

A nucleopolyhedrovirus (NPV) preparation for the biological control of the cotton bollworm (*Helicoverpa armigera*)

Composition:

**Baculovirus of *Helicoverpa armigera* nucleopolyhedrovirus
(HearNPV)**

Product Characteristics:

- Excellent tool to overcome chemical control resistance
- Certified and recommended for organic agriculture by FiBL

- Switzerland

Mode of action:

Helicovex® (HaNPV) is specific and highly virulent to its host.

As with all insect baculoviruses,

Helicovex® must be ingested to exert an effect.

Following ingestion, the virus particles enter the haemolymph and are distributed throughout the larval body, where they multiply and kill the insect. Shortly after the death of the larva, the integument ruptures releasing very large numbers of HaNPV.

Use Recommendations:

Helicovex® (HaNPV) is specific for the control of *Helicoverpa armigera* (cotton boll worm) in the following crops:

• **Barley • Groundnuts • Potato • Beans • Leek • Soya bean • Citrus • Maize • Stone fruits • Cotton •**

Oat • Sunflower • Cucurbit • Onion • Tobacco

• **Flax • Pea • Tomato • Garlic • Pine • Wheat and many others**

- Spray on eggs and first instar larvae

Dosage per ha: 200 ml :

Helicovex®. Dissolve in required amount of water.

- If possible, spray in the evening. The virus preparation is highly UV sensitive.

- A second application after 14 days is recommended in greenhouses.

In open field, a second application is recommended already after 8 sunny days.

Per generation 2-3 applications of 200 ml/ha are necessary.

- The virus preparation can be combined with wettable sulphur and conventional fungicides or insecticides, but not with products containing copper, or highly alkaline substances (pH values of the sprayed mixture should lie between 5 and 8).

Storage:

Helicovex® can be stored in the refrigerator (5 °C) for at least two years.

Frozen it can be kept for years without any loss of activity.

