

# Product Bulletin



Valent U.S.A. Corporation  
1333 N. California Blvd.  
Walnut Creek, CA 94596

FOR DISTRIBUTION AND USE ONLY IN THE STATE OF TEXAS  
**DiPel® ES Biological Insecticide Emulsifiable Suspension**  
FOR CONTROL OF INDIAN MEAL MOTH IN STORED AGRICULTURAL COMMODITIES  
EPA Reg. No. 73049-17  
EPA SLN No. TX-020001

Active Ingredient

*Bacillus Thuringiensis*, subsp. *kurstaki* ..... 3.5%  
Other Ingredients ..... 96.5%  
Total: ..... 100%

### 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 THROUGH ANY TYPE OF IRRIGATION SYSTEM.**

### GENERAL INFORMATION

DiPel ES may be used for the control of Indian Meal Moth, *Plodia interpunctella*, for stored agricultural commodities – grains, soybeans, sunflower seed, crop seed, condimental seeds, spices, herbs, birdseed and popcorn.

### APPLICATION INFORMATION

Product	Product Rate	Insects Controlled
DiPel ES	¾ pint/100 bushels undiluted or diluted	Indian Meal Moth

**BAGGED GRAIN:**

- For the protection of bagged grain including birdseed, apply the dosage to the entire grain mass and mix thoroughly prior to bagging

**STORED GRAIN:**

- As a surface treatment, apply 15 fl. oz. of DiPel ES in 5-10 gallons of water per 500 sq. ft. of grain surface area and mix into the top 4 inches. For commodities coarser than shelled corn, increase depth of treatment according to the habit of the pest.
- To auger into the bin, apply the dosage into the grain stream as the last (top) four inch layer is augered into the bin. Mix 1.45 fl. oz. DiPel ES per gallon of water. Apply 0.6 pint of this mixture per bushel.
- This treatment controls the moth larvae. If an infestation is present when the grain is treated, moth emergence may continue for several days. If immediate control of severe infestations is desired, grain should be fumigated prior to application of this treatment. DiPel ES will not control weevils or other beetles.

- Treatments can be applied to stored grain at any time, but for best results, make application immediately after harvest before moth activity occurs. In areas where late fall harvested grain is not subject to infestation because of low temperatures, application can be delayed until late winter or early spring before moth activity begins. Control for a full storage season should normally be expected; however, repeat application if infestation recurs.
- Grain treated with DiPel ES can be used at any time after treatment for any use.

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Follow all applicable directions, restrictions and precautions on the EPA-registered label.

This label and the EPA Registered label must be in the possession of the user at the time of mixing and pesticide application.

FIFRA § 24(c) Registrant: VALENT BioSciences Corporation  
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