



Baits for Pest Control

Niab Agronomist Day 2025

Michelle Fountain and the Pest and Pathogen Ecology Team

SWD bait

- [Probandz: An Insect Bait Adjuvant for Fruit Flies – YouTube](#)
- 5% : 1L ProBandz® per 20L spray
- low water volume:
 - 40L spray volume/hectare for soft fruit;
 - 80L spray volume/hectare for tree fruit
- insecticide <50% of full recommended label rate /ha
- direct spray in band, covering 4-8% of crop canopy
- away from fruit
- reduces the use of insecticides, labour, water and fuel



	Bait Spray	Full rate spray
Nozzle Type	Lechler nozzle type IDK 120-015	Orange Albuz hollow cone
Droplet Size	340 micron	154-225 microns
Spray cover	20 cm band	Entire canopy
Water volume	40 L/ha	500L/ha



Other considerations

- Seymour tabletop sprayer fitted with additional spray nozzles (1 per tabletop row)
- low volume cone jet to deliver 50 litres/ha at 1.5 bar pressure
- additional pressure regulator was fitted
- spray solution was supplied from an auxiliary valve already fitted to the sprayer
- forward speed is circa 5 km/hr

• Spinosad



• Cyantraniliprole



• Hallmark



• Legal requirements

• Export

• Rotation of product - resistance



Earwig trapping on tabletop strawberry

- <https://russellipm.com/new-brochure-earwig-solutions-for-tabletop-strawberry-growers/>

Prevent

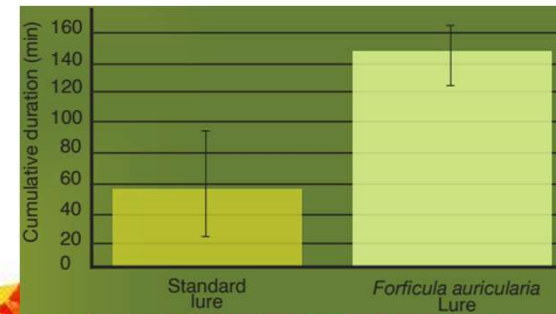


Monitor



Release – apple/pear orchards

- scale insects
- psyllids
- codling moth
- leaf curling midge
- WAA

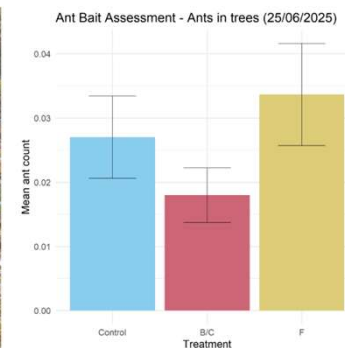


Ant baits for rosy apple aphid



Sugar feeding of the common black ant, *Lasius niger* (L.), as a possible indirect method for reducing aphid populations on apple by disturbing ant-aphid mutualism

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Cheshire Wildlife Trust



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