

Guideline

Fruit fly landholder self-baiting: Entrust application in grapevines and stone fruit

The Department of Primary Industries and Regions (PIRSA) is responding to a number of Queensland fruit fly outbreaks in the Riverland and wants to work with commercial growers to assist with the eradication effort.

To support this, PIRSA will supply Entrust free to commercial growers in outbreak areas to mix with their Sulphur sprays for grapevines and stone fruit orchards. PIRSA will continue to treat areas 200m around a confirmed fruit fly detection.

Check if you're in a red outbreak area by searching your address at fruitfly.sa.gov.au/outbreak-map

How to register your vineyard for the self-baiting program

If your commercial property is within a red outbreak area, scan this QR code or visit the PIRSA website to register: www.fruitfly.sa.gov.au/industry-support/growers/self-baiting-program.



When collecting the Entrust you will need to provide a map to PIRSA of the area you will be spraying.

Entrust

Entrust is a contact and ingest organic insecticide which can be added to sulphur sprays (e.g. Microthiol and Thiovit Jet) when treating grapevines and stone fruit. To break the life cycle of fruit fly, apply once every 4 weeks, to a maximum of 4 applications per season.

Entrust is legal to use in grapevines and stone fruit under SA legislation despite the label not listing fruit fly as a target pest (registered for Light Brown Apple Moth in tree crops).

Recommended rates

- Mix Entrust with Sulphur for spraying at the rates recommended for Light Brown Apple moth on grapes of 20ml per 100L.
- Can be applied as a tank-mix with sulphur and other fungicides however, there is little information on incompatibility issues so performing a basic 'jar test' prior to spraying is suggested. To do this -
 - mix up a jar at the same rate as the chemicals being applied and leave to stand until the solution settles,
 - during this time monitor the jar to determine if any of the chemicals drop out of solution,
 - if no chemicals drop out of solution, then further test the solution by applying some of the mix to foliage and fruit to see if damage occurs over the next 24hrs.
- **IMPORTANT:** restrictions apply on the use of Spinosad (the active ingredient in Entrust) for some winegrape crops which may affect the dates at which applications can be made. Growers should check the Product Label and with their receiving winery to ensure that these requirements are met.
- Commence application of Entrust after fruit set to avoid impacts on bees and other pollinating insects.
- Re-apply if rain washes insecticide off the foliage.
- Record applications in your standard spray diary and upload this diary weekly via the link provided when registering for the self baiting program.

PLEASE NOTE: This information is of a general nature and is not intended to replace the Product Label and SDS for Entrust. Those documents should be read in full and followed closely when applying insecticide.

More information

For market access enquiries

- email MarketAccessRenmark.aaslocal@sa.gov.au
- call the Industry Hotline on 1800 255 556.

For general fruit fly information

- visit www.fruitfly.sa.gov.au
- call the Fruit Fly Hotline on 1300 666 010.