

TECHNICAL DATA SHEET

PHEROMONE LURE

PRODUCT CODE

BFL035C

PRODUCT DESCRIPTION

A manufactured pheromone lure for *Helicoverpa (Heliothis) armigera*

Dispenser

Septa

Material

Natural Rubber

Packaging

Individually Sachet Packed

Sachet Material

Foil Lined Laminate

RECOMMENDATIONS FOR USE:

SPECIES NAME: *Helicoverpa (Heliothis) armigera* (Family: Noctuidae)
Corn Earworm, Tomato Fruitworm, Bollworm

PEST STATUS:

This can be an important pest of a wide array of crops mainly cotton, maize, tomato and beans as well as wild plants. Larvae attack the fruiting bodies sometimes causing severe losses.

GENERATIONS:

Three to six generations depending on latitude.

TRAP:

The Funnel trap is recommended for this insect although the Delta trap can be used for low populations or for pest detection.

TRAPPING SEASON:

Place traps in the field at planting - moth emergence begins from late winter to early spring depending on location. Populations should then be monitored throughout the growing period of the crop.

TRAP PLACEMENT & DENSITY FOR MONITORING:

Traps should normally be attached to stakes at crop height and placed within the crop with at least 50m between each trap. One trap should be sufficient to monitor up to 5 to 10 hectares of a uniform field. In the case of small or non uniform plots 1 trap per hectare is recommended. A minimum of two traps should be used regardless of the field size.

CHANGE OF LURES AND TRAP SERVICING:

Lures should be changed every 6 to 8 weeks. The funnel traps should be emptied weekly to avoid the trap filling and repellency from putrefaction of the insects caught. Where used the toxicant strips should be changed when lures are changed.

OBSERVATIONS AND DATA RECORDING:

Catches should be recorded every 2 - 3 days in low populations but more frequently in fields with high populations. Record the trap catch on a trap record sheet.

SELECTIVITY:

The only other species recorded as being attracted to these traps is *H. punctigera* in Australia.

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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

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