

55638-36

07/31/1997

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**LEPINOX<sup>®</sup> G** granular bioinsecticide is a biological insecticide for the control of lepidopterous larvae on corn.

**Active Ingredient:**

*Bacillus thuringiensis* subspecies *kurstaki* EG7826

Lepidopteran active toxin .....	2.00%
<b>Inert Ingredients</b> .....	<b>98.00%</b>
<b>TOTAL</b> .....	<b>100.00%</b>

0.02 lbs. active ingredient per pound  
 Potency: 7,000 Fall Armyworm Units per milligram of product. Potency units should not be used to adjust use rates beyond those specified in the Directions for Use section.

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**If In Eyes:** Flush with plenty of water. Call a physician if irritation persists.

**PRECAUTIONARY STATEMENTS**

**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

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.

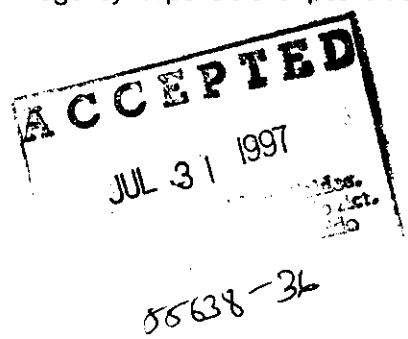
**Pesticide Storage:** Store in a cool, dry place inaccessible to children.

**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.



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APR -9 12:31  
EPPD1

EPA REG. No. 55638-36  
 EPA EST. No. 39578-TX-1 07

(Subscript refers to last 2 digits of lot number on container.)  
 Net Contents: 50 U.S. Pound bag



Ecogen Inc.  
 2005 Cabot Blvd. West, P.O. Box 3023  
 Langhorne, PA 19047-3023  
 215/757-1590 or 800/220-2135

### 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	Fall armyworm	5-10 lbs/acre*
Field Corn	Corn earworm	
Popcorn	European	
Sweet Corn	corn borer	

\* 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

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 Agriculture Extension Specialist for specific recommendations related to local crop protection problems.

### WARRANTY AND CONDITIONS OF SALE

Ecogen warrants that this product conforms to the description on this label and is reasonably fit for the purposes stated on this label when used in accordance with the directions on this label under normal conditions of use.

ECOGEN MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

If this product is defective, Buyer's exclusive remedy shall be the replacement of the product, or if replacement is impracticable, refund of the purchase price.