



Cera Trap[®]

Bio Crop Protection





Cera Trap®

A hydrolysed protein product as biological solution for use as fruit fly attractant in mass trapping control of the Mediterranean Fruit fly (*Ceratitidis capitata*), Natal Fruit fly (*Ceratitidis rosa*), Marula Fruit fly (*Ceratitidis cosyra*) and Oriental Fruit fly (*Bactrocera dorsalis*) in crops as listed.

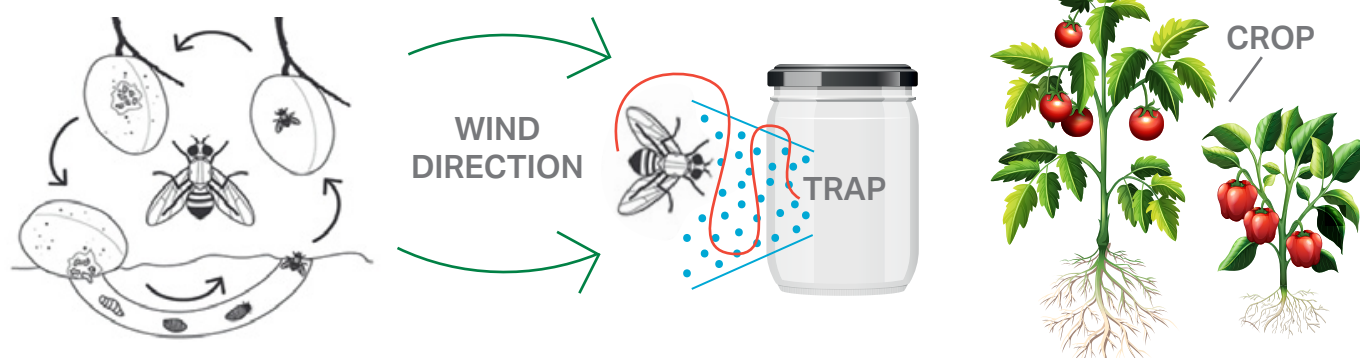
Why use Cera Trap®?

Cera Trap® is a liquid bait based on a specific protein formula developed by Bioiberica. Bioiberica is a global life science company that is committed to develop high-quality products, products that allow for integrated, more environmentally friendly crop management to progress the agricultural industries.

Features	Benefits
Contains specific volatile compounds that are highly attractive to adults, especially females	<ul style="list-style-type: none"> • Highly selective • Not harmful or disruptive to beneficial insects
Contains no insecticide	Non-toxic, biological solution
Attracts fruit flies of all species	Comprehensive fruit fly control
Unique mode of action – killed by drowning	Ideal tool for resistance management and IPM programs
Traps can be refilled after harvest	Population suppression in consecutive seasons
Traps are manually placed in the orchard and no spray applications are needed	No mechanical damage close to harvest
No residues on fruit as it does not come in contact with the crop	Compliant with regulations on export crops

How does Cera Trap® work?

Cera Trap® is a specific food attractant bait for the capture of fruit flies. It evaporates to release volatile compounds, mostly heterocyclic amines (Piperazindiones) and organic acids, which attract the adult flies, especially females. *Cera Trap*® bait is applied inside the trap (fly trap with holes) to facilitate the release of volatile compounds and the capture of the flies. Flies drown in the trap, and fruit is not affected.



Important to remember:

- Hang the first *Cera Trap*® bait traps as soon as the fruit become susceptible to fruit fly attacks or as early as 12 weeks before harvesting, depending on the crop and cultivar.
- The pest pressure, crop surface to be protected and the strategy employed (mass trapping, perimeter strategy, etc.) determines the number of fly traps needed per hectare. Between 70 and 120 traps per hectare is used for mass trapping for adequate pest control.
- Increase the density of *Cera Trap*® bait traps on the perimeter of orchards and fields bordering an alternative host
- For tree crops, hang traps on the south side of the tree for northern hemisphere regions and on the north side of the tree for southern hemisphere regions, about 1.5 meters from the ground in the tree canopy.
- The amount of *Cera Trap*® bait to be used is between 260 – 600 ml per trap, depending on the type of trap used. Refilling intervals will depend on temperature, relative humidity and direct sunlight. Refill with bait before total evaporation occurs.
- Refill traps with *Cera Trap*® bait after harvest to reduce overwintering fruit fly populations. Traps can be left in the orchard and refilled the following season, or removed and stored until the next season.

Registered uses:

Pest	Crop	Dose rate
Fruit flies	Mangoes	60 - 80 traps/ha (containing 400 ml/trap for monitoring and management of fruit fly at a spacing of 20 m between traps, to be replenished after 6 - 8 weeks.

Available in: 600 ml

Registered, Marketed and Distributed by:



Certified by:



Product usable in Organic Farming according to the EU Regulation n° 834/2007 and 889/2008. Control ECOCERT S.A. F – 32600)

Manufactured by:



Healthy Food and Healthy Environment, for all



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