

Andermatt

BIOLOGICAL INSECTICIDE

Helicovex®

Helicovex® is based on a naturally occurring baculovirus (HearNPV) that protects corn, soybeans, cotton, and a range of other row and vegetable crops from damage caused by corn earworm, tobacco budworm, and soybean headworm. It is effective as both a standalone treatment and in IPM programs. Helicovex® offers a distinct mode of action for growers facing resistance to commonly used products, making it a strong rotation partner in resistance management programs. Because Helicovex® is highly specific to its target pests, it does not harm beneficial insects.

Products Specifications

- Active Ingredient: **Helicoverpa armigera nucleopolyhedrovirus (HearNPV)**
- Concentration: **7.5x10^{12} OB / liter**
- Formulation: Suspension concentrate (SC)

Relevant Crops

For use on corn, soybean, sorghum, cotton, tomato, lettuce, green beans, and others.

Targeted Pests

Corn earworm (*Helicoverpa zea*), cotton bollworm (*Helicoverpa armigera*), and other Helicoverpa spp.

Application, Timing, & Rates

General

Helicovex® must be ingested by larvae to be effective. Once ingested, the virus replicates inside the larva, causing infection and death. Because of this mode of action, target sprays at egg hatch and early instars - when larvae are actively feeding. Cover the whole larval hatching period. Frequent applications at low rates may be more effective than one or two applications at high rates. Helicovex® is compatible with most insecticides, fungicides, and liquid fertilizers and with non-ionic and oil-based spreader / sticker adjuvants. Helicovex® has good storage stability of up to 2 years at or below 41 °F.

Can be applied by dipping, seed treatment, spraying, drenching, hydroponics, or mixing with fertilizers.

Rates

- 0.5-2.5 fl. oz / acre for all labeled crops.
- 0.5-1.25 fl. oz / acre for corn, during silking.

Application

Application types include sprayer, sprinkler irrigation, mist sprayer, chemigation and aircraft.

Shake product well before using. Add to tank mix and keep tank agitated while mixing. Respect a pH near neutral in tank mix. Mix in sufficient water to ensure full, uniform coverage using fine, medium, or coarse droplets. Do not allow spray mix to stand overnight.

Apply every 6-8 days as a standard application interval across all labeled crops.

For applications in corn, apply every 3 days during silking. Before and after silking, standard application rate and interval is suitable.

Applications of AmyBac® P45 should not be used as a foliar application- product must reach the root zone Re-application recommended after 4-6 weeks, depending on crop.



Restrictions

- Product performs best in lower UV conditions.
- Ensure pH remains between 5 and 8.5.
- Direct mixing with copper products has to be avoided.
- Bottled product and tank mixes with product should not be exposed to temperatures above 104°F.
- Do not mix with silicone- based spreaders.

Unique Mode of Action

Preserves Beneficial Insects

Early-Stage Control

Lifecycle-Aligned Application

Flexible and Residue-Conscious

Supports Integrated Pest Management

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Important: Always read and follow label instructions. Some products may not be registered for sale or use in all states or counties. Please check with your local extension service to ensure registration status.