

Biological Insecticide

DiPel® SG

Sand Granules

ACTIVE INGREDIENT:
Bacillus thuringiensis subsp. *kurstaki* 0.32%
 1600 International Units of Potency per mg* 99.99%
INERT INGREDIENTS 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

LIST NO. 5277-04-01
 EPA REG. NO. 275-96
 EPA EST. NO. 33762-1A-1

LOT NO.

NET WEIGHT: 50 LBS



Chemical and Agricultural Products Division
 Abbott Laboratories, North Chicago, IL 60062

ACCEPTED

MAY 7 1996

Under the Federal Insecticide, Fungicide, and Rodenticide Act.

EPA Reg. No. 275-96

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

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 instruction 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
 User 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 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
 — Shoes plus socks
 — Waterproof gloves

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 formation of *Bacillus thuringiensis* subsp. *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.

APPLICATION

Crop	Pest	Rate	Comments
Seed Corn, Field Corn, Popcorn, and Sweet Corn	European Corn Borer (<i>Ostrinia nubilalis</i> , First and Second Generation)	8-10 lbs/acre (aerial application)	GROUND OR AERIAL EQUIPMENT 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. 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. GROUND OR AERIAL EQUIPMENT Apply DiPel SG directly to corn whorls. Treat sweet corn when 10-12 percent of the 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. GROUND EQUIPMENT Apply DiPel SG by hand or properly calibrated mechanical ground equipment.
	Southwestern Corn Borer (<i>Diatraea grandiosella</i>)	5-10 lbs/acre banded over-row with ground application	
	Fall Armyworm (<i>Spodoptera frugiperda</i>)	10-20 lbs/acre (aerial and ground application)	
Tobacco	Tobacco Budworm (<i>Heliothis virescens</i>)	5-10 lbs/acre	GROUND EQUIPMENT Apply DiPel SG by hand or properly calibrated mechanical ground equipment.