

Cotton Boll Worm

Helicoverpa armigera

Product Name:	Helico-Enemy™
Mode of Action:	Sex Pheromone attractant
Active Components:	(Z)-11-Hexadecenal (Z)-9-Hexadecenal
Dispenser Details:	Natural Rubber Septum
Active Life:	8 weeks
Shelf Life:	2 years under recommended storage



Helicoverpa armigera

Main Hosts: A wide range of crops including cotton, maize, chickpea, tomato, beans, soybean, rose, cowpea, sunflower, okra, chilli, and potato.

Mechanism

Helico-Enemy™ uses a high-isomer-purity, nature-identical blend of female *Helicoverpa armigera* sex pheromone—primarily (Z)-11-hexadecenal (97%) with a small dose of (Z)-9-hexadecenal (3%). Encapsulated in controlled-release polymer carriers (rubber septa), this formulation ensures consistent emission over 8 weeks from a field-ready dispenser. The precise ratio and chemical purity guarantee high selectivity, attracting only target male bollworms while avoiding non-target species.



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.

