

DIPEL 6L
EMULSIFIABLE SUSPENSION
BIOLOGICAL INSECTICIDE

ACTIVE INGREDIENT: Bacillus thuringiensis, var. kurstaki, 13,200 International Units of Potency per mg (48 Billion International Units per gallon)	2.6 %
INERT INGREDIENTS	97.4%
TOTAL	100.00%

EPA Reg. No. 275-48

EPA Est. No. 33762-IA-1

CAUTION: Keep Out of Reach of Children

PRECAUTIONARY STATEMENTS

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

Honeybees foraging in treated areas are not harmed by DIPEL 6L use. DIPEL 6L does not interrupt the activities of beneficial and predacious arthropods in pest management programs.

STORAGE AND DISPOSAL

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

STORAGE

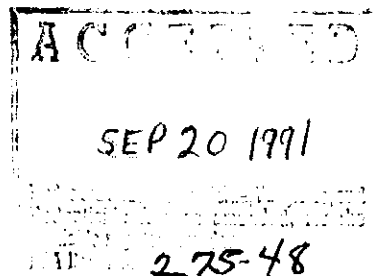
Keep containers tightly closed when not in use. Do not store at temperatures below 0°F or above 90°F. Roll or shake the drum before dispensing.

PESTICIDE DISPOSAL

Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL

Triple rinse (or equivalent), then puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities.



DIRECTIONS FOR USE

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

DIPEL 6L 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 eat deposits of DIPEL 6L to be affected. Always follow these directions:

- Treat when larvae are young (early instars) before extensive damage has occurred.
- Larvae must be actively feeding on treated, exposed plant parts.
- Thorough spray coverage is needed to provide a uniform deposit of DIPEL 6L at the site of larval feeding.
- Under heavy pest population pressure, use the higher label rates and/or consider a second application.
- If attempting to control a pest with a single spray, make the treatment when egg hatch is essentially complete, but before extensive crop damage occurs.
- An approved spreader-sticker may be added to diluted tank mixes to improve weather-fastness of the spray deposits. Do not add sticker to the undiluted product.

After eating a lethal dose of DIPEL 6L, larvae stop feeding within the hour and will die within several days. Dying larvae move slowly, discolor, then shrivel, blacken and die.

DIPEL 6L may be applied in conventional ground or aerial equipment with quantities of water sufficient to provide thorough coverage of infested plant parts. The amount of water needed per acre will depend on weather, spray equipment and plant canopy type. DIPEL 6L should always be mixed with at least an equal amount of water for diluted applications. Fill the mix tank or plane hopper with the desired quantity of water. Include rinse water from containers. Start the mechanical or hydraulic agitation to provide moderate circulation before adding DIPEL 6L. Add the desired volume of DIPEL 6L to the tank or plane hopper and continue circulation. If a spreader-sticker is recommended, add the required volume to the water-Dipel tank mix last and agitate until uniformly suspended. Mild agitation is sufficient to maintain mixture suspension during loading and spraying. Do not mix more DIPEL 6L that can be used in a 144-hour period.

DIPEL 6L can also be applied undiluted from aircraft for control of Spruce Budworms, Hemlock Looper, Jack Pine Budworm and Gypsy Moth. It is recommended that rotary or other atomizers be used to provide droplet Volume Mean Diameters (VMD) of 20-80 microns for needle conifers and 50-150 microns for deciduous hardwoods. **CAUTION:** Rinse and flush spray equipment thoroughly following each use. Use oil solvent for flushing and rinsing undiluted DIPEL 6L.

DIPEL 6L FOR TREES AND SHRUBS

CROP	PEST	OZ./100 GAL./A.* (GROUND EQUIPMENT)	OZ./ACRE (AERIAL** APPLICATION)	BIU'S/A***
Forest, shade, Sugar Maple, Trees & Shrubs	Bagworm	11 to 21	11 to 21	4 to 8
	Blackheaded Budworm	21 to 32	21 to 32	8 to 12
	Browntail Moth	21 to 54	21 to 54	8 to 20
	California Oakworm	11 to 21	11 to 21	4 to 8
	Douglas Fir Tussock Moth	11 to 43	11 to 43	8 to 16
	Eastern Tent Caterpillar	8 to 16	8 to 16	4 to 8
	Elm Spanworm	11 to 21	11 to 21	4 to 8
	Fall Webworm	11 to 21	11 to 21	4 to 8
	Forest Tent Caterpillar	16 to 32	16 to 32	8 to 16
	Fruittree Leafroller	11 to 21	-	4 to 8
	Green Striped Maple Worm	21 to 32	21 to 32	8 to 12
	Gypsy Moth	21 to 107	21 to 107	8 to 40
	Jack Pine Budworm	21 to 43	21 to 43	8 to 16
	Mimosa Webworm	11 to 21	-	4 to 8
	Oak Leftier	21 to 32	21 to 32	8 to 12
	Pine Butterfly	21 to 32	21 to 32	8 to 12
	Redhumped Caterpillar	11 to 21	11 to 21	4 to 8
	Saddleback Caterpillar	11 to 21	-	4 to 8
	Saddled Prominent Caterpillar	11 to 21	11 to 21	4 to 8
	Spring & Fall Cankermorm ¹	11 to 21	11 to 21	4 to 8
	Spruce Budworms ¹	21 to 54	21 to 54	4 to 20
Western Tussock Moth	11 to 21	11 to 21	4 to 8	
Hemlock Looper	11 to 21	11 to 21	4 to 8	

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

** For aerial application, use in up to 10 gallons of water depending on type and density of trees. For best results spray systems which deliver droplet VMD of 150 microns or less should be used. Dipel 6L should always be mixed with at least an equal amount of water for diluted applications. Note: For Hemlock Looper use 1-2 applications, undiluted, beginning at peak first instar. When applying two applications, apply at 11 ounces/A, one application each at peak first instar and second instar. For the high rate, i.e. 21 ounces/A, apply single application only at peak first instar.

*** Billion International Units per acre

¹ Use rates greater than 21 ounces in Northern states for heavy populations. Dipel 6L may be sprayed undiluted for the control of Spruce Budworms, Jack Pine Budworm and Gypsy Moth.

NOTICE TO USER

Seller makes no warranty, express or implied, or 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.