

Technical Data Sheet



MONITORING TRAP KIT

PRODUCT NAME: Olive Fly Trap Kit
PRODUCT CODE: BC 339001A

PRODUCT DESCRIPTION

The Yellow Sticky Trap Kit is made of a flat yellow plastic and coated both sides with the non drip, non drying AgriSense glue. The yellow colour is known to be attractive to Olive Fly. The attracted insects land on the trap and are stuck fast. Used in conjunction with the lures this trap is a simple and effective tool for insect monitoring.

Approximate Dimensions	240 mm x 190 mm (± 5mm)
Material	Polypropylene
Colour	Yellow
Approximate Weight (per Trap)	20g (excluding hanger and lure)
Kit Contents	3 traps, 3 hangers, 3 lures
Outer Carton Contents	12 kits

A manufactured attractant lure for *Bactrocera (Dacus) oleae*

Dispenser	Injection Moulded Tablet
Material	Polymer
Packaging	Individually Sachet Packed
Sachet Material	Foil Lined Laminate

RECOMMENDATIONS FOR USE:

SPECIES NAME: *Bactrocera (Dacus) oleae* Olive Fruit Fly

PEST STATUS:

This is generally considered the most important pest of olives throughout the Mediterranean and North African region. The female lays her eggs under the surface of the olive fruits. The maggots consume the fruit causing it to drop prematurely or rendering it unusable for the table olive market and reducing its value for olive oil.

GENERATIONS:

There are 4 to 7 generations per annum depending on the locality.

TRAP:

The new design is in the form of a single sheet of plastic with a central hole and a slit to one of the corners. First carefully remove the cover paper from both surfaces starting from the corners away from the slit. With the sticky surfaces exposed slide the trap over a suitable branch so that the branch is through the central hole. Be careful not to touch the trap onto foliage as this is done. Carefully cross the two corners either side of the slit so that the ends overlaps meet half way along the two edges. Touch the glue surfaces together. This will hold the trap temporarily. Now place the lures on the centre of the overlap junction. Finally slide the attachment clip onto the trap and over the lures.

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NOTE: The holding clip must be used. The trap glue is too soft to hold the trap assembled and the lure attached for an extended period.

WHEN TO USE THE TRAP:

Traps should be installed before the first insects normally appear and maintained until the end of the season. The traps can be hung from branches at head height. 1 trap per olive tree is sufficient.

The Ammonia lure can be used either alone or in conjunction with a pheromone capsule. Both males and females are attracted the traps containing the ammonia lure while the pheromone capsule will attract only the males. By using some traps baited with ammonia lures and others with pheromone plus ammonia lures it is possible to get an estimate of both the size of the insect population and an indication of the start of period of sexual activity. (The traps with the pheromone lure will not catch more insect until the sexual activity has commenced)

TRAPPING SEASON:

Flies can be caught all year round in ammonia baited traps while the pheromone baited traps will have a reduced activity in some areas during May, June and July due to lack of sexual activity in the fly during this period.

TRAP PLACEMENT & DENSITY FOR MONITORING:

In the northern Mediterranean the traps should be placed at head height on the south side and outside of the tree canopy. In hotter areas of the Mediterranean, flies may not seek the more exposed southern side so traps may be placed on both north and south sides of the trees.

CHANGE OF LURES AND TRAP SERVICING:

The lure will last for up to 5-6 months in the field and does not need to be changed. The sticky traps should be changed when debris or non target species have reduced the catching efficiency of the glue significantly.

OBSERVATIONS AND DATA RECORDING:

Catches should be recorded weekly or more frequently in groves with high populations. Record the trap catch on a trap record sheet. Interpretation of catch records for timing control measures will vary from country to country, but usually the resumption of sexual behaviour following the period of summer sexual inactivity is marked by a significant increase in the catch in pheromone baited traps compared to the ammonia baited traps.

NOTE:

To avoid affecting the efficiency of the trapping system it is strongly recommended that traps be used for only the one species. Never use the lures for other species in this trap.

RECOMMENDATIONS FOR STORAGE AND HANDLING

The ammonia dispensers from Agrisense-BCS are supplied in labelled and batch coded vapour proof sachets. The dispensers are provided either separately or as components of monitoring systems inside system boxes together with the appropriate trap. The dispensers and systems should be kept under good storage conditions at below 15°C. Kept under these conditions the dispensers and systems will retain their activity and attractancy for a minimum of 24 months. Agrisense-BCS pheromone dispensers have a known and declared period of activity after opening of the sachet. After this time the expired pheromone dispenser should be renewed. The old dispenser should be completely removed from the area of use and destroyed to prevent interference with the fresh replacement/ recharge dispenser.

For Safety, Environmental and Disposal details see the corresponding Material Safety Data Sheet

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