

# Lepinox® G

## BIOINSECTICIDE

LEPINOX® G granular bioinsecticide is a biological insecticide for the control of lepidopterous larvae on corn.

**Active Ingredient:**

*Bacillus thuringiensis* subspecies *kurstaki* strain EG7826  
solids, spores, and Lepidopteran active toxins ..... 4.00%

**Inert Ingredients:** ..... 96.00%

**TOTAL** ..... 100.00%

**Net Contents:**

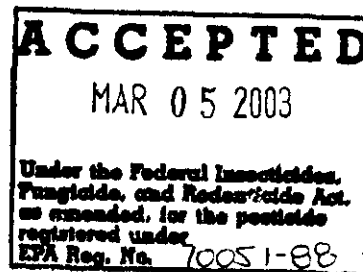
**50 U.S. Pound Bag**

EPA REG. No. 70051-88

EPA EST No. 42761-MS-001

The percent active ingredient does not indicate product performance and potency measurements are not federally standardized.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**



**FIRST AID**

**If on skin or clothing:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**If in eyes:** Hold eye open and rinse slowly and gently for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.

**If inhaled:** Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth, if possible.

**If swallowed:** Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything to an unconscious person.

Call Poison control center or doctor for treatment advice.

Manufactured by  
Certis USA  
9145 Guilford Road  
Suite 175  
Columbia, MD 21046

# CERTIS

Hotline Number: 1-800-255-3924

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

**PRECAUTIONARY STATEMENTS  
CAUTION**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**Personal Protective Equipment (PPE):**

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Shoes plus socks
- Waterproof gloves
- Mixers/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**ENVIRONMENTAL HAZARDS**

Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark.

Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal.

**Pesticide Storage:** Store in a cool, dry place inaccessible to children.

**Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**Container Disposal:** Completely empty bag in application equipment, then dispose of empty bag in a sanitary landfill or by incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

**AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. The requirements in this section only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is: coveralls, waterproof gloves, shoes plus socks.

**NON-AGRICULTURAL USE REQUIREMENTS**

The requirements in this box apply to the uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

**Do not enter treated areas without protective clothing until dusts have settled.**

LEPINOX G is a bioinsecticide for control of lepidopterous larvae. Larvae must consume deposits of LEPINOX G to be affected.

**Mode of Action:** After consuming a lethal dose of LEPINOX G, larvae will cease to feed, but may remain alive on foliage for several days before disappearing. Immediately after ingestion of LEPINOX G, larvae begin to move slowly, become discolored, shrivel and blacken prior to death.

**APPLICATION RATE TABLE**

Crops	Pest	Rate
Seed Corn Field Corn Popcorn Sweet Corn	Fall armyworm Corn earworm European corn borer	5-10 lbs/acre*

\*Use higher rate when applied with aerial equipment.

**FALL ARMYWORM AND CORN EARWORM**

LEPINOX G should be applied directly to whorls when economic infestations of larvae are present. Corn must be treated when early instar larvae are observed and prior to significant defoliation. Consult State Extension Service recommendations for determining economic thresholds.

**EUROPEAN CORN BORER  
FIRST GENERATION**

LEPINOX G should be applied directly to whorls when larvae are present. Field corn should be scouted and treated when 35 percent of whorls show shot hole feeding. Seed corn should be treated when approximately 25 percent of plants show shot hole feeding. Corn must be treated when early instar larvae are observed and before they have begun stalk boring.

**SECOND GENERATION**

Always follow State Extension Service recommendations; usually 50 egg masses per 100 plants. A second application may be necessary under conditions of intense population.

**APPLICATION INSTRUCTIONS**

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

LEPINOX G is a bioinsecticide for use against the lepidopterous larvae listed in the APPLICATION RATE TABLE. Larvae must consume deposits of LEPINOX G to be affected. Always follow these directions:

- Careful scouting and attention to infestations are essential to good control.
- Make applications when larvae are still small (early instars) and actively feeding on foliage or other plant parts.
- Applications should be repeated at an interval sufficient to maintain control, depending upon plant growth, insect pressure and weather conditions after treatment.
- Local conditions may affect the use of LEPINOX G. Consult your State Agricultural Extension Specialist for specific recommendations related to local crop protection problems.

**WARRANTY**

Certis USA, L.L.C. warrants that the material contained herein conforms to the description on the label and is reasonably fit for the purposes referred to in the directions for use. Timing and method of application, weather, watering practices, nature of soil, the insect problem, condition of the crop, incompatibility with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herein. **NO OTHER EXPRESS OR IMPLIED WARRANTY OF THE FITNESS OR MERCHANTABILITY IS MADE.**

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Patent Pending  
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