

TECHNICAL DATA SHEET

Cotton Bollworm
Helicoverpa armigera



Product Name	: Helicoverpa armigera Pheromone Lure
Mode of Action	: Attractant Pheromone
Active Ingredient	: Z-11-Hexadecenal, Z-9-Hexadecenal
Dosage	: 3 mg per dispenser / lure
Product Description	: Met pet pouch containing Z-11-Hexadecenal & Z-9-Hexadecenal blend loaded in Silicon rubber septa.
Active Life	: Upto 30-45 days depending on climatic conditions.
Shelf Life	: 2 years if stored according to the standard protocol.

Targeted Action:

This product is intended for use as attractant of Cotton bollworm (*Helicoverpa armigera*) in Farms/ Open and protected cultivation of many crops such as cotton, gram, chickpea, pigeon pea, pea, maize, sunflower, chilly / capsicum etc., in order to trap them for monitoring and mass trapping. This is found to reduce the intensity of pest incidence, leading to a reduction in crop damage thereby improving the yields / output quality.

Product Description:

The Active Ingredient blend of Z-11-Hexadecenal & Z-9-Hexadecenal is a potent attractant for males of *Helicoverpa armigera*. This liquid formulation @ 3mg is loaded in silicon rubber septa, which is placed in funnel sleeve/moth traps in the field.

Protocol:

Place the Lure/Dispenser in the funnel /sleeve trap or moth trap and place the trap at various locations in the field just above the canopy level of the crop. Recommended to use one lure of *Helicoverpa armigera* per trap. One *Helicoverpa armigera* lure would last upto 30-45 days depending upon climatic conditions. The trapping density should be adequate to manage pest infestation. The recommended trap density is 40-50 traps per hectare for mass trapping and 8-10 traps per hectare for monitoring.

Packing:

- Helicoverpa armigera lure is packed in a metalized triple layer pouch.

Storage and Disposal precautions:

- Store the dispenser away from sunlight in a dry and cool place.
- Do not open the pouch until just before placing it in the trap lure holder.
- The product expiry date is 2 years from production date under good storage conditions and without opening the sealed pouch.

Disclaimer:

- All the materials and components used in the manufacturing process are generally known to be non hazardous to human beings.
- It should be noted that the information is given in good faith and manufacturer assumes no responsibility for any damage that may be caused (by using the product) to men, machinery and materials.
- The onus of ascertaining suitability of the product to the proposed application/end use lies solely with the buyer/user.
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