



MONITORING TRAP

PRODUCT NAME: Black stripe funnel trap kit - Bulk
PRODUCT CODE: BC 13192

PRODUCT DESCRIPTION

A 3 part, self-assembly funnel style trap. 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.

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
Kit Contents	1 Trap, 1 Lure holder, 1 Hanger
Packaging	Box
Pack size	100 Kits

RECOMMENDATIONS FOR USE

SELECTION OF THE FUNNEL TRAP:

The funnel trap is used predominantly where the target species is, for example, a large moth which would be difficult to trap on the glue of a Delta trap and/or where the insect occurs in large numbers and is therefore likely to quickly saturate the sticky surface of the Delta. It is also often used in dusty areas where the dust is likely to impair the functioning of the glue used in the Delta traps.

TRAP PLACEMENT & DENSITY FOR MONITORING:

Traps should be positioned conveniently for inspection and for other operations (i.e. movement of goods) in the area being monitored. This generally means above head height in areas where there is limited or no vehicular movement and away from aisles etc. where fork lift trucks are in operation - this is to prevent the traps interfering with normal work and to prevent them from being damaged. Given that the pheromone plume or trail is carried by moving air currents it is logical that, in buildings where monitoring is being carried out, the traps should be positioned at the top end of the prevailing air movements to allow the plume or trail of attractant to disperse through the building. Traps should be used in areas liable to infestation or



re-infestation. Depending upon the type of premises these may include incoming goods areas, manufacturing or production areas and connecting corridors and passageways. Where the building has a high roof some of the traps should be located up as high as is convenient. This is because warm air rises and the adult moths are attracted up to and fly freely in the warm air. Use a maximum trap density of one trap per 600 cubic metres (equivalent to 100 sq.m. of floor area in a building of 6m height). In large open buildings the density may be reduced to one trap per 2500 cu.m. (equivalent to 800 sq.m. of floor area at in a building of 6m height)

DO NOT:

- locate traps against walls or anywhere where air turbulence may create false or misleading trails.
- locate traps next to open windows, doors or ventilation ducts where the air movement will take the plume directly out of the building, away from the area being monitored.

CHANGE OF LURES AND TRAP SERVICING:

Lures should be changed as recommended for the species concerned. Unless otherwise specified this is usually after 6 weeks. 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 fields with high populations. Record the trap catch on a trap record sheet.

SPECIFICITY:

In cases where two insect species share a very similar pheromone there is a possibility that both species will be trapped. This is not normally a problem where the two species are readily distinguishable. Should there be any difficulty with insect identification it is recommended that you contact your local Ministry of Agriculture or consultant.

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.

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