

Natural control of corn earworm

Hearken™

BIOLOGICAL INSECTICIDE

Active ingredient:

Helicoverpa armigera
nucleopolyhedrovirus strain BV-0003

Crops:

- Alfalfa*
- Corn* (Field, pop, silage, seed, except sweet)
- Sorghum
- Soybean

*Not for use in California

Features & Benefits:

- Residue-free profile
- Infection can occur even at low rates
- Tank-mix compatible with most commonly used insecticides, fungicides or liquid fertilizers
- Complements traditional chemistries and fits within integrated plant protection strategies and resistance management programs
- Does not affect beneficial or non-target organisms
- Fits within organic systems
- Two-year shelf-life under proper storage

Application Recommendations:

- Foliar application before larvae hatch to young instar larvae stage
- Thorough spray coverage is essential for optimum control

Rates: Corn & soybean - 1.5 fl oz/A
Other crops - 0.5 - 2.5 fl oz/A

Rainfast: As soon as dry

Storage: Store in a cool, dry place below 41°F (5°C) for up to 2 years in the original sealed container. If stored at temperatures below 0°F, Hearken is guaranteed for 3 years.

Hearken™ biological insecticide is a virus that focuses specifically on control of *Helicoverpa* species, such as corn earworm, Tobacco budworm and the Old World bollworm, while not impacting beneficial or non-target organisms.

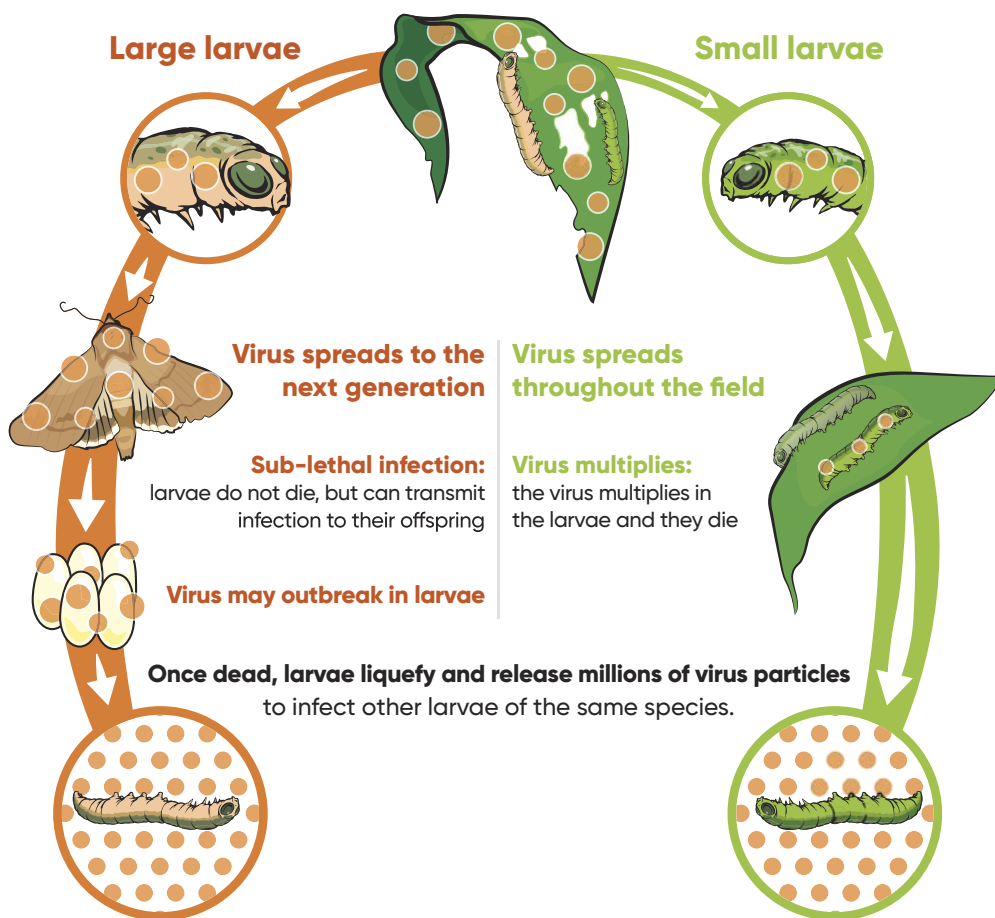
How does it work?

Hearken works by infecting target insects through ingestion with a virus that leads to viral infection within the insect population and mortality.

Hearken affects *Helicoverpa* species four different ways:

1. Young larvae mortality following ingestion
2. Larvae that ingest Hearken can spread the virus to larvae in the field upon death
3. Weakens and reduces fitness during insect lifecycle
4. Adult insects can transmit to offspring

FOR INFECTION: Virus needs to be ingested by the larvae.



For more information on Hearken, please contact your local Corteva Agriscience Territory Manager or call **1-833-Corteva**.

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