

97.02.25

Biological Insecticide

DiPel 264 (T.M.)

For Forest and Woodland Use

PRECAUTIONS

RESTRICTED

GUARANTEE:

Bacillus thuringiensis, subsp. kurstaki
26,400 International Units of potency per mg
(equivalent to 25.4 Billion International
Units of potency per litre).

REGISTRATION NO.23044
PEST CONTROL PRODUCT ACT

KEEP OUT OF REACH OF CHILDREN

READ LABEL AND ATTACHED BROCHURE BEFORE USING

Manufactured by:
Abbott Laboratories
1401 Sheridan Road
Chemical and Agricultural Products Division
North Chicago, IL 60064, USA

Canadian Agent:
Abbott Laboratories, Limited
P.O. Box 6150, Station A
Montreal, Canada H3C 3K6

LOT NO.

NET CONTENTS: 209 LITRES

E.P.A. Est. No. 33762-1A-1

((BROCHURE))

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SAMPLE

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NOTICE TO USER: This control product is to be used only in accordance with the directions on this label. It is an offence under the Pest Control Products Act to use a control product under unsafe conditions.

NATURE OF RESTRICTION: This product is to be used only in the manner authorized; consult local pesticide regulatory authorities about use permits which may be required.

DIRECTIONS FOR USE

DiPel 264 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 ingest deposits of DiPel 264 to be affected. Always follow these directions:

- Treat when larvae are young (early instars) before extensive damage occurs.
- Larvae must be actively feeding on treated, exposed plant parts.

- Thorough spray coverage is needed to provide a uniform deposit of DiPel 264 at the site of larval feeding.
- For spruce budworm control treat when majority of buds have flushed or shed bud caps.
- Do not mix this product with any materials other than those specified on this label.
- Repeat applications at an interval sufficient to maintain control, usually 3 to 14 days depending on plant growth rate, larval activity, rainfall after treating, and other factors. If attempting to control hemlock looper with a single spray, make the treatment when egg hatch is essentially complete, but before extensive damage occurs.

To assure a uniform suspension, agitate or recirculate DiPel 264 prior to use. DiPel 264 is to be applied as an undiluted spray for ultra low volume (ULV) applications from aircraft. DiPel 264 should never be mixed or contaminated with water. To avoid contact with water, loading and application equipment should be rinsed and flushed with oil before spray operations. DiPel 264 is non-volatile and can be applied at any relative humidity.

Federal or Provincial officials may recommend inclusion of an oil-soluble dye for purposes of recording spray deposit.

NOTE: Before using this product, consult the regional Natural Resources Canada office, provincial forest authority or the manufacturer for information on timing and method of application.

RATES FOR AERIAL APPLICATIONS

Pest	L/ha	BIU/ha
Eastern Spruce Budworm*	0.6-1.2	15-30
Hemlock Looper**	1.2-1.6	30-40

* For satisfactory control of eastern spruce budworm at lower rates and volumes, (less than or equal to 0.8 L/ha; 20 BIU/ha), DiPel 264 must be applied using enhanced atomization in order to ensure generation of sufficient spray droplets for impingement on conifer foliage, (Balsam Firs, Black Spruce). This requires use of Micronair AU 4000 atomizers with appropriate flow rate (2 L/min./head or less) and blade angle settings to ensure a minimum rotation of 9000 rpm.

** Use 1-2 applications beginning at peak first instar. When applying two applications, apply at 1.2 L/ha; one application each at peak first instar and second instar.

For the high rate, i.e. 1.6 L/ha, a single application at peak first instar may be sufficient.

PRECAUTIONS

Avoid direct application into water bodies. Avoid contamination of water bodies during cleaning of equipment.

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. Mixers and loaders should wear a mist/dust mask when handling the concentrated product.

FIRST AID

If in eyes: flush with plenty of water.

If on skin: wash with plenty of soap and water.

If swallowed, DO NOT induce vomiting. Call a physician or poison control centre.

Get medical attention if irritation persists.

STORAGE

Store in a cool, dry place. Keep container tightly closed.

DISPOSAL

Thoroughly clean and rinse empty drums with water. Follow provincial instructions for any required additional cleaning of the container prior to disposal or recycling. Dispose of the empty container, equipment washings, and tank rinsings in accordance with provincial requirements. For information on the disposal of unused, unwanted product and clean up of spills, contact the Provincial Regulatory Agency or the Manufacturer.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

This label transcript service is offered by the Pest Management Regulatory Agency to provide efficient searching for label information. This service and this information do not replace the official hard-copy label. The PMRA does not provide any guarantee or assurance that the information obtained through this

service is accurate, current or correct, and is therefore not liable for any loss resulting, directly or indirectly, from reliance upon this service.

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