

Naturalure Bait Spot Spray for Queensland Fruit Fly

Using Naturalure™ Fruit Fly Bait Concentrate (Naturalure) as a bait spray on QFF host plants is a vital component of the QFF control program. Failure to correctly implement a Naturalure bait spraying program has potential for fruit grown in the Greater Sunraysia to be infested with QFF.

Bait spraying using Naturalure is the most common method used by growers undertaking a Grower Treatment Program (GTP). Naturalure bait spraying may be carried out using dilute method (mixing 1 L/ha of Naturalure concentrate with 6.5 litres of water), and by applying it as either bait spots or bands.

Bait spot spraying using dilute Naturalure is the most common method used by growers.

Growers who have mixed and used Naturalure previously will know that it is unlike any other chemical that they have used, and it is vital that all of the requirements for application are met to achieve a successful result.

Before using any chemical, growers should familiarise themselves with the product label and the Directions for Use. Attached to this document is a copy of the current Naturalure Fruit Fly Bait Concentrate label, so you can read and understand it at your leisure before you need to use it.

There are six critical factors for a successful Naturalure baiting program that each work together to ensure the best possible chance of success.

For information and assistance with any issue related to chemical use, including help with your calculations contact Jo Robinson on **0439 206 561** (during business hours only)

The six critical factors in using Naturalure as dilute bait spots are:

1. **Correct timing** - Application of Naturalure should begin as soon as monitoring indicates flies are present and fruit is at a susceptible stage. Apply Naturalure at seven day intervals.
2. **Correct dilution** - Naturalure is to be applied as 1 part Naturalure product to 6.5 parts water. This is equivalent to 5 litres of Naturalure in 32½ litres of water or 10 litres of Naturalure in 65 litres of water.
3. **Correct rate** - The use rate of Naturalure is 1 litre/ha. This means that 1 litre of the Naturalure product must be applied to each hectare of host plants.
4. **Correct spot volume** - The correct spot volume is 50 mL/spot, and each spot should cover about 1 square metre of foliage.
5. **Correct number of trees treated** - The correct number of trees to be treated is 150 trees/hectare. These spots must be evenly spread throughout the block. Work out your number of trees per hectare by multiplying the number of trees down 100 m of a row with the number of rows in 100 m. Then use the table on the next page to assist in planning a baiting grid.
6. **Keeping records** - It is vital to make and keep accurate records of your chemical use as part of the GTP. It is possible that our export market partners may require us to verify chemical use as part of the GTP as they have in other industries.

If you would like to receive this information/publication in an accessible format (such as large print or audio) please call the Customer Service Centre on 136 186, TTY 1800 122 969, or email customer.service@dpi.vic.gov.au.

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