



## 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 Traps and Wicks

#### To control Male Queensland Fruit Fly

Made from a durable plastic, Fruit Fly Traps and Wicks are an effective way to control and assess male Queensland fruit fly populations. The wicks are made up of cotton, impregnated with a cue lure (sex attractant) and an toxicant to kill the fly after contact. The attractant radius of the wicks and traps is approximately 400m and the flies are killed upon contact with the wick.

If there is an interest in assessing the population of fruit flies in the area, the wicks can be combined with Fruit Fly Traps. These plastic structures attach to the wick and prevent the flies from escaping before dying.



*Fruit Fly Wick and Trap*

### BENEFITS

- ❖ Where Fruit Fly Lure is primarily attractive to female flies, Fruit Fly Wicks lure male flies
- ❖ Used in conjunction with Fruit Fly Lure, an effective control system can be developed for overall Queensland fruit fly control
- ❖ The volume of chemicals applied can be reduced significantly, further reducing costs



*Fruit Flies in Trap*

### APPLICATION

When applying traps and wicks to the paddock, they should be hung at head height in trees. For better results, the area the trap is in should be free of twigs and leaves.

The trap is made up of a durable plastic that is expected to survive under paddock conditions for 2 years. Wicks (both with and without the trap) should be replaced every 3 months to ensure constant control.

To prevent ants from removing the bodies of dead flies from traps, Stickem pest glue is recommended.

### FRUIT FLY TRAP PRO

The Fruit Fly Trap Pro has been designed with a number of funnel valves, preventing flies from escaping the trap after contact with the wick. This provides more accurate fruit fly population data, catering to both growers and researchers. Made of the same plastic as the standard model, the Pro design is extremely durable. It also uses the same wicks, no need to purchase different materials!



*Fruit Fly Trap Pro*

### INTERESTED?

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