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.

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<th>Reason for Revision</th>
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<td>1</td>
<td>2/07/12</td>
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For Safety, Environmental and Disposal details see the corresponding Material Safety Data Sheet