



CRYPTOMAX™

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)
Thaumototibia leucotreta

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

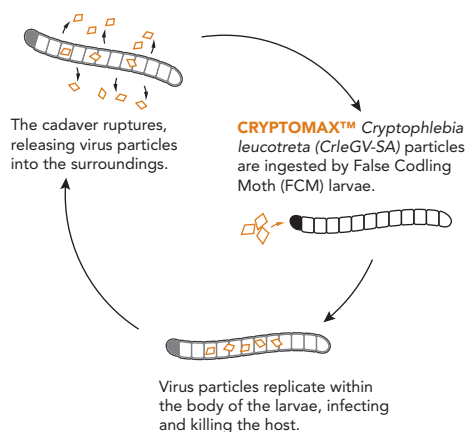
BIOLOGY

CRYPTOMAX™ contains *Cryptophlebia leucotreta* granulovirus (CrleGV-SA), a highly specific naturally occurring pathogen of the false codling moth (FCM). **CRYPTOMAX™** does not harm bees, fish, birds, beneficial insects, or wildlife. **CRYPTOMAX™** is fully compatible with an integrated pest management programme.

MODE OF ACTION

CRYPTOMAX™ 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.

CRYPTOMAX™ DEVELOPMENT AND ACTION



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

ADVANTAGES OF CRYPTOMAX™

- › 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

CRYPTOMAX™ is applied as a full cover spray in the late afternoon or evening using conventional spray equipment or with hand-held spray guns.

RATE SCHEDULE

Crop	Rate / 100L Water + wetter**	Remarks
Citrus, Avocados, Tree Nuts	10ml + 250ml molasses	Apply when the pest first occurs, and shortly after moth flight peaks. Final application 4 weeks before harvest is recommended.
	10ml + 225g powdered molasses	
	10ml + 150 or 200g mancozeb + oil	
Grapes	5ml	Every seven days from veraison.
Peaches, Plums, Nectarines	5ml	Repeat at 7-day intervals.
Peppers, Ornamentals	10ml	At least 400 litres of water per hectare. Repeat at 7-day intervals.
Berries (Blueberries, Raspberries, Strawberries)		
Pomegranates, Persimmons	10ml + 250ml molasses	Apply when the pest first occurs. Repeat at 14-day intervals.
	10ml + 225g powdered molasses	

PHI: Pre-harvest Interval = 0; ** Non-ionic organo-silicone or alkylated phenol-ethylene oxide wetters recommended.

STORAGE

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

Store upright in original unopened container.

PACKAGING

Bottle volume	1L
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SCAN TO DOWNLOAD



IPM ADVICE

Before introducing **CRYPTOMAX™** to your crop it is important that the plant is clean of negative chemical residues. Please consult the Bioline AgroSciences Africa SIDE EFFECT GUIDE on Dudutech.com for compatible chemicals.

If there are any questions about the product, please contact a Bioline AgroSciences Africa specialist in your area. **CRYPTOMAX™** is manufactured by River Bioscience (Pty) Ltd.

