

# Queensland Fruit Fly

Management challenges

To produce clean, marketable fruit



## Managing Qfly across a region can be challenging;

- **Qfly are polyphagous;** the flies are capable of laying eggs into the fruits of many different plant types; they have a very large host range.  
This means Qfly are a problem to many of the horticultural industries we have in Australia. Qfly could be present not just on your property but also on your neighbours - even if they are growing something different. Urban areas provide host plants for Qfly too. That's why an area wide approach is ideal, it considers everywhere that Qfly might be.
- **Qfly are mobile;** the flies are capable of moving (short distances only).  
This means that even with appropriate management within an orchard the flies can still be close by (and fly in from surrounding orchards, native vegetation or urban fruit trees). Extra resources are required to approach fruit fly management on an area-wide or regional basis. Be proactive and look around for where Qfly might be, work with your neighbours so that everyone benefits.
- **Qfly are multivoltine;** the flies can have multiple lifecycles each year.  
This means they can be a problem to manage because there could be different life stages to manage, and incomplete management impacts on the ability to keep fly numbers down. In some horticultural production regions, Qfly could have up to 5 generations a year, so management throughout the season is important; from before flies emerge through to postharvest clean up.
- **Qfly have a large geographic and climatic range;** the flies are present throughout parts of the Eastern states of Australia, except Tasmania.  
Qfly survive under a range of temperatures and conditions. Do you have conditions suitable for Qfly? Check and see if there are flies being detected in your region. If so, be proactive and manage early even if you haven't seen any flies yourself.

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