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EPA...  
275-51

# dipel 8L

EMULSIFIABLE SUSPENSION  
BIOLOGICAL INSECTICIDE

Active Ingredient  
*Bacillus thuringiensis*, var. *kurstaki*  
7,600 International Units of Insecticidal Protein per  
mg 64 Billion International Units per  
gallon 35%  
Inert Ingredients 96.5%

KEEP OUT OF REACH OF CHILDREN  
CAUTION

EPA Registration No. 275  
EPA Est. No. 11621X1

### CAUTION

Avoid contact with skin, eyes or clothing.  
In case of contact, remove clothes, flush eyes  
or skin with plenty of water. Get medical  
attention if irritation persists.

### BENEFICIAL INSECTS

Dipel 8L is not a broad spectrum insecticide.  
It does not harm beneficial insects such as  
bees, ladybugs, lacewings, and parasitic  
wasps.

Directions: Dipel 8L should be applied to plants  
or crops after harvest in accordance  
with cultural practices.

### DIRECTIONS FOR USE

Dipel 8L is a highly selective insecticide  
for use against lepidopteran larvae of  
lepidopteran insects. It is stomach and  
early ingestion to mid-stomach is highly  
effective. Larvae must eat deposits of  
Dipel 8L to be affected. Always follow  
these directions.

- Treat when larvae are young, early in  
season, before extensive damage has oc-  
curred.
- Larvae must be actively feeding on treat-  
ed exposed plant parts.
- Do not spray or water crops 3 days pre-  
vious to or 1 day subsequent to Dipel 8L at  
the time of larval feeding.
- Under heavy pest population pressure,  
use the higher label rates, shorten the  
spray interval, and increase gallonage to  
improve spray coverage.
- Repeat applications at an interval of 7 to  
14 days depending on pest pressure. With  
multiple treatments, all other treatments  
should be withheld after the first treat-  
ment with a single spray. Make the treat-  
ment when egg hatch has essentially com-  
pleted, but before extensive crop damage  
occurs.
- A sprayer sticker which has been ap-  
plied to the crop is not necessary. It is not  
effective. The effectiveness is a function  
of the proper weather fastness of the  
spray deposits.

After contact with Dipel 8L, the insect will  
die within 2 to 5 days. It is not a  
systemic insecticide. It does not move  
within the plant.

Dipel 8L is a biological insecticide and  
is not a systemic insecticide. It is not  
effective against insects that do not  
feed on the treated plant parts. It is not  
effective against insects that do not  
ingest the treated plant parts. It is not  
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Dipel 8L is a biological insecticide and  
is not a systemic insecticide. It is not  
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effective against insects that do not  
ingest the treated plant parts.

BEST DOCUMENT AVAILABLE

### DIRECTIONS FOR USE

Directions: Dipel 8L should be applied to plants  
or crops after harvest in accordance  
with cultural practices.

### STORAGE AND DISPOSAL

Keep this product in its original container.  
Do not use any other container.

Days to Harvest: Dipel 8L is a biological  
insecticide. It is not a systemic  
insecticide. It does not move  
within the plant.

the suspension while loading and spraying. Do not mix more DIPEL 8L than can be used in a 72-hour period. CAUTION: Rinse and flush spray equipment thoroughly following each use.

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DIPEL 8L for Trees and Shrubs

Crop	Pest	Pints/100 Gallons* (Ground Equipment)	Pints/Acre (Aerial** Application)
Forest, Shade, Sugar Maple Trees and Shrubs	Gypsy Moth	1/2 to 2	1 to 2
	Bagworm	1/2 to 1	1/2 to 1
	Redhumped Caterpillar	1/4 to 1/2	1/4 to 1/2
	Spring & Fall Cankerworm	1/4 to 1/2	1/4 to 1/2
	Fall Webworm	1/2	1/2
	Elm Spanworm	1/2 to 1	1/2 to 1
	Tent Caterpillars	1/4 to 1/2	1/2 to 1
	California Oakworm	1/4 to 1/2	1/4 to 1/2
	Pine Butterfly	1	1
	Spruce Barkworm <sup>1</sup>	1 to 2	1 to 2
	Saddled Prominent Caterpillar	1/2 to 1	1/2 to 1
	Douglas Fir Tussock Moth	1	1
	Western Tussock Moth	1/2 to 1	-
	Fruitree Leafroller	1/2 to 1	-
	Blackheaded Barkworm	1	-
	Hickory Barkworm	1/2 to 1	-
Jack Pine Barkworm	1/2 to 1	3/4 to 1	
Saddleback Caterpillar	1/2 to 1	-	

\*Water dilution rate for hydraulic sprayer may be varied depending on coverage. For mist blowers, this is the applicable amount (pts.) in up to 10 gallons of water.

\*\*For aerial application against all pests, use in up to 10 gallons of water depending on type and density of trees. For best results, spray systems which deliver droplet size of 200 microns or less should be used.

†Use rates greater than 1 pint in northern states for heavy populations.

NOTICE TO USER

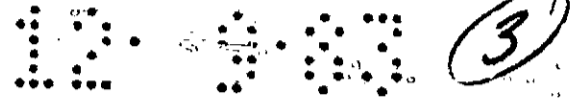
Seller makes no warranty, express or implied, of merchantability, fitness, or otherwise concerning use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.



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

Net Contents: 2½ Gallons

8L



NO PREVIOUS EXPERIENCE AVAILABLE



**EMULSIFIABLE SUSPENSION  
BIOLOGICAL INSECTICIDE**

Active Ingredient

var.

kurstaki, 17,600 International Units of  
Potency per mg ( billion  
International Units per gallon) 3.5%  
Inert Ingredients 96.5%

**KEEP OUT OF REACH OF CHILDREN.  
CAUTION**

3

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**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS (and Domestic Animals)**

**CAUTION**

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

**Beneficial Insects**

Honey Bees foraging treated areas are not harmed by Dipel  $\text{DL}$  use. Dipel  $\text{DL}$  does not interrupt the activities of beneficial and predatory 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.

Refer to Package Enclosure for crop, rates and general directions.

**STORAGE AND DISPOSAL**

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

**STORAGE** Keep containers tightly closed when not in use. At temperatures less than 0°F and greater than 100°F, Dipel  $\text{DL}$  should be stored under cover.

**PESTICIDE DISPOSAL** Pesticide, spray mixture, or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.

**CONTAINER DISPOSAL** Triple rinse (or equivalent). Dispose of in a sanitary landfill, or by incineration if allowed by state and local authorities.

**NOTICE TO USER**

Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.

List No.

EPA Registration No. 275-

EPA Est. No. 33762-1A-1

Lot No.

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

BEST DOCUMENT AVAILABLE

(4)

Net Contents: 2½ Gallons

70

(5)



**EMULSIFIABLE SUSPENSION  
BIOLOGICAL INSECTICIDE**

Active Ingredient:

	var.
kurstaki, 17,400 International Units of Potency per mg (64 billion International Units per gallon) .....	3.5%
Inert Ingredients .....	96.5%

DOCUMENT AVAILABLE

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
(and Domestic Animals)**

**CAUTION**  
Avoid contact with skin, eyes or clothing. In case of contact, immediately wash eyes or skin with plenty of water. Get medical attention if irritation persists.

**Beneficial Insects**  
Honey bees foraging in treated areas are not harmed by Dipel® use. Dipel® does not interrupt the activities of beneficial and predatory arthropods in pest management programs.


**Directions for Use**  
Use only in accordance with label directions. Do not use in an application different from that appearing on the label. Refer to package for specific directions and general information.

**STORAGE AND DISPOSAL**  
Do not store in bare water. Store in original storage container.

**STORAGE** Keep in original container until ready to use. After use, store in original container and keep tightly closed. Do not store in unapproved containers. Do not use unapproved containers. Do not use unapproved containers. Do not use unapproved containers.

**CONTAINER DISPOSAL** Repurpose or recycle in accordance with local, state and federal regulations. Do not use for any other purpose. Do not use for any other purpose.

**NOTICE TO USER**  
See label for information on the use of this product. This product is for use on insects. Do not use on other insects. Do not use on other insects. Do not use on other insects.

 Environmental Protection Agency  
Washington, D.C. 20460

BEST DOCUMENT AVAILABLE

# **Dipel®** **WORM KILLER**

EMULSIFIABLE SUSPENSION  
BIOLOGICAL INSECTICIDE  
Active ingredient:  
**Bacillus thuringiensis, var  
kurstakii** 17,200 International Units of  
Potency per mg (2.7 billion  
International Units per gallon) 3.0%  
Inert ingredients 97.0%

KEEP OUT OF REACH OF CHILDREN  
**CAUTION**

NET CONTENTS: 55 GALLONS

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS  
(and Domestic Animals)**

**CAUTION**

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

**Beneficial Insects**

Money bees foraging treated areas are not harmed by Dipel® use.

Dipel® does not interrupt the activities of beneficial and predatory arthropods in pest management programs.

**Directions for Use**

This is a biological insecticide. Use this product in a manner consistent with its labeling. Refer to the Dipel® label for crop rates and general directions.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed with spray or disposal.

STUFF (Asst.) keep out of reach of children. Do not use. All temperatures above 100°F and greater than 100°F. Dipel® is not to be used under cover.

PESTICIDE USE: All keep out of reach of children. Rinse water that will be used for irrigation. Label instructions must be followed. Refer to applicable Federal, state, or local regulations.

CONTAINER DISPOSAL: For complete equivalent.

**NOTICE TO USER**

Buyer makes no warranty, express or implied, in merchantability, fitness or otherwise, for the use of this product other than as indicated on the label. User assumes all risks of use, storage, handling and disposal. See also the label and accompanying literature.

EPA Reg. No. 100-100000

EPA Reg. No. 100-100000

EPA Reg. No. 100-100000

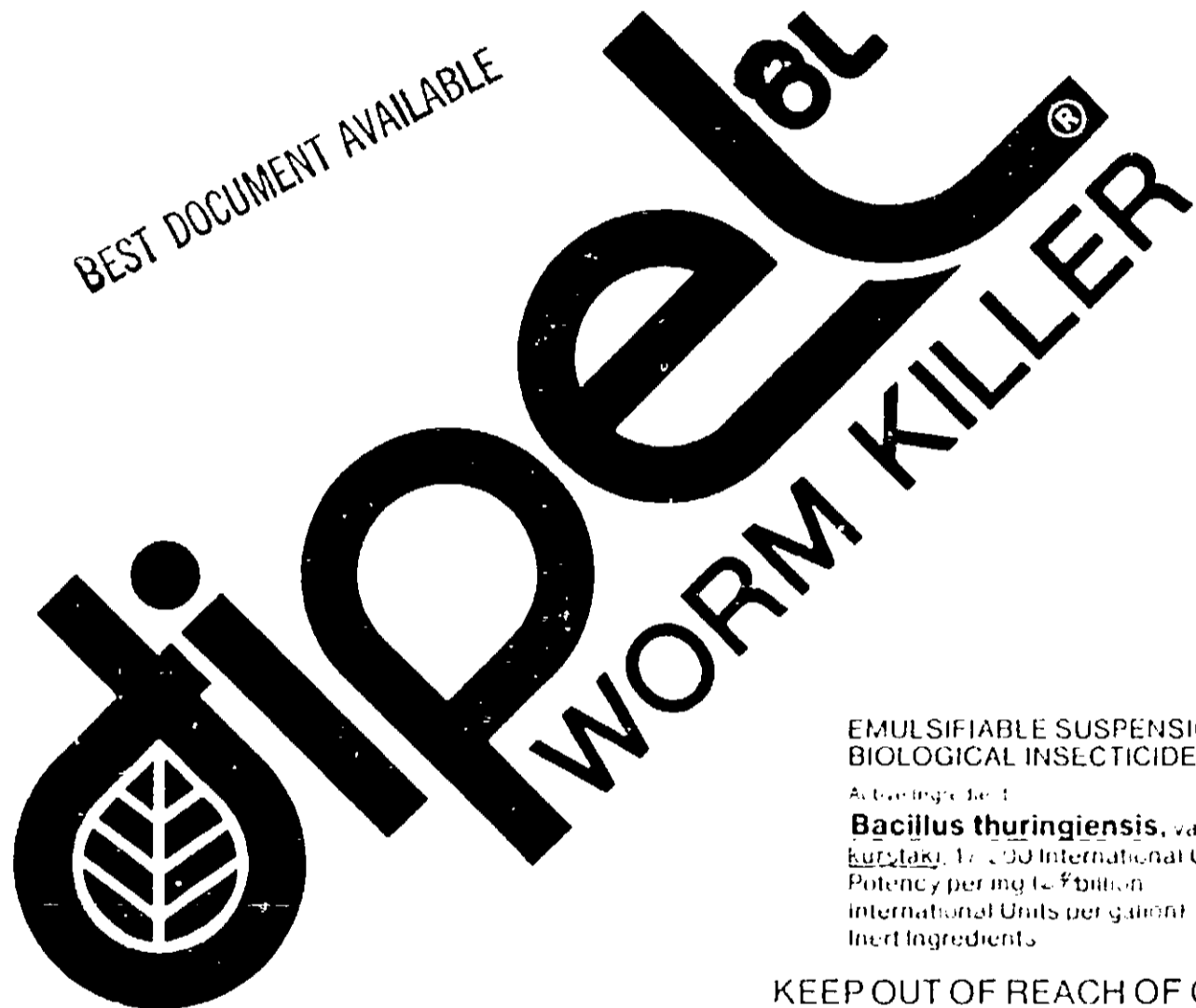


Chemagro Corporation  
Products Division  
Agricultural Division  
Northridge, California 91324

LGND

100-100000

BEST DOCUMENT AVAILABLE



EMULSIFIABLE SUSPENSION  
BIOLOGICAL INSECTICIDE

Active ingredient:  
**Bacillus thuringiensis, var.**  
**kurstaki**, 17,000 International Units of  
Potency per mg (4.7 billion  
International Units per gram)  
Inert ingredients 82.5%

KEEP OUT OF REACH OF CHILDREN  
CAUTION

NET CONTENTS: BULK TANK CAR/TRUCK

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (BH 567) WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	

NOTICE OF PESTICIDE:  REGISTRATION  
 REREGERISTRATION  
*(Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended.)*

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

**BEST DOCUMENT AVAILABLE**

**NOTE:** Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an endorsement or approval of this product by this 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.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL	DATE
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