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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
275-96

Date of Issuance:

NOTICE OF PESTICIDE:  
 Registration  
 Reregistration

(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:

Name and Address of Registrant (include ZIP Code):  
Abbott Laboratories  
Dept 28R, Bldg. A1  
1401 Sheridan Road  
North Chicago, Illinois 60064-4000

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.

2. Make the following label changes:

a. Revise the EPA Registration Number to read, "EPA Reg. No. 275-96".

Signature of Approving Official:  
  
(See second page for signature)

Date:  
3/8/95

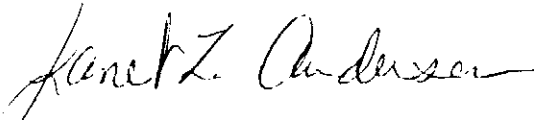
page 2

EPA Reg. No. 275-<sup>96</sup>~~69~~

3 . Submit five (5) copies of your revised final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.



Janet Andersen, Acting Director  
Biopesticides and Pollution Prevention Division

ABG-6389  
SAND GRANULE  
BIOLOGICAL INSECTICIDE

ACTIVE INGREDIENT:

*Bacillus thuringiensis*, subsp. *kurstaki*, 1600 International

Units of Potency per mg.\* .....0.32%

INERT INGREDIENTS:.....99.68%

TOTAL:.....100.0%

\*This product contains 0.726 Billion IU/lb.

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**

Abbott Laboratories  
Chemical and Agricultural Products Division  
North Chicago, Illinois 60064

EPA Reg. No.  
EPA Est. No. 33762-IA-1

ACCEPTED  
with COMMENTS  
in EPA Letter 10/1/82

438 05 100

Under the Federal Insecticide,  
Fungicide, and Fertilizer Act as  
amended, for the pesticide  
registered under EPA Reg. No.

~~275-46~~  
275-46

**STATEMENT OF PRACTICAL TREATMENT**

In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists.

427

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS (AND DOMESTIC ANIMALS)**

Caution:

Avoid inhalation or contact with eyes, skin or clothing.

**Personal Protective Equipment**

Some materials that are chemical-resistant to this product are listed below.

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, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations**

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**ENVIRONMENTAL HAZARDS**

Keep out of lakes, ponds, or streams. Do not contaminate water by cleaning of equipment or disposal of wastes.

**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 box 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 12 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
- \* Shoes plus socks

### **STORAGE AND DISPOSAL**

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

**STORAGE:** Store in a cool, dry place.

**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 into 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.

687  
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### GENERAL INFORMATION

ABG-6389 is a granular formulation of *Bacillus thuringiensis* variety *kurstaki*, designed specifically as a selective insecticide for control of certain leaf-eating caterpillars (Lepidoptera). For practical determinations of active ingredient, ABG-6389 can be expressed as a 10% formula of DiPel WP. The active ingredient in ABG-6389 is a stomach poison and therefore must be eaten by larvae to be effective. Climatic extremes such as heavy rain or strong wind shortly after treatment may act to remove ABG-6389 from the feeding zone making re-treatment necessary.

### NOTICE

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Local conditions may affect the use of ABG-6389. Consult State Agricultural Extension or Experiment Station Specialists for specific recommendations related to local crop protection problems. Abbott makes no warranty, express or implied, including the warranties of commercially acceptable quality and/or fitness for any particular purpose concerning this material, other than those which are contained on this label.  
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APPLICATION

Crop	Pest	Rate	Comments
Seed Corn, Field Corn, Popcorn and Sweet Corn	<p>European Corn Borer, (<i>Ostrinia nubilalis</i>), First and Second Generation</p> <p>Southwestern Corn Borer (<i>Diatraea grandiosella</i>)</p>	<p>6-10 lbs/acre (aerial application)</p> <p>3-10 lbs/acre (banded over row with ground application)</p>	<p>First Generation: Apply ABG-6389 directly to corn whorls. Treat seed corn when 25 percent of plants show shot hole feeding in the whorls and field corn when 35 percent of whorls show feeding. Larvae should be small and present at this time. Satisfactory control cannot be expected if treatment is delayed to higher injury levels or after larvae have begun stalk boring.</p> <p>Second Generation: Apply ABG-6389 when a field count shows 50 egg masses per 100 plants and the first hatch is occurring or follow your State Extension Service recommendation. Under conditions of intensive population pressure, a second application may be necessary.</p>
	Fall Armyworm ( <i>Spodoptera frugiperda</i> )	10-20 lbs/acre (aerial and ground)	<p>Ground or aerial equipment Apply ABG-6389 directly to corn whorls. Treat sweet corn when 10-12 percent of plants show feeding in the whorls. Field corn should be treated when 75 percent of the plant whorls show feeding damage. Treatment thresholds vary for different types of corn so consult State Agricultural Extension specialists for specific recommendations. Under high pest pressure, a second application may be necessary.</p>
Tobacco	Tobacco Budworm ( <i>Heliothis virescens</i> )	5-10 lbs/acre	Ground equipment: Apply ABG-6389 by hand or properly calibrated mechanical ground equipment.

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Page 5 of 5

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