

# Guideline

## Fruit fly landholder self-baiting: Naturalure®

### What is happening?

In response to Queensland fruit fly outbreaks, PIRSA is working with commercial Riverland growers toward eradication.

To support this, PIRSA is supplying free bait to commercial growers in red outbreak areas (1.5km around a confirmed fruit fly detection). PIRSA will continue treating areas 200m around a confirmed fruit fly detection.

Please visit [fruitfly.sa.gov.au/outbreak-map](https://fruitfly.sa.gov.au/outbreak-map) to check if your property is inside a red outbreak area.

### Which produce is at risk from fruit fly?

Some common produce at risk from fruit fly include:

- citrus
- stone fruit
- pome fruit including quinces
- grapes
- avocado
- tropical fruits and some fruiting vegetables including tomato, eggplant, capsicum, chili.

Please check the longer list at [fruitfly.sa.gov.au/outbreak-restrictions/fruit-and-vegetables-at-risk](https://fruitfly.sa.gov.au/outbreak-restrictions/fruit-and-vegetables-at-risk)

### Queensland fruit fly behaviour during late winter / spring

Fruit flies become active in late winter / early spring and baiting from 1 August 2022 is a critical part of the eradication program.

In addition to the list above, fruit fly also feed and rest on the leaves of a range of other trees, for example almonds. Baiting needs to target these trees, including any forming shelter belts or tree lines on properties, *as well as* those at risk from fruit fly stinging (laying eggs in) their fruit. This will give the best chance of eradicating fruit fly from the Riverland.

### Almond pollination

Care needs to be taken when applying bait during almond pollination season to minimise honey bee impacts. Please follow the guidelines provided to you, and also available on the fruit fly website:

[fruitfly.sa.gov.au/industry-support/growers/self-baiting-program/baiting\\_during\\_pollination](https://fruitfly.sa.gov.au/industry-support/growers/self-baiting-program/baiting_during_pollination)

**IMPORTANT:** *The following information is of a general nature and is not intended to replace the Product Label and SDS for Naturalure®. Those documents should be read in full and followed closely when applying bait.*

**Before applying bait read the full Naturalure® label or off-label permit and apply as directed.**

## Bait application - Naturalure®

- Dilute Naturalure® concentrate with water (see recommended rates below)
- Apply as either a band spray to the lower canopy of fruiting plants or as a spot spray to foliage.
- Take care to avoid spraying fruit as it may cause blemishing.
- In weekly spray programs, alternate tree or crop rows.
- Re-apply if rain washes bait off the foliage.

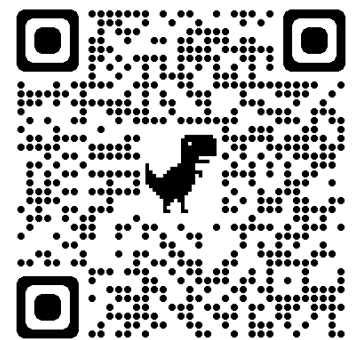
<p><b>Band spraying (lower canopy)</b></p> <p>Read the Naturalure label: <a href="http://bit.ly/NaturalureLabel">bit.ly/NaturalureLabel</a></p> <ul style="list-style-type: none"><li>• Mix 1 part Naturalure® Fruit Fly Bait Concentrate to 6.5 parts water.</li><li>• Apply in a 1m wide band to the skirt of trees.</li><li>• Apply to one side of every row or every second row of trees.</li></ul>	<p><b>Spot spraying (foliage)</b></p> <p>Read the off-label permit: <a href="http://permits.apvma.gov.au/PER80719.PDF">permits.apvma.gov.au/PER80719.PDF</a></p> <ul style="list-style-type: none"><li>• Mix 1 part Naturalure® Fruit Fly Bait Concentrate to 4 parts water.</li><li>• Apply to trees and foliage according to the off-label permit (PER80719) as coarse spots of 40ml per spot, at a maximum rate of 120 spots per hectare.</li><li>• Distribute spots evenly throughout the orchard for optimal effectiveness.</li></ul>
<p><b>Shelter belt trees or tree lines (either band or spot spraying)</b></p> <ul style="list-style-type: none"><li>• Apply at a height of 1.5-2m to target the areas where fruit fly forage.</li><li>• Baiting for fruit fly control should also be supplemented by good orchard management practices including prompt picking of ripe fruit, and removal and/or treatment of fallen and/or rotting fruit. This is essential to break the fruit fly life cycle.</li></ul>	

## Baiting record requirement

As a condition of receiving Naturalure® from PIRSA, you are required to submit a weekly baiting record detailing spray activity.

There are two ways to do this.

- Preferred: complete and submit your baiting record online by scanning this QR code or visit [form.jotform.com/221097193068055](http://form.jotform.com/221097193068055)
- Secondary option: complete the hard copy baiting record you received with your bait and return it in person each week to PIRSA at the Loxton Research Centre, 1801 Bookpurnong Road, Loxton or email a photo or PDF copy to [fruitfly@sa.gov.au](mailto:fruitfly@sa.gov.au)



## More information

For market access enquiries

- email [MarketAccessRenmark.aaslocal@sa.gov.au](mailto:MarketAccessRenmark.aaslocal@sa.gov.au)
- call the Industry Hotline on 1800 255 556.

For general fruit fly information

- visit [www.fruitfly.sa.gov.au](http://www.fruitfly.sa.gov.au)
- call the Fruit Fly Hotline on 1300 666 010.