

## A nucleopolyhedro virus (NPV) preparation for the biological control of the Egyptian cotton leaf worm (*Spodoptera littoralis*)



### Composition:

**Baculovirus of *Spodoptera littoralis* nucleopolyhedrovirus (SINPV)**

### Product Characteristics:

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



### Mode of action:

**LITTOVIR®** (SINPV) is specific and highly virulent to its host. As with all insect baculoviruses, **LITTOVIR®** must be ingested by the larvae 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 large numbers of SINPV.

### Use Recommendations:

**LITTOVIR®** (SINPV) is specific for the control of *Spodoptera littoralis* (Egyptian cotton leaf worm) in the following crops:

- Cabbage • Maize • Spinach • Cotton • Melons • Sugar beet • Cowpea • Onion
- Sugarcane • Gourd • Pea • Tea • Groundnuts
- Potato • Tobacco

- Jute • Rice • Tomato • Lettuce • Soya bean • Wheat and many others

- Spray on eggs and first instars larvae

- Dosage per ha: 200 ml **LITTOVIR®** Dissolve in required amount of water.

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

- Following treatments are recommended at 14 days intervals. In open field, following treatments are recommended already after 8 sunny days.

- 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:

**LITTOVIR®** can be stored in the refrigerator (2-5°C) for two years. Frozen it can be kept for years without any loss of activity.

