



United States  
**Environmental Protection Agency**  
 Washington, DC 20460

275-96

Registration  
 Amendment  
 Other

OPP Identifier Number  
**226709**

**Application for Pesticide - Section I**

1. Company/Product Number Abbott Laboratories/275-69 96		2. EPA Product Manager James Andersen		3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted	
4. Company/Product (Name) Abbott Laboratories/DiPal SG		PM# 60			
5. Name and Address of Applicant (Include ZIP Code) Abbott Laboratoires D-28R Chemical & Agricultural Products Division Building A1 1401 Sheridan Rd. North Chicago, IL 60064-4000 <input type="checkbox"/> Check if this is a new address			6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____		

**Section - II**

<input checked="" type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

NOTIFICATION

Change FEI to 4 hours.

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**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Metal Plastic Glass Paper Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled			<input type="checkbox"/> Other _____		

**Section - IV**

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)		
Name James A. Andersen	Title Manager, Registrations	Telephone No. (Include Area Code) 708/631-7205
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received  <b>(Stamped)</b>
2. Signature <i>James A. Andersen</i>	3. Title James A. Andersen	
4. Typed Name James A. Andersen	5. Date 12/22/94	

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DIPEL SG  
SAND GRANULE  
BIOLOGICAL INSECTICIDE

ACTIVE INGREDIENT:

*Bacillus thuringiensis*, subsp. *kurstaki*, 1600 International  
Units of Potency per mg. \* .....0.32%

INERT

INGREDIENTS:.....99.68%

TOTAL:.....100.00%

\*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

YHR

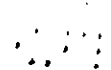


Abbott Laboratories  
Chemical and Agricultural Products Division  
North Chicago, Illinois 60064

EPA Reg. No. 275-~~89~~ 96  
EPA Est. No. 33782-IA-1

STATEMENT OF PRACTICAL TREATMENT

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



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

**Caution:**

Avoid inhalation or contact with eyes, skin or clothing.

**Personal Protective Equipment**

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.

Handwritten mark

### 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 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:

- \* Waterproof gloves
- \* 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.

### GENERAL INFORMATION

DiPel SG 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, DiPel SG can be expressed as a 10% formula of DiPel WP. The active ingredient in DiPel SG 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 DiPel SG from the feeding zone making re-treatment necessary.

**NOTICE**

Local conditions may affect the use of DiPel SG. 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 DiPel SG 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 DiPel SG 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>
	<p>Fall Armyworm (<i>Spodoptera frugiperda</i>)</p>	<p>10-20 lbs/acre (aerial and ground)</p>	<p>Ground or aerial equipment. Apply DiPel SG 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	<p>Tobacco Budworm (<i>Heliothis virescens</i>)</p>	<p>5-10 lbs/acre</p>	<p>Ground equipment. Apply DiPel SG by hand or properly calibrated mechanical ground equipment.</p>

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