

# Technical Data Sheet



## MONITORING TRAP KIT

**PRODUCT NAME:** Cherry Fruit fly Trap Kit

### 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 Cherry Fruit 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.

#### TRAP

Approximate Dimensions	240 mm diameter ( $\pm$ 5mm)
Material	High Impact Polystyrene
Colour	Yellow
Approximate Weight (per Trap)	20g (excluding hanger and lure)

#### LURE

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

Kit Contents: 1 traps, 1 attractant lure and clip

### RECOMMENDATIONS FOR USE:

**SPECIES NAME:** *Rhagoletis cerasi* (Family: Tephritidae)  
European Cherry Fruit fly

#### PEST STATUS:

A very important pest of cherries in much of Europe and the western Asia. The adult lays its eggs on maturing fruit. The maggot enters, feeds causing surface browning of the fruit before emerging to pupate in the soil.

#### GENERATIONS:

*Rhagoletis cerasi* has a single generation per season.

#### TRAP:

The trap 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 overlap until the two small punched holes line up. Touch the glue surfaces together. This will hold the trap temporarily. Now place the ammonia lure on the centre of the overlap junction. Finally slide the attachment clip onto the trap and over the ammonia lure.

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.

#### TRAPPING SEASON:

The season depends on local conditions and climate. The emergence of adult flies in Europe is usually between May and July when fruit is in the process of developing, therefore it is recommended to hang the traps up to two months before fruit harvest.

#### TRAP PLACEMENT & DENSITY FOR MONITORING:

**Commercial cherry farms:** Effective monitoring of the cherry fruit fly can be achieved at a recommended trap density of one Agrisense cherry trap per tree, placed at a height of 1.5 metres or higher.

Due to variations in ages and varieties of cherry trees that give differences in tree sizes, cherry trees planted in residential properties require different trap density instructions.

#### **Residential properties:**

- The traps should be placed within the tree at a height of 1.5 metres or higher
- Several traps can be used per tree
- As a general indication, if the base of the cherry tree has a 3 metre diameter, 2 traps per tree should be used, placed at opposite sides of the tree.

#### CHANGE OF LURES AND TRAP SERVICING:

The cherry fruit fly lure and the trap are designed to last for the entire fly trapping season and normally do not need to be changed, however in high density fly areas should the cherry traps become filled with flies, it is recommended that they be replaced with new traps to allow increased surface area to trap and ease monitoring of the fruit flies. Care should be taken to ensure that the trap is kept away from tree foliage and the glue cleared of debris.

#### OBSERVATIONS AND DATA RECORDING:

Catches should be recorded twice weekly in low populations but more frequently in fields 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.

#### STORAGE AND HANDLING RECOMMENDATIONS:

The pheromone dispensers from Agrisense 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 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.

Version No	Date	Reason for Revision
2	28/06/12	Company name change

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