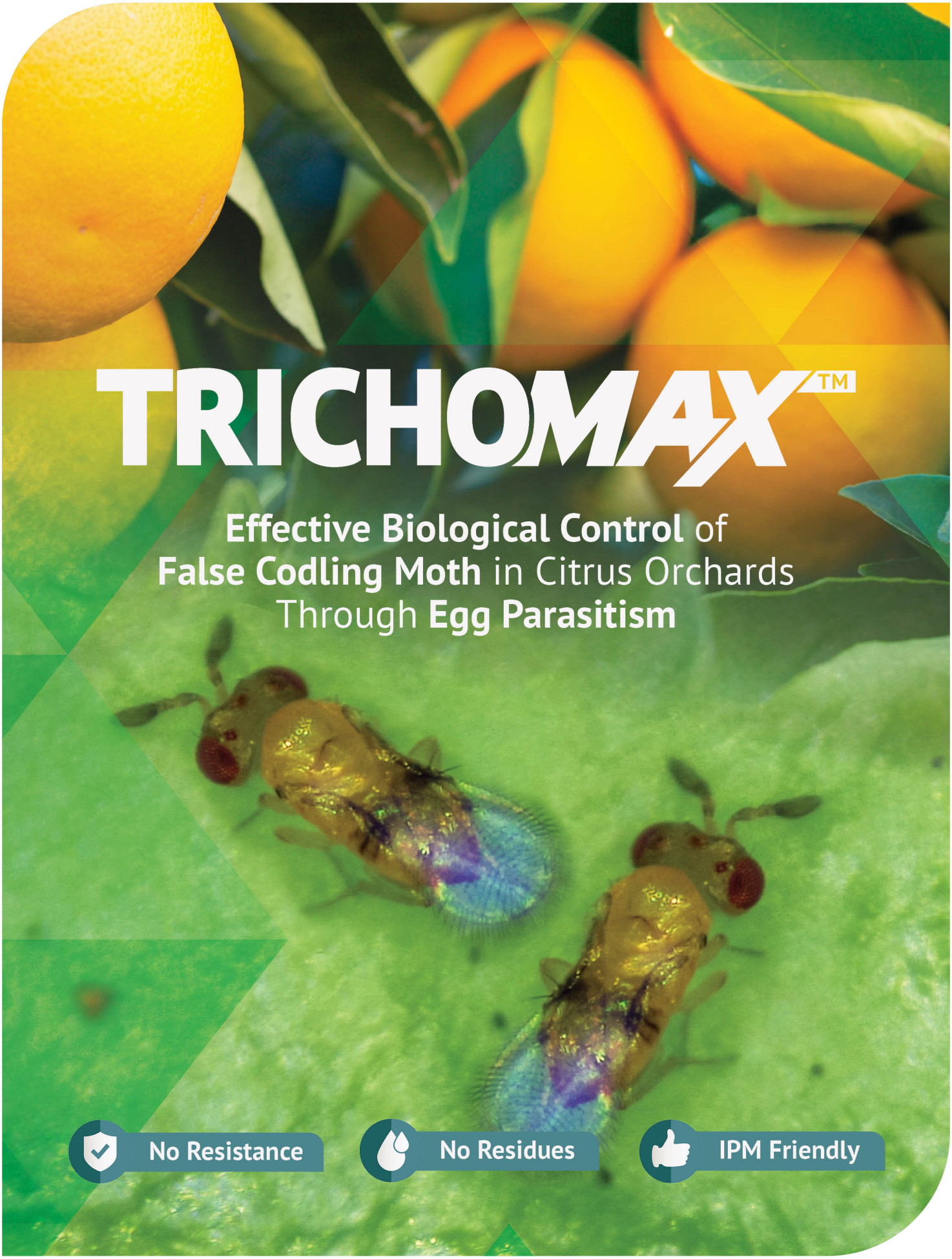
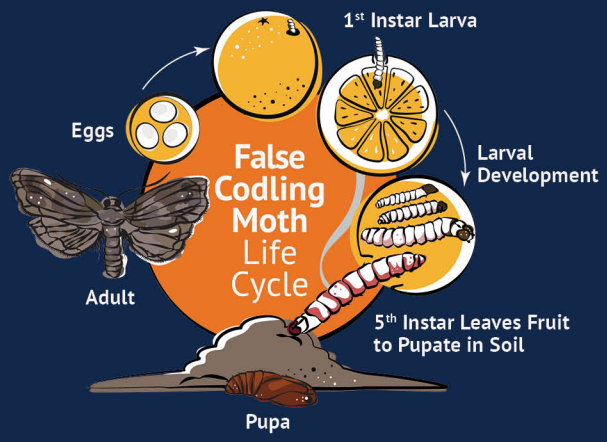


River Bioscience

River Bioscience (Pty) Ltd
www.riverbioscience.co.za
admin@riverbio.com

The Problem:

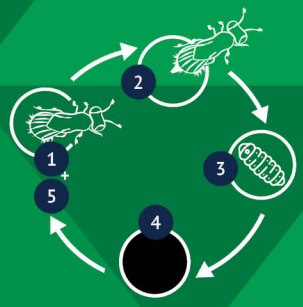
False Codling Moth (FCM) is a notorious pest for both local and international fruit producers. It damages fruit, leading to significant crop losses and reduced returns, while also creating phytosanitary challenges that can restrict exports to certain markets.



How Does FCM Damage Your Crops?

- Newly hatched larvae penetrate the fruit, often unnoticed without careful inspection.
- The feeding creates tiny entry holes, which eventually become sunken and brown as the tissue decays.
- Infested fruit typically drops from the tree 3–5 weeks after larval penetration.
- Fruit infested shortly before harvest is difficult to detect in the packhouse, increasing the risk of post-harvest decay and potential phytosanitary interceptions in export markets.

How Does TrichoMax™ Work?



1. Trichogramma wasps emerge from parasitised & sterile FCM eggs.
2. Trichogramma wasps lay their eggs in new FCM moth eggs in the orchard.
3. Trichogramma larvae feed internally on the egg.
4. Parasitised eggs become black once Trichogramma is in pupal stage.
5. Adult wasp emerges from parasitised egg.

TrichoMax™ Benefits:

IPM Friendly

TrichoMax™ has no harmful effects on parasitic or predatory insects and mites, such as ladybirds, lacewings, predatory mites etc. and can therefore be used in the implementation of IPM programmes.

Insecticide Resistance Management

TrichoMax™ has no resistance development risk. TrichoMax™ can be used in areas where resistance to conventional control measures is expected or has been confirmed.

MRL Management

There is no withholding period as there are no residues.

Environmentally Friendly

Trichogramma is a naturally occurring insect and is not harmful to the environment or other beneficial insects.



The Solution: TRICHOMAX™

TrichoMax™ is a biological product that contains *Trichogrammatoidea cryptophlebiae*, an effective egg parasitoid of FCM moth eggs.

Trichogrammatoidea cryptophlebiae are tiny beneficial wasps that has the potential to reduce FCM moth populations in citrus orchards through the effective parasitism of these moth eggs. This biological control agent can be used as a component in integrated pest management (IPM) programmes that seek to suppress infestations. The incorporation of TrichoMax™ in IPM programmes can help growers decrease pest incidence and crop loss with minimal use of synthetic chemistries, thus maximising their crop production and increasing their financial gains.

TrichoMax™ Efficacy & Trial Data:

TrichoMax™ **increased the parasitism incidence** of targeted moth species **by 34-56%** relative to natural parasitism levels.

This led to an overall parasitism rate of

80-100%

when applied at a minimum rate of **25 000 wasps/ha once every 4 weeks for 4-6 months**.

If used correctly research has shown that **TrichoMax™ can reduce FCM infestations by up to 60%.**

For a comprehensive control measure for FCM moths in your citrus orchards, pair TrichoMax™ with our granulovirus, CryptoMax™.



Disclaimer: The use of broad-spectrum insecticides can affect beneficial insects.

River Bioscience

Scan for more info

TrichoMax™ - Reg. No. L11627 Act No. 36 of 1947
NOT CLASSIFIED AS HAZARDOUS UNDER GHS | Active Ingredient: *Trichogrammatoidea cryptophlebiae*
READ THE LABEL BEFORE USE | Use only as directed
Registration Holder: River Bioscience (Pty) Ltd. | admin@riverbio.com | +27 41 373 1409 | www.riverbioscience.co.za | 5th Floor, Fairview House, 66 Ring Road Greenacres, PE, 6045

2026.08.06 v1