



## FRUITFLY - ENEMY™

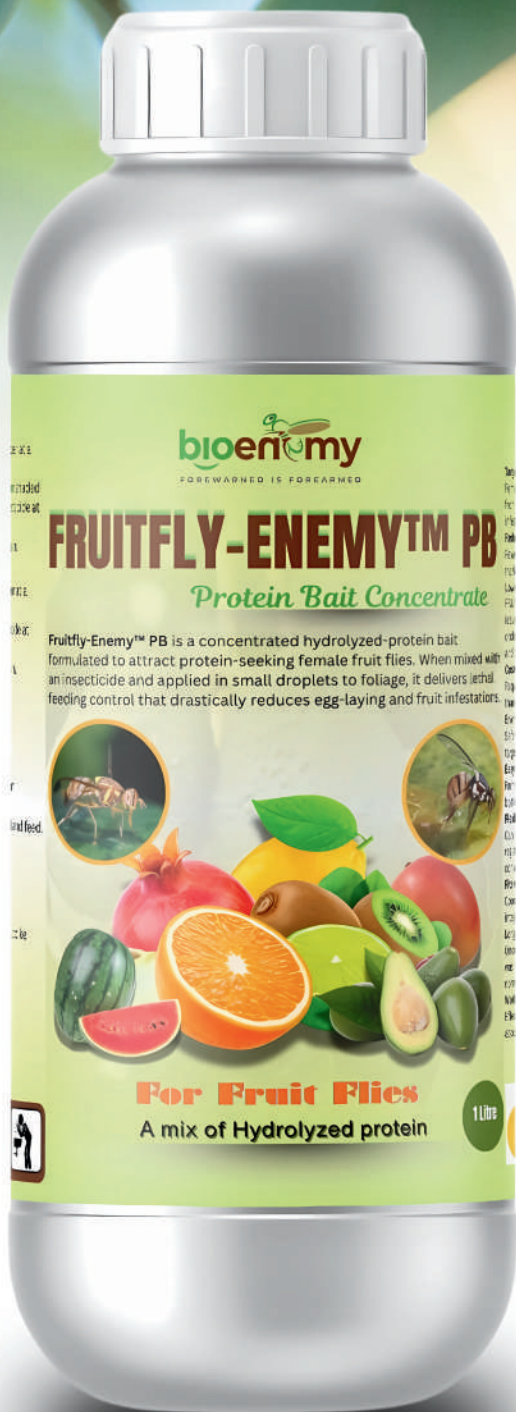
*Trap both sexes. Protect your harvest.*

- ✓ Attract Male and Female Fruit Flies
- ✓ Less Labour Intensive
- ✓ Target Specific
- ✓ Active Season Long
- ✓ Cost Effective



**Fruitfly - Enemy™ FTS is the female-targeted trap system that uses a kairomone delivered from an engineered controlled-release cartridge to emit a steady, field-effective scent that specifically draws egg-laying female tephritid fruit flies into the reusable trap. The cartridge is replaceable and typically remains attractive for 90–120 days**

# FRUITFLY-ENEMY™ PB



**Fruitfly-Enemy PB** uses a food-derived kairomone (hydrolysed protein) to lure female tephritid flies to tiny droplets placed on foliage. When these droplets are mixed with a registered insecticide, feeding females ingest the toxicant and die – delivering highly targeted control of egg-laying adults while minimizing overall pesticide use and residues on fruit.

**Spot spray:** Mix **Fruitfly-Enemy™ PB** with water at a ratio of 1:1.

- Apply three 20–30 ml droplets per tree on shaded foliage (underside of leaves). Add an insecticide at the stated rate .
- Reapply every 7–14 days or after heavy rain.

**Broadcast:** Mix **Fruitfly-Enemy™ PB** with water at a ratio of 1:2.

- Apply 2–4 L diluted PB/ha. Add an insecticide at the stated rate .
- Reapply every 7–14 days or after heavy rain.



✓ Reduces fruit damage

✓ Lower pesticide use

✓ Environmentally friendly

✓ Cost-effective

✓ Targets females

✓ Easy to apply

# Male Lures & Male Annihilation

## BACTRO-ENEMY™



### Bactro-Enemy™

**Bactro-Enemy™** uses a precision Attract-and-Kill strategy to suppress *Bactrocera dorsalis* male populations. Each unit consists of a porous wooden block impregnated with Methyl Eugenol A 931, a powerful long-distance male attractant, and deltamethrin, a fast-acting contact insecticide.

The wooden matrix slowly releases the methyl eugenol, drawing males toward the source. Upon contact with the block's surface, they absorb a lethal dose of deltamethrin and die. This disrupts mating cycles, collapses the breeding population, and prevents the next generation of larvae from damaging fruit.

### Why Bactro-Enemy™?

**High Selectivity:** Bactro-Enemy™ is species specific, and targets *Bactrocera spp.* only.

**Eco-Friendly:** 100% natural pheromone blend, can be used for organic farming.

**Long-Lasting:** Effective lure activity for up to 8 weeks per dispenser.

**Easy Deployment:** Pre-charged dispensers fit standard delta traps—no extra tools.

**Proven ROI:** Achieve higher marketable yields by cutting infestation rates,

**Labor & Cost Savings:** Pre-baited, ready-to-use traps eliminate the need to mix or apply baits on-site.



# CERATITIS-ENEMY™

**Ceratitis-Enemy™** is a state-of-the-art attract-and-kill lure formulated specifically for male *Ceratitis capitata*. Each wooden block is precision-impregnated with Cue-Lure 971, a potent parapheromone that mimics the natural male attractant profile, combined with a micro-encapsulated Deltamethrin matrix (100 g/L) for instantaneous knockdown on contact. The polymer-treated block ensures a controlled release of active ingredients, maintaining optimal release rates across a broad range of field temperatures and humidity. The robust wooden substrate provides structural integrity, resisting mold and degradation for the full 8-week deployment period.

## Why Ceratitis-Enemy?

**Targeted Action:** Specifically formulated to attract and kill male *Ceratitis capitata*, disrupting the mating cycle and reducing population pressure.

**Fast Knockdown:** Combines Cue-Lure with Deltamethrin 100 g/L for immediate lethal effect upon contact.

**Long-Lasting Performance:** Effective for up to 8 weeks in the field with consistent release rates.

**Field-Tested Efficacy:** Captures up to 85% more males than standard parapheromone lures.

**Labor-Saving:** No mixing required—just unwrap and deploy in any Lynfield-style trap.

**Integrated Pest Management (IPM)-Friendly:** Compatible with other trapping and baiting systems, suitable for organic and conventional programs.


**Low Non-Target Impact:** High specificity for *Ceratitis capitata* males minimizes harm to beneficial insects.

**Economic Advantage:** Reduces fruit damage and post-harvest losses, lowers chemical spray frequency, and helps maintain export market access.



Mediterranean fruit fly  
(*Ceratitis capitata*)

## CERATITIS-ENEMY™

Turn the Tables on the Medfly   
Attract, Kill, and Protect Your Orchard

# MELONFLY-ENEMY™

**Melonfly-Enemy™** is a ready-to-use, slow-release wooden block lure designed for the monitoring and mass trapping of male *Zeugodacus cucurbitae* (melon fly). It contains Enriched Ginger Oil (EGO), a natural zingerone-rich male attractant, combined with Deltamethrin 100 g/L, a fast-acting contact insecticide.

Encapsulated in a biodegradable wooden matrix, this attract-and-kill solution offers a sustainable, pesticide-reducing approach to managing melon fly populations in cucurbit and fruit crops.

## Why Melonfly-Enemy?

**Targeted Action:** Specifically formulated to attract and kill male *Zeugodacus cucurbitae*, disrupting the mating cycle and reducing population pressure.

**Fast Knockdown:** Combines Enriched Ginger Oil with Deltamethrin 100 g/L for immediate lethal effect upon contact.

**Long-Lasting Performance:** Effective for up to 8 weeks in the field with consistent release rates.

**Field-Tested Efficacy:** Captures up to 85% more males than standard parapheromone lures.

**Labor-Saving:** No mixing required—just unwrap and deploy in any Lynfield-style trap.

**Integrated Pest Management (IPM)-Friendly:** Compatible with other trapping and baiting systems, suitable for organic and conventional programs.

**Low Non-Target Impact:** High specificity for *Zeugodacus cucurbitae* males minimizes harm to beneficial insects.

**Economic Advantage:** Reduces fruit damage and post-harvest losses, lowers chemical spray frequency, and helps maintain export market access.



**STOP THE STING BEFORE IT STARTS.  
TAKE CONTROL WITH MELONFLY-ENEMY.**



## Male Traps



*Lynfield/Container trap.*



*Jar Trap*

### Trap Density

4 - 5 traps per hectare for monitoring.  
10-16 traps per hectare for mass trapping.

### Optimal Trap Placement

**Height:** Suspend traps 1.5 m above the ground to ensure unobstructed airflow and even dispersal of the pheromone plume throughout the canopy.

**Clear Entry:** Position each trap so that entry slots are free from nearby branches, leaves, or other objects that might block fly access.

### Trap Maintenance

- Inspect the traps on a regular basis.
- Replace the wooden block every 8 weeks to achieve optimum results.

### Pro Tips for Maximum Efficacy

- **Rotate Trap Locations:** Slightly shift trap positions within blocks at each servicing to intercept flies moving through different flight paths.
- **Combine with Sanitation:** Pair trapping with regular removal of fallen or damaged fruit to eliminate breeding sites.