



**MATING DISRUPTOR
AGAINST FCM**

BIOCONTROL FOR

FALSE CODLING MOTH



Easy to apply

Pest specific

Season long control

No resistance



X-MATE FCM®



BIOCONTROL

ROSE/ AVOCADO



1 Device

X-MATE FCM®

BIOCONTROL

CROPS



X-MATE FCM® is an innovative mating disruption solution specifically developed to control False Codling Moth (F.C.M). **X-MATE FCM®** uses a precise blend of synthetic sex pheromones, released from a controlled dispenser over 150–180 days. Dispensers are placed in orchards to saturate the air with pheromone, preventing male moths from finding females. This stops mating and reduces pest populations. The technology leaves no residues, is safe for beneficial insects and workers, and provides season-long protection across multiple crops in integrated pest management programs.

ADVANTAGES

- Resistance Management: Prevents development of pest resistance by replacing conventional chemical control with pheromone technology.
- Safe for beneficial insects
- Highly Efficient: Single annual application saturates orchards with pheromone, disrupting mating for season-long control.
- Cycle Disruption: Stops male moths from locating females, breaking the reproductive cycle and preventing egg-laying.
- Smart Application: Works effectively in integrated pest management programs and is ideal for areas difficult to treat with sprays.

PLACEMENT

- Early-season installation: Place 40 dispensers/ha in the top third of the canopy before first moth flight (Aug–Sep), increasing density by 20% along borders
- Uniform pheromone coverage: Each dispenser covers ~250 m², saturating the orchard to disrupt male moth orientation and prevent mating.
- Long-lasting control: Single application protects for 5–6 months, effective even in wet conditions.
- Residue-free & resistance-safe.

BENEFITS



Non-Phytotoxic
Safe for crops/fruits



Cost effective



Eco-friendly
Lowers ecological disruption



Doesn't kill Beneficial Insects

CROP	APPLICATION		HOW TO APPLY
Roses	40 dispensers per Ha	Effective for 5 months	Apply the dispensers in the top third of the tree for maximum exposure
Avocado	40 dispensers per Ha	Effective for 6 months	

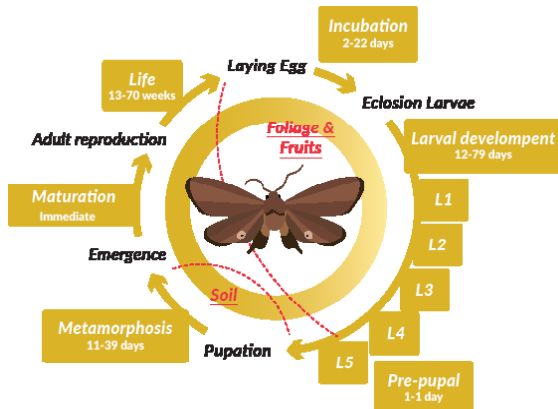
*Increase the number of dispensers by 20% in a strip along the border.

PACKAGING

1 Device
Formulation: **Ready-to-use pheromone dispenser**

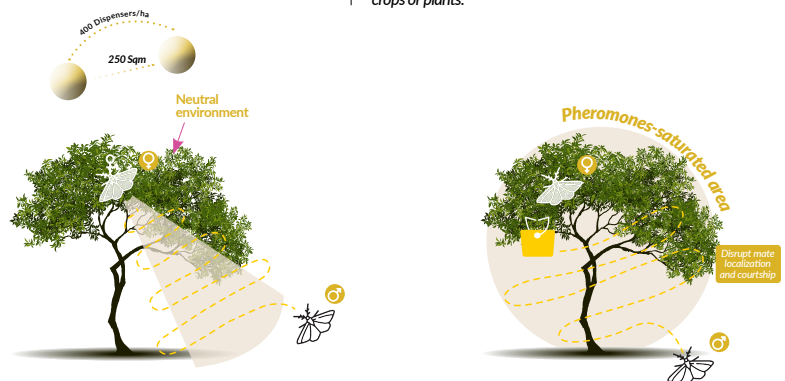
MORE INFORMATION

FCM Life Cycle



How does mating disruption work?

Mating disruption is a targeted, non-toxic, safe and environmentally friendly solution that leaves zero residue on crops or plants.



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