

Fall Armyworm

Spodoptera frugiperda

Product Name:	FAW-Enemy™
Mode of Action:	Sex Pheromone attractant
Active Components:	(Z)-9-tetradecenyl acetate (Z)-7-dodecenyl acetate
Dispenser Details:	Natural Rubber Septum
Active Life:	8 weeks
Shelf Life:	2 years under recommended storage



Spodoptera frugiperda

Main Hosts: A wide range of crops including maize, sorghum, rice, sugarcane, wheat, tomato, cotton, cabbage, soybean, groundnut, cowpea, and mung bean.

Mechanism

FAW-Enemy™ utilizes a high-isomer-purity, nature-identical blend of the female *Spodoptera frugiperda* sex pheromone—(Z)-9-tetradecenyl acetate (Z9-14:Ac) at 98% with a minor synergist (Z)-7-dodecenyl acetate (Z7-12:Ac) at 2%. These acetate esters are micro-encapsulated in controlled-release polymer carriers (rubber septa) to ensure a steady pheromone emission over 30–45 days from a rugged, field-ready dispenser. The exact ratio and ultra-high chemical purity deliver exceptional selectivity, luring only male fall armyworm moths into traps while minimizing non-target captures.



Rubber septa pheromone dispensers



Funnel trap

Trap: Funnel trap

Trap Density

4 - 5 traps per hectare for monitoring.
5-10 traps per hectare for mass trapping.

Trap Maintenance

- Inspect the traps on a regular basis.
- Replace the pheromone dispensers every 8 weeks to achieve optimum results.

