



## Hortus Technical Services

Hortus Technical Services is an independent agronomy company dedicated to providing efficient and cost-effective integrated pest management strategies to growers.

Due to overuse or inappropriate use of agricultural chemical the incidences of chemical resistance among pests and diseases are steadily increasing and are now common place . As the few remaining effective chemicals are used more frequently, so the risks of resistance developing to these remaining chemicals increases.

As a result, more growers are turning to alternative control options. The agronomists at Hortus are able to provide growers with a range of biological pest management options to better control pests using integrated pest management.

Hortus has a number of biological products available to growers for a wide array of pests, including:

- **Macadamia Nutborer**
- **Heliothis**
- **Silverleaf Whitefly**
- **Thrips**
- **Two-Spotted Mite**
- **Red Scale**
- **Aphids**
- **Queensland Fruit Fly**

### Fruit Fly Lure

#### Salt-free Protein Solution

Fruit Fly Lure is an autolysed protein solution available to fruit growers to combat Queensland and Mediterranean Fruit Fly. It attracts male and female flies, especially immature female flies.

Mixed with an insecticide and containing no salt, this product offers a viable control option combined with a reduced risk of leaf or fruit burn.

There has been significant control of fruit fly achieved in avocado, citrus and passionfruit crops. When used in conjunction with cover sprays, Fruit Fly Lure has also been successful in stone fruits and guava.



*Mature Queensland Fruit Fly*

#### APPLICATION

In order to control Queensland Fruit Fly, baiting sprays should be applied 2 weeks before the fruit becomes susceptible to fruit fly damage. From the initial spray, further sprays should be applied 7-10 days, up until harvest. In the event of wet weather, sprays should be increased to twice a week. Furthermore, overhead irrigation should be timed to not conflict with baiting sprays. In cold weather, fruit fly pressure may drop and sprays can be reduced or stopped until weather conditions heat up.

#### Application Rates:

- ❖ Tree Crops – 60mL/ tree should be applied to the foliage and trunk of a host tree
- ❖ Vines/Trellised Crops – 15-30L per hectare



*Fruit Fly Lure*

#### BENEFITS

- ❖ After cover sprays, there can be a surge in secondary pests such as mites and scales. Baiting provides a viable alternative to conventional sprays and is less harmful to beneficial insects. It is able to be applied as part of an integrated pest management system
- ❖ Considerably less product is applied to the paddock, resulting in reduced costs
- ❖ Fruit Fly Lure is an environmentally sound alternative; there is reduced chemical application and drift effect.
- ❖ Application can be directed away from fruit, reducing chemical residue issues
- ❖ Reduced hazard to operators

#### DELIVERY

Fruit Fly Lure is available in a number of different volumes: 250ml, 1L, 2.5L, 5L and 15L. The product can be ordered online and delivered.

#### INTERESTED?

Contact your local Hortus Technical Services for information concerning costs and distribution.  
Ph 07- 4132 5000