

**TECHNICAL DATA SHEET**

**Tobacco Cutworm**  
*Spodoptera litura*



<b>Product Name</b>	: Spodoptera litura Pheromone Lure
<b>Mode of Action</b>	: Attractant Pheromone
<b>Active Ingredient</b>	: Z9,E11-Tetradecadienyl acetate, Z9, E12-Tetradecadienyl acetate
<b>Dosage</b>	: 3 mg per dispenser / lure
<b>Product Description</b>	: Met pet pouch containing Z-9,E-11-Tetradecadienyl acetate & Z9, E-12-Tetradecadienyl acetate blend loaded in silicon rubber septa.
<b>Active Life</b>	: Upto 30-45 days depending on climatic conditions.
<b>Shelf Life</b>	: 2 years if stored according to the standard protocol.

**Targeted Action:**

This product is intended for use as attractant of Spodoptera litura (Tobacco cutworm) in Plantations/ Orchards/ Farms/ Open and protected cultivation of many crops such as tobacco, cotton, soybean, beet, cabbage, and chickpeas mirchi, groundnut 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-9, E-11-Tetradecadienyl acetate & Z9, E-12-Tetradecadienyl acetate is a potent attractant for males of Spodoptera litura. This liquid formulation @ 3mg is loaded in silicon rubber septa, which is placed in funnel sleeves / 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 Spodoptera litura per trap. One Spodoptera litura 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:**

- Spodoptera litura 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.
- Harmony Ecotech Pvt. Ltd reserves all the rights to bring about any change / modification / improvement whether in the designs or materials of construction of its products at any point of time whether now or in future.
- Responsibility for verification regarding compliance with regulatory requirements, product registrations and patent infringement laws lies solely with the buyer.

Technical Support Department  
HARMONY ECOTECH PVT. LTD., Hyderabad  
Last Revised: January, 2020