

## The Distribution of Olive Fruit Fly Captures with McPhail Traps within an Olive Orchard

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The spatial distribution of olive fruit fly *Bactrocera (Dacus) oleae* (Gmelin) (Diptera: Tephritidae) field captures with McPhail traps within an experimental orchard was evaluated. Contour maps were constructed to examine the patterns in the 3-year trapping data. Captures varied widely inside the olive orchard, with traps suspended on wild olive trees exhibiting the poorest performance. Favorable microclimate, created by a standing water pool, appeared to be responsible for increased trap captures during the hot summer months. The positive role of the olive tree fruit load is also discussed.

KEY WORDS: *Bactrocera oleae*; olive fruit fly; field distribution; McPhail trap.

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