NEW MOA - GROUP 31 FOR COTTON BOLLWORM (CBW) AND TOBACCO BUDWORM (TBW) RESISTANCE MANAGEMENT

NEW IPM TOOL FOR COTTON

20 years of lepidopteran pest management
World’s largest Baculovirus research center and manufacturing facility
Strong commitment to provide field technical assistance
Wide network of research partners
NOVEL AND HIGHLY SELECTIVE MODE OF ACTION
Insecticide resistance tool for improved protection from damage by Cotton Bollworm and Tobacco Budworm

**TARGET PESTS:** Helicoverpa zea (Cotton Bollworm, CBW) & Chloridae virescens (Tobacco Budworm, TBW)

**ACTIVE INGREDIENT (A.I.):** Helicoverpa armigera Nucleopolyhedrovirus (HearNPV)

**FORMULATION:** Suspension concentrate (SC)  
**RATE:** 2.0 floz/acre

**NOVEL MODE OF ACTION:** Heligen® will control larvae resistant to chemical insecticides. A unique set of baculovirus proteins (PIF complex) promotes generalized cell infection and ultimately, death. Then, good to go! The infected larvae releases billions of viral particles after death which leads to continued secondary infection cycles in the field.

**HOW TO USE HELIGEN®:**
- Thorough crop coverage is essential, as the A.I. in Heligen® must be ingested by larvae to be effective
- Heligen® is most effective when applied in low pest density as infestation begins.

**APPLICATION TIMING:**
- The application threshold for Heligen® is substantially lower than that for chemical insecticides.
- Target 1st application of Heligen® at 10% egg lay** (Eggs present in 10 per 100 plants).
- Do not use Heligen® as a curative treatment.
- In this situation, alternative control methods should be considered.

**LARVAL INFECTION SYMPTOMS:**

**COMPATIBILITY:** Heligen® is compatible in tank mixtures with most insecticides, fungicides, and herbicides.

**CAUTION:** Ensure tank mixture solution pH is ≤ 8 prior to adding Heligen® to the tank. Spray solution pH above 8 may damage the virus and reduce performance of Heligen®. If needed, use a suitable buffer (acidifier).

For more information contact: www.agbitech.com