

# QUEENSLAND FRUIT FLY

# “WHAT CAN I DO?”

**Manage Qfly in and around your orchard to produce clean, marketable fruit.**

## HYGIENE

Orchard hygiene is a critical component of IPM, and has benefits for the management of Qfly;

- Clean up postharvest to reduce new generations of fly
- Remove all fruit from trees after harvest
- Dispose of infested fruit appropriately
- Remove any unwanted or unmanaged trees (this includes wind breaks or other non-crop trees)
- Make sure infested fruit is not brought into your property.

## MONITOR

Monitoring all year round using fruit fly traps has multiple benefits;

- To indicate trends in fly populations
- To reveal when spring emergence occurs
- To see if management is working or not
- To discover where flies are coming from

**NOTE:** Trap catches can't tell you how many flies are in the orchard, or if fruit are infested.

## AWM

Area wide management (AWM) is an approach to pest management that considers and manages all pest habitats using a suite of available tools; to prevent fly re-entry onto orchards and to reduce regional populations.

Key considerations are;

- Know your pest – the biology and behavior
- Know your land – climate, habitat and hosts
- Know your neighbours – who can help

## BAIT

Newly emerged flies are attracted to protein; female flies need a protein source to mature. Bait sprays include a protein source and a toxicant.

- Different protein sources and toxicants are available
- Sprays must be regular and continuous
- Apply sprays at canopy height (where flies are) avoiding fruit
- Apply early (6 weeks prior to harvest) in Spring, Summer and Autumn
- Reapply after rainfall
- Thickeners can improve longevity of bait sprays
- Keep a record of bait sprays conducted and follow label instructions

## MAT

MAT is the Male Annihilation Technique, targeting male flies through the use of a male-attractant and a toxicant.

- Different MAT products are available
- MAT products should be renewed every 3 months
- Use MAT from spring emergence of flies (eg. In August, November, February)
- Place MAT at a density of 10-20/ha (and on perimeters at 20m spacings)

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