

TECHNICAL DATA SHEET

Fall Army Worm
Spodoptera frugiperda



Product Name	: Spodoptera frugiperda Pheromone Lure
Mode of Action	: Attractant Pheromone
Active Ingredient	: Z-7 Dodecenyl acetate , Z-9 Tetradecenyl acetate & Z-11 Hexadecenyl acetate
Dosage	: 3 mg per dispenser / lure
Product Description	: Met pet pouch containing Z-7 Dodecenyl acetate, Z-9 Tetradecenyl acetate & Z-11 Hexadecenyl acetate pheromone blend loaded in silicon rubber septa / PE Vials
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 Fall armyworm (*Spodoptera frugiperda*) in maize, sugar cane and jowar Plantations/Farms, 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-7 Dodecenyl acetate, Z-9 Tetradecenyl acetate & Z-11 Hexadecenyl acetate is a potent attractant for males of *Spodoptera frugiperda*. This liquid formulation @ 3 mg is loaded in silicon rubber septa / PE vials 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 *Spodoptera frugiperda* per trap. One *Spodoptera frugiperda* 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 frugiperda 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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Technical Support Department
HARMONY ECOTECH PVT. LTD., Hyderabad
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