibia (Cryptophlebia) leucotreta granulovirus* (CrleGV) with a concentration of 2×10^{10} occlusion bodies per millilitre

DISCLAIMER: 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 as well as 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 animals; 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 registration. Please consult the supplier in the event of any uncertainty.

DIRECTIONS FOR USE - USE ONLY AS DIRECTED.

COMPATIBILITY

Cryptex® contains virus particles but can be tank mixed with most pesticides as long as the pH is managed. Ensure that the final pH in the tank is in the range of 5 to 8 before the virus product is added. Tank mixes with Copper are not advisable.

MIXING INSTRUCTIONS

- Shake container well before use.
- Fill spray tank with half the required water volume and start agitator mechanism.
- Check the pH of the water, ensure pH is neutral (not lower than 5 or higher than 8. Add buffer if needed.
- Add the correct amount of product to the water in the tank at the recommended dose rate of 3.3 ml per 100 litres of water (minimum of 200 ml/ha and a maximum of 330 ml per ha)
- Apply as a full cover film spray using conventional spray equipment.

IMPORTANT POINTS TO REMEMBER

- Due to UV sensitivity it is recommended that *Cryptex*® is applied during the afternoon or evenings.
- *Cryptex*® is a suspension concentrate and the occlusion bodies should be kept in suspension.
- Mixed volumes must be applied as soon as possible and not left overnight or standing in the sun.
- Do not apply incompatible pesticides with *Cryptex*®, unless recommended.
- *Cryptex*® does not impose any risk of residues in harvested crops. There is no withholding period after treatment with this biological insecticide and crops can be harvested or used at any stage after treatment.
- Optimum efficacy of this product is dependent on application timing. If unsure about timing please consult the registration holder for advice.

REGISTERED USAGES

Application Guidelines:

Apply through conventional application systems as described in the mixing instructions. *Cryptex*[®] should be applied as a full cover film spray. FCM peaks can be detected using conventional pheromone traps.

Crop	Rates and Volume	Remarks
Avocado, Citrus, Pomegranates, Persimmons, Tree nuts (almonds, cashews, chestnuts, hazelnuts, macadamia nuts , pecans, pistachio nuts, walnuts, coconuts, Brazil nuts and pine nuts).	Apply 3.3 ml per 100 L of water (min. 200 ml – max 330 ml/Ha).	Application timing and intervals <ol style="list-style-type: none">1. 1st <i>Cryptex</i>[®] application approximately 10-14 days after the 1st main peak in FCM moth flight.2. 2nd <i>Cryptex</i>[®] application should be made within 10-14 days after second peak in FCM moth flight.3. 3rd <i>Cryptex</i>[®] application to follow the next peak in FCM moth flight.

Crop	Rates and Volume	Remarks
Stone Fruit (apricots, cherries (sweet and sour), nectarines, peaches, plums and prunes), Table Grapes	Apply 3.3 ml per 100 L of water (min. 35 ml/Ha).	Application timing and intervals <ol style="list-style-type: none">1. 1st <i>Cryptex</i>[®] application approximately 10-14 days after the 1st main peak in FCM moth flight at a dose rate of 60 ml per ha.2. 2nd <i>Cryptex</i>[®] application should be made within 10-14 days after first application at a dose rate of 35 ml per ha.3. 3rd <i>Cryptex</i>[®] application to follow the second application at a dose rate of 35 ml per ha.4. Continue with program until FCM infestation is under control.