

CRYPTOGRAN FCM

A biological solution for the sustainable management of False Codling Moth.

PRODUCT SPECS

Active Agent	<i>Cryptophlebia leucotreta</i> (CrleGV-SA)
Agent Type	Granulovirus

PRODUCT USES

False Codling Moth (FCM)
Thaumatotibia leucotreta

FCM larvae ingest **CRYPTOGRAN FCM** virus particles and become infected, resulting in the death of the larvae and release of the virus allowing it to find a new host.

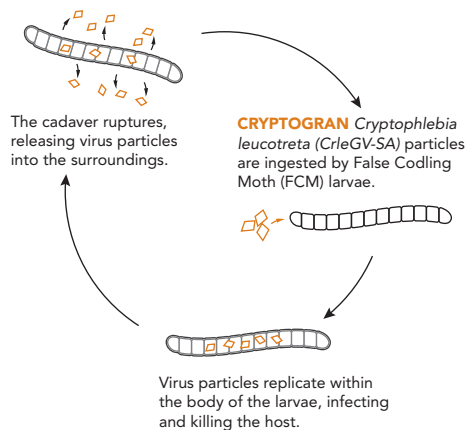
BIOLOGY

CRYPTOGRAN FCM contains *Cryptophlebia leucotreta* granulovirus (CrleGV-SA), used in the management of False Codling Moths (FCM) *Thaumatotibia leucotreta*, a pest in fruit production.

MODE OF ACTION

Following an application on the crop, **CRYPTOGRAN FCM** virus particles are ingested by FCM larvae. The protective coating around the particles dissolves in their digestive system, releasing the virus to infect the pest. Once entirely infected, the pest dies and the cadaver ruptures, releasing millions of virus particles into the environment - ready to infect other FCM larvae.

CRYPTOGRAN FCM DEVELOPMENT AND ACTION



Cryptophlebia leucotreta granulovirus (CrleGV-SA) mode of action on False Codling Moth larvae.

ADVANTAGES OF CRYPTOGRAN FCM

- › Compatible with biocontrols (natural enemies).
- › Specifically targets FCM, safe to all other organisms.
- › Secondary infection occurs in the field.
- › No resistance development.
- › No MRLs.
- › No REI and PHI period required.
- › Compatible with organic farming.

INTRODUCTION METHOD

CRYPTOGRAN FCM is applied as a spray at 10 ml per 100 litres of water with 250ml molasses and a wetter, as a full cover film spray. At least two applications of **CRYPTOGRAN FCM** per orchard per season are recommended on citrus and avocados. Use pheromone traps to determine pest pressure.

RATE SCHEDULE

	Dosage	PHI & REI
Application 1 - First generational peak of FCM.	20ml/100L water	0
Application 2 - 3-4 weeks before harvest		

BEST PRACTICE ADVICE

- › Use **CRYPTOGRAN FCM** as part of an IPM strategy with other control methods, such as biocontrols, traps, mating disruptors and cultural controls.
- › Due to the ultraviolet sensitivity of insect viruses, **CRYPTOGRAN FCM** should be applied during the late afternoon or evening.
- › Maintain water pH between 5 - 8.
- › Use FCM pheromone traps to determine pest pressure.
- › For best results, use **CRYPTOGRAN FCM** preventively to manage populations before they increase.
- › Apply **CRYPTOGRAN FCM** to susceptible crop varieties, even if pressure is low.

STORAGE

Storage temp.	4°C
Conditions	Dark and dry
Max storage time	30 months

Store upright in original unopened container.

PACKAGING

As packed
Bottle volume
1L

IPM ADVICE

Before introducing **CRYPTOGRAN FCM** to your crop it is important that the plant is clean of negative chemical residues. Please consult the Dudutech SIDE EFFECT GUIDE on dudutech.com for compatible chemicals.

If there are any questions about the product, please contact a Dudutech specialist in your area. *Registration and availability may vary by region or country. This document is intended for informational purposes only. Contact us for more information using the details below. **CRYPTOGRAN FCM** is manufactured by River Bioscience (Pty) Ltd.

