

SPLAT™ FCM

Control of False Codling Moth in
Orchards through Mating Disruption



Specialised Pheromone & Lure Application Technology



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The Problem:

False codling moth (FCM) is a pest species well-known to both local and international fruit producers for the damage they inflict on fruit, which can cause significant loss to crop yields and the producer's return on investment. Phytosanitary implications can have an effect on exporting fruit in certain markets.

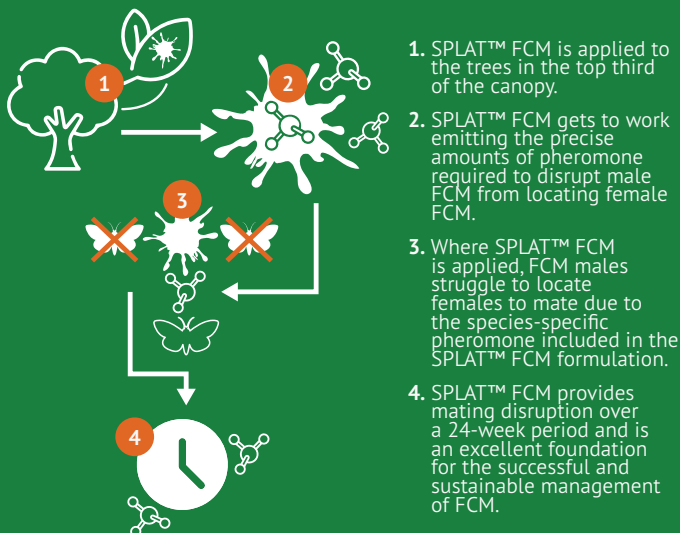
How Does FCM Damage Your Crops?

- Newly hatched larvae penetrate the fruit.
- Larval penetration holes in fruit can only be found with the aid of thorough inspection.
- On ripe fruit, penetration holes eventually become sunken and brown as damaged tissue decays.
- An infested fruit usually falls from the tree three to five weeks after penetration by a larvae.
- In the packhouse, it is difficult to identify fruit that becomes infested shortly before harvest - leading to post-harvest decay and potential phytosanitary interceptions in receiving markets.

The Solution: SPLAT™ FCM

Mating disruption is a key approach that may be used to the benefit of other control strategies. It can provide improved control alongside other control techniques within the IPM programme. SPLAT™ FCM is a uniquely formulated, non-toxic, pheromone-based product that targets FCM males. It is applied as dollops to the top layer of the tree canopy using a specialised applicator or mechanical application.

How Does SPLAT™ FCM Work?



SPLAT™ FCM Benefits:



Efficacy

SPLAT™ FCM has been proven to be as effective or more effective at pest control than conventional pesticides. However, FCM does not develop a resistance to the pheromones used in SPLAT™ FCM, eliminating the need to increase product use over time. Additionally, the product has a much longer control period of about 12 weeks (per application and recommend two applications per season), which in turn reduces costs.



Competitive Pricing

When SPLAT™ first came on the market it was substantially cheaper than competing products. However, the industry has responded by reducing their pricing to be more in-line with SPLAT™.



Rainfast

SPLAT™'s unique formulation provides rainfastness once it is dry on the foliar surface, which means that there is no need for reapplication if wet conditions persist for an extended period.



MRL Management

Using SPLAT™ FCM eliminates residue concerns as it does not require complete coverage of the crop to be effective. On average, the product is in contact with less than 1% of the crop surface area. SPLAT™ FCM will provide population suppression which consequently reduces the need for corrective chemical applications for FCM in the later part of the season.



NO Grower Effort

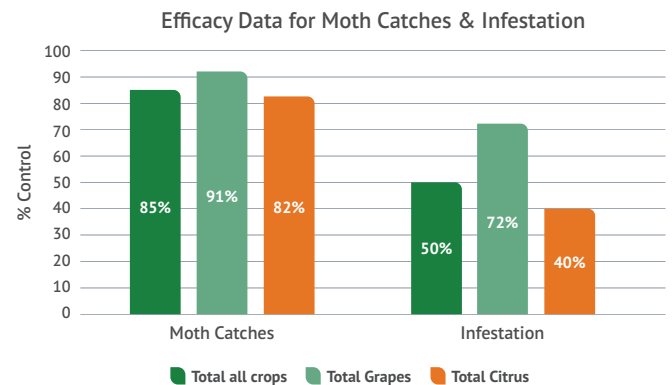
SPLAT™ FCM is applied for the grower, which reduces their reliance on labour and training. Our professional application teams enable applications to take place quickly and effectively.



Safety

SPLAT™ FCM utilises naturally occurring species-specific pheromones, which are non-toxic and completely safe for humans, the environment, and beneficial insects.

SPLAT™ FCM Results:



SPLAT™ FCM results in a **50% reduction** in infestation.

SPLAT™ FCM results in a **85% reduction** in adult moth population (based on monitoring data / trap catches).



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 info & FAQs



SPLAT™ FCM L10259
 River Bioscience (Pty) Ltd.

Active Ingredient:
 15 g Dodecenyl Acetate E8
 15 g Dodecenyl Acetate Z8 / kg
 3%