

dipel 8L

DIPEL 8L
 INSECTICIDE
 Active ingredient: Deltamethrin
 Health Hazard: Irritant
 Environmental Hazard: Slightly Toxic
 EPA Registration No. 275-51
 EPA Est. No. 36621A1

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

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
 Beneficial insects for which there are not
 known antidotes are listed on the label.
 Dipel 8L is not toxic to the beneficial
 insects listed on the label.

Apply to plants when applied from a
 container or after harvest in accordance
 with agricultural practices.

DIRECTIONS FOR USE
 DIPEL 8L is a highly selective insecticide
 for use against listed caterpillars (larvae) of
 lepidopterous insects. Use scouting and
 early attention to infestations is highly
 recommended. Larvae must eat deposits of
 DIPEL 8L to be affected. Always follow
 these directions:

- Treat when larvae are young (early in
 stage) before extensive damage has oc-
 curred.
- Larvae must be actively feeding on treat-
 ed exposed plant parts.
- The rough spray coverage is needed to pro-
 vide a uniform deposit of DIPEL 8L at
 the site of larval feeding.
- Under heavy pest population pressure
 use the higher label rate, ~~reduce the~~
~~spray volume~~, and/or raise galleage to
 improve spray coverage.
- Repeat applications at an interval with
 respect to insect population density. Do not
 exceed the maximum number of applications
 per season. Do not apply after treatment
 and before harvest. If attempting to control a
 pest with a single spray, make the treat-
 ment when the crop batch is essentially com-
 plete, but before extensive crop damage
 occurs.
- A sprayer/sticker which has been ap-
 proved for use in growing or harvesting
 crops ~~may~~ be added if it is anticipated
 to improve weather fastness of the
 spray deposits.

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After eating a lethal dose of DIPEL 8L,
 larvae stop feeding within the hour and will
 die within several days. Dying larvae move
 slowly, discolor, then shrivel, darken and
 die.

DIPEL 8L may be applied in concentrated
 ground or aerial application with quantities
 of water sufficient to provide the rough cov-
 erage of treated plant parts. The amount of
 water needed per acre will depend on weath-
 er, spray equipment, and local experience.
 Fill the mix tank or
 the hopper with ~~the~~ the desired
 quantity of water. Start the mechanical or
 hydraulic agitation to provide the desired
 concentration of DIPEL 8L. Always
 add the DIPEL 8L to the water prior to the
 addition of DIPEL 8L. Add the desired volume of
 DIPEL 8L to the tank or hopper to provide
 the desired quantity of water. Monitor
 the desired quantity of water. Monitor

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DIRECTIONS FOR USE
 Please refer to Federal law to use this
 product in a manner inconsistent with its
 labeling.

STORAGE AND DISPOSAL
 See container label.

Days to Harvest There are no restrictions on
 applying DIPEL 8L up to the time of harvest.
 Bacillus thuringiensis is exempt from the
 requirement of a tolerance on all raw agric-

ACQ 275-51
 with
 to EPA
 275-51

the suspension while loading and spraying.
 Do not mix more DIIPEL 8L than can be used
 in a 24-hour period. **CAUTION:** Rinse and
 flush spray equipment thoroughly following
 each use.

DIIPEL 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 1/2	1 to 2 1/2
	Browntail Moth	1/2 to 2-1/2	1 to 2-1/2
	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
	Eln Sawworm	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 Budworms	1 to 2 1/2	1 to 2 1/2
	Saddleback Caterpillar	1/2 to 1	1/2 to 1
	Douglas Fir Tussock Moth	1	1
	Western Tussock Moth	1/2 to 1	-
	Fruit Tree Leafroller	1/2 to 1	-
	Blackheaded Budworm	1	-
Hickory Webworm	1/2 to 1	-	
Jack Pine Budworm	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, mix the applicable amount (pints) 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. Dipel 8L should always be mixed with at least an equal amount of water for diluted applications.
 (1) Use rates greater than 1 pint in Northern states for heavy populations. Dipel 8L may be sprayed undiluted for the control of spruce budworm.

NOTICE TO USER

Abbott 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

List

BEST DOCUMENT AVAILABLE

To Raven

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WAK

Mr. Walter Malosh
Chemical & Agricultural Products Division
Abbott Laboratories
14th Street & Sheridan Road
North Chicago, IL

Dear Mr. Malosh:

Subject: Dipel HL (B.t. Kurstaki - 17,600 IU/oz)
Emulsifiable Suspension
EPA Registration No. 275-51
Your Submission of January 28, 1984

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Note: Your labels were of poor photoreproductive quality. You must at your next printing or within a year, submit final printed labels or photoreproductions of much better quality.

Sincerely yours,

Timothy A. Gardner
Product Manager (17)
Insecticide-Rodenticide Branch
Registration Division (TS-757)

RD-IRB:DCR-05609:Nelson:pac:Raven:557-2226:CBI-22:3/1/84:Del.3/17/84

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							