

QLD fruit fly management product options

(Note: costings are at the 1L/ha product rate for Naturalure™ and 20L/ha mixture rate for all other products and exclude GST)

8/12/17

Traps

- Biotrap (Biotrap): \$7, need to add a male lure/insecticide wafer (Mallet CL, \$5.50, 4 months). Can buy male attractant and insecticide cube separately. Can also use traps for female flies by using female attractant gell/insecticide. Do not mix male and female attractant in one trap.
- Fruit fly trap (Bugs for Bugs): \$17 and male lure/insecticide lasts 3 months. Can buy replacement male lure/insecticide wicks for \$5.
- Lynfield trap (Biotrap): Traps \$9 and wicks \$7. Used for official male monitoring and can be used by growers. Male lure/insecticide can last up to 6 months. Might catch slightly less flies than other male traps.
- Probodelt cone trap male fruit fly traps: \$12.50, only from EE Muir & Sons, limited stock, includes male lure and insecticide cube.
- Fruition® fruit fly trap: Female only, sticky trap, \$50 twin pack (\$25 each) and \$300 for 15 pack (\$20 each).

Baiting insecticides

- Abamectin: PER14932 -\$0.14/ha, maximum six times per season.
- Maldison: (e.g. Hymal) \$2.40/ha, can produce phytotoxic fruit marks.
- Spinosad (Naturalure™): Premixed with bait - some problems reported with 12v pumps having difficulty pumping the viscous mixture (1:6 mixing rate) and variable results with effectiveness of control. A grower has had success mixing a slightly less viscous mixture at 1:10 and has reported no phytotoxic fruit marks (1L of product per ha = \$24.7).

Fruit fly bait

- Fruition® Natflav® 500: at 2L/100L = \$5.9/ha (Agnova).
- Hym-Lure™ Protein Bait: at 1.5L/100L = \$4.7/ha (Biotrap).
- Naturalure™: also contains insecticide (spinosad), 1L/ha = \$24.7/ha, see comments in "Baiting chemicals" (Bugs for Bugs).
- Fruit fly lure: 2L/100 = \$9.5/ha (Bugs for Bugs).

Bait mixture thickener (increase bait performance by 25%)

- Fruition Xanthan Gum: 5 g/L of mixture = \$2.30/ha (Agnova).
- Keltrol Fruit Fly Lure Thickener: 5 g/L of mixture = \$2.20/ha (Bugs for Bugs).