

Services to companies: Field trials – insects & mites

## Trap and or lure efficacy on fruit pests

### Technical question? Aims of the trial

Determination of trapping efficacy of new trap designs and/or lure (dispensers) on fruit pests:

- Screening for trap color, trap design, insecticide coating/strip, ...
- Screening for lures, lure dispensers, ...
- Determination of the trap or lure efficacy versus other or standard commercial traps or lures
- Determination of the percentage female target pest captured
- Determination of the non-target pests captured (beneficial and non-beneficial)
- Determination of the lure longevity

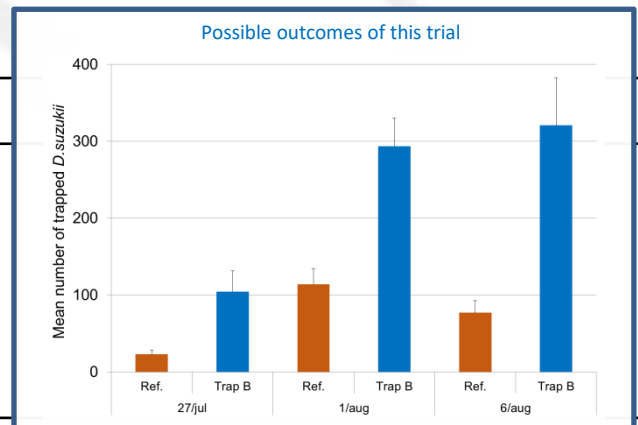
### Trial summary

Field trial in commercial or neglected trial sites (natural population, crop to be discussed):

- Target pest to be chosen: *Drosophila suzukii*, *Rhagoletis* sp., stink bugs, moths, ...
- At least 4 replicates
- Consequent, correct and realistic deployment of the traps with measures to prevent interaction between traps
- Assessments
  - Assessment of the number of female and male target organisms, at least at a 14days interval.
  - Percentage of female target organisms.
  - If required, also non-target arthropods (distinction between beneficial and non-beneficial).
  - Determination of lure longevity (initial versus e.g. 90 days in the field) by external lab analysis
- Statistical analysis of outcomes

### Trial output

- Data in xls/ARM + Report (M&M, graphs, summary, conclusions)
- GEP-report (in case of GEP-trial)
- efficacy: trapped numbers of male and female target pest and eventually non-target arthropods in function of time
- Comparison with reference trap or lure
- Confirmation of new trap and/or lures trapping capacity in the field



- Certified and (inter)nationally recognized centre of excellence in fruit research
- 75 years of experience and expertise
- GEP accredited
- Highly valued contractor for numerous product developments the past 75 years

**Interested?** Please do not hesitate to contact us:

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