

# Technical Data Sheet



## MONITORING TRAP

**PRODUCT NAME:** Pine processionary moth funnel trap kit

### PRODUCT DESCRIPTION

A 3 part, self-assembly funnel style trap with lures. The funnel trap, as the name implies, is designed so that insects attracted by the incorporated pheromone lure fall into a funnel shaped catchment area down into a holding bucket below. The patented black stripes increase trap catch. The shape of the funnel prevents the insects from escaping holding them until the trap is inspected. An insecticide may be added to kill the trap insects further reducing the possibility of escape and prevent damage to the specimens for subsequent identification.

### TRAP

Approximate Dimensions (Assembled)	190mm diameter x 220mm high
Approximate Lid Dimensions	190mm diameter
Approximate Funnel Dimensions	158mm diameter x 110mm high
Approximate Base Dimensions	158mm diameter x 165mm high
Material	Polypropylene
Colour:	Lid – Green Funnel - Yellow Base – White with black stripes
Approximate Weight (per Trap)	270g

Dispenser	Vial
Material	Polyethylene
Packaging	Individually Sachet Packed
Sachet Material	Foil Lined Laminate

**Kit Contents** 1 Trap, 1 Lure holder, 1 Hanger, 1 *Thaumetopoea pityocampa* lure

### RECOMMENDATIONS FOR USE

**SPECIES NAME:** *Thaumetopoea pityocampa* (Family: Notodontidae)  
Pine processionary moth

### PEST STATUS:

An important defoliator of pine trees throughout the Mediterranean. Larvae eat the needles building a collective web nest under which they shelter and feed.

#### GENERATIONS:

There is one generation per season.

#### TRAPPING SEASON:

This usually between July and September. 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 in trees, to allow easy monitoring of catches. Hang the traps, so the prevailing wind crosses the open area of the trap, so as the odour plume is dispersed with at least 50m between each trap. A minimum of two traps should be used regardless of the area size.

#### CHANGE OF LURES AND TRAP SERVICING:

Lures should be changed every 6 weeks or earlier. The funnel traps should be emptied weekly to avoid the trap filling and repellency from putrefaction of the insects caught. Where the toxicant strip is used this should be changed when lures are changed.

#### OBSERVATIONS AND DATA RECORDING:

Catches should be recorded weekly in low populations but more frequently in areas 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
1	2/07/12	First issue

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