

Technical Data Sheet



PHEROMONE LURE

PRODUCT CODE BFL076

PRODUCT DESCRIPTION

A manufactured pheromone lure for *Ceratitis capitata* (Trimedlure Plug)

Dispenser	Extruded Plug
Material	Polymer
Packaging	Individually Sachet Packed
Sachet Material	Foil Lined Laminate

RECOMMENDATIONS FOR USE:

SPECIES NAME: *Ceratitis capitata* (Family: Tephritidae) Mediterranean Fruitfly

PEST STATUS:

This is a very important pest of soft fruit throughout the Mediterranean, Africa, central and southern America and Western Australia. The female lays her eggs under the surface of maturing fruits. The maggots consume the fruit and render it inedible.

GENERATIONS:

There are as many as six generations per annum in hot countries. In more temperate regions the number is usually 2 to 3 per annum. The fly can move from one crop to another so that it is not restricted to the seasonality of one crop.

TRAP:

Either the AgriSense Delta trap or the Dome trap are recommended for use in most countries.

TRAPPING SEASON:

It should be noted that the exact time of insect emergence will vary with location and seasonal variation and the susceptibility of the crop to be monitored. In the more temperate regions, the insect is predominantly a problem through the spring and summer. In the tropics it may be present all year round

TRAP PLACEMENT & DENSITY FOR MONITORING:

The traps should be placed at head height within the tree canopy and located centrally within the experimental area being monitored with at least 50m between each trap. One trap should be sufficient to monitor up to 3 hectares of a uniform orchard. In the case of irregular areas 1 trap per hectare is recommended. A minimum of 2 traps is recommended regardless of field size.

CHANGE OF LURES AND TRAP SERVICING:

Lures should be changed every 6 weeks or earlier. The sticky inserts should normally be changed when the lures are changed. In situations where high insect catches or dusty conditions have led to the deterioration of the glue surface the inserts should be changed. It is recommended that at each reading the trapped insects and any other debris be removed and the glue stirred with the plastic spatulas provided.

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OBSERVATIONS AND DATA RECORDING:

Catches should be recorded weekly in low populations but more frequently in orchards with high populations. Record the trap catch on a trap record sheet.

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 pheromone 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 18 months. Bulk storage of dispensers for periods of up to 24 months is possible by refrigeration at temperatures of 4°C or below. We do not recommend storing dispensers for more than this time even in a refrigerator. 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