

# Technical Data Sheet



## MONITORING KIT

**PRODUCT NAME:** Easiset Delta Trap Kit for *Laspeyresia pomonella* (Codling Moth)

### PRODUCT DESCRIPTION

The Delta trap has a triangular (delta) cross section and is made of folded plastic. The insects are attracted by the pheromone lure, enter the trap and are caught on the non drying glue insert on the bottom. The glue insert can later be removed for inspection and replacement.

Approximate Dimensions (Flat)	280mm x 245mm
Approximate Dimensions (Assembled)	280mm x 200mm x 112mm
Material	Die cut and welded polypropylene
Colour	Green
Approximate Weight (per Trap)	51g
Kit Contents	1 Trap, 1 Hanger, 2 lures, 2 sticky inserts
Pack size	8 kits

### RECOMMENDATIONS FOR USE

**SPECIES NAME:** *Laspeyresia (Cydia) pomonella* (Family: Tortricidae) Codling Moth.

#### PEST STATUS:

Probably the most important pest of apples world wide and also an important pest of pears, quinces and walnuts. May also attack other Prunus species including peaches. Larvae bore into fruits carving galleries inside. Damage may go unnoticed in the earlier part of the season because attack causes drop of young fruitlets.

#### GENERATIONS:

There is usually 1 to 3 generations depending on location and climate.

#### TRAP:

The Delta trap is recommended for this insect.

#### TRAPPING SEASON:

The traps should be placed in the orchard before the first moths normally appear and maintained till the end of the season. This is normally between September to May. It should be noted that the exact time of insect emergence will vary with location and seasonal variation.

#### TRAP PLACEMENT & DENSITY FOR MONITORING:

The traps should be placed at head height within the tree canopy and located centrally within the orchard 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 orchards 1 trap per hectare is recommended.

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## CHANGE OF LURES AND TRAP SERVICING:

Lures should be changed every 3 months 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.

## 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.

## SELECTIVITY:

The traps may also catch some *Grapholitha molesta* if the trap is near peach trees. These can be readily distinguished because of their smaller size and the lack of a bronze eye marks on the forewing which is normal for Codling moth.

## 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.

## STORAGE AND HANDLING RECOMMENDATIONS:

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 12 months.

Bulk storage of dispensers for periods of up to 18 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**

