WETTABLE POWDER
BIOLOGICAL INSECTICIDE

Active Ingredient:
Bacillus thuringiensis, var. kurstaki, 16,000 International Units of Potency per mg. (7.26 billion International Units per pound)..... 3.2%
Inert Ingredients.....96.8%

dipel
WETTABLE POWDER
BIOLOGICAL INSECTICIDE
Active Ingredient:
Bacillus thuringiensis, Berliner 16,000 International Units of Potency per mg. (7.26 billion International Units per pound)

KEEP OUT OF REACH OF CHILDREN

CAUTION

EPA Registration No. 275-18
EPA Est. No. 33762-IA-1

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BENEFICIAL INSECTS

Honey bees foraging treated areas are not harmed by DIPEL use

DIPEL does not interrupt the activities of beneficial and predacious arthropods in pest management programs

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling

275-18

STORAGE AND DISPOSAL
See container label

STORAGE AND DISPOSAL

DIPEL

DISPOSAL

Days to harvest Dose rates are for use on up to and including the day of harvest

Sites DIPEL is to be used for use labeled pest on both food and greenhouse

Bacillus thuringiensis is exempt from the requirement of a tolerance on all raw agricultural commodities when applied to growing crops or after harvest in accordance with good agricultural practices

For Smaller Spray Volumes	Use Dst Amount
If Rate is	Per Gallon

DIRECTIONS FOR USE

DIPEL is a highly selective insecticide for use against listed caterpillars (larvae) of lepidopterous insects. Close scouting and early attention to infestations is highly recommended. Larvae must feed on deposits of DIPEL to be affected. Always follow these directions

- Treat when larvae are young (early instars) before the crop is extensively damaged
- Larvae must be actively feeding on treated exposed plant parts
- Thorough spray coverage is needed to provide a uniform deposit of DIPEL at the site of larval feeding. For concentrate directed drop nozzles by ground machine are required
- Under heavy pest population pressure use the higher label rates, shorten the spray interval and/or raise gallonage to improve spray coverage
- Repeat applications at an interval sufficient to maintain control usually 3 to 14 days depending upon plant growth, rate of growth, rainfall after treatment and other factors. If attempting to control specific caterpillar complex, spray make the treatment when egg hatch is essentially complete but before extensive crop damage occurs
- A spreader-sticker which has been approved for use on growing crops should be added if the label so recommends. Use of a spreader-sticker may improve weather fastness of the spray deposits

After a single lethal dose of DIPEL has been ingested, when the larvae will stop feeding. Larvae usually die within three days. Larvae may crawl about for several days before they die.

DIPEL may be applied in conventional ground or aerial equipment with gallonages of water sufficient to provide thorough coverage of plant parts. The amount of water to be used will depend on the size of the plants, the stage of growth of the crop, the pest to be controlled, and the type of equipment used. Use at least 2 gallons of water by air except in the

for west 5 to 10 gallons is the usual minimum. Add water to the spray or mixing tank at the level that provides maximum agitation. With the agitator running slowly sprinkle in the DIPEL. Continue agitation. Then add other spray materials if any. Add the balance of the water and agitate until mixed. Maintain the suspension while loading and spraying. Do not mix more DIPEL than can be used in a 12 hour period.

APPLICATION RATE

Crop	Pest	Pounds/Acre
Asparagus, Beans	Cabbage Looper	
	Diamondback Moth	
Potatoes, Potatoes	Green Cloverworm	
	Hornworm	
	Armyworm	

[illegible] DIPEL may be used to suppress [illegible] and 5 [illegible] when populations are light and full coverage [illegible] are applied

[illegible] Peppers	Loopers	
[illegible]	[illegible]	
	[illegible]	
	[illegible]	
	Cabbage Looper	
	Armyworm	

[illegible] DIPEL may be used to suppress [illegible] and 5 [illegible] when populations are light and full coverage [illegible] are applied

[illegible]	[illegible]	
[illegible]	Marigolds	

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[illegible]

[illegible]

[illegible]

**Full plant coverage needed

The mixture of B.t. with chlordimeform [illegible] growth of lepidopterous larvae on plants is covered by [illegible]

DIPEL for Fruits, Nuts, Trees, Ornamentals

Crop	Pest	Pounds/Acre
Grape, Small Fruits, Cane and Bush Berries	Grape Leaf Skeletonizer [illegible] Grape Leaf Folder [illegible] Salt Marsh Caterpillar [illegible] [illegible] Leafroller [illegible] Loopers	[illegible]

Crop	Pest	Pounds/100 Gallons* (Ground Equipment)	Pounds/Acre (Aerial**) Application)
Stone Fruits, Nut Trees [illegible]	Red Humped Caterpillar Tent Caterpillars [illegible] [illegible] Walnut Caterpillar Cankerworms	[illegible]	[illegible]
[illegible]	Cankerworms Gypsy Moth [illegible] Leafroller Redbanded Leafroller Tufted Apple Budmoth Tent Caterpillars	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]
Forest, Shade [illegible] Trees and Ornamentals	[illegible]	[illegible]	[illegible]

[illegible]

Crop	Pest	Lbs/100 Gals
[illegible]	[illegible]	[illegible]

[illegible] are applied

DIPEL FOR STORED AGRICULTURAL COMMODITIES

For the Control of Tobacco Moth on Flue Cured Tobacco

[illegible] to be handled without shattering at the time of application.

Tobacco to be Stored up to Twelve Months

Spray [illegible] leaves as the tobacco is being bundled from the curing barn. For tobacco on sticks, treat both sides of [illegible]

Stored Tobacco

For tobacco which is to be carried over [illegible]

For tobacco that has been stored over three weeks, apply [illegible] promptly open bundles, spray [illegible]

Treatment of Storage Barns

[illegible] has been treated [illegible] going to be treated [illegible] of the floors and walls may be made to aid in control. Sweep [illegible] the area, especially cracks and corners [illegible] in which the moth [illegible]. Make a spray mixture containing 1 oz. DIPEL per [illegible] gallons of water. Apply this at a rate of [illegible] gallon per [illegible] of surface area. Be sure to spray into [illegible]

STORED GRAINS, SOYBEANS, SUNFLOWER SEED, PEANUTS, CROP SEED.

Pest	Rate
[illegible]	[illegible]

[illegible]

[illegible] DIPEL will not control weevils or other beetles.

[illegible]

NOTICE TO USER

[illegible] in accordance with [illegible]

[illegible] are trademarks [illegible]

[illegible] Agricultural Products Division [illegible]

[illegible] Printed in U.S.A.

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