

BIOLOGICAL LARVICIDE

GROUP 11 INSECTICIDE

VECTOBAC* - 200G

Granule

RESTRICTED

GUARANTEE: *Bacillus thuringiensis* subsp. *israelensis*, Serotype H-14, strain HD-14, 200 International Toxic Units (ITU) per milligram (0.2 billion ITU/L).

KEEP OUT OF REACH OF CHILDREN
READ THE LABEL BEFORE USING
POTENTIAL SENSITIZER

REGISTRATION NUMBER. 18158, PEST CONTROL PRODUCTS ACT

NET CONTENTS: **18.1 KG**

Registrant:

Valent BIOSCIENCES™ Corporation
870 Technology Way
Libertyville, IL 60048
U.S.A.

Canadian Agent:

Valent BioSciences Canada, Ltd.
40 King Street West, Suite 2100
Toronto, Ontario M5H3C2
CANADA

Lot No.

Date of Manufacture

E.P.A. Est No. 33762-1A-001

04-3645/R7

RESTRICTED USES

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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:

Suggested Range Rate

MOSQUITOES

3-10 kg/ha* (0.3-1.0 g/m²)

Habitat: Standing Water

Temporary and permanent pools in pastures and woodlots, irrigation or roadside ditches, natural marshes or estuarine areas, waters contiguous to fish-bearing water, catch basins and sewage lagoons.

*Use higher rates in deep and/or polluted water, and when late 3rd and 4th instar larvae predominate.

Apply recommended rate by conventional aerial or ground equipment. Uniform coverage is necessary for best results. For aerial application, apply in uniform non-overlapping swaths when conditions do not favour drift or when wind speeds are less than 10km/h.

A 3 to 14 day interval between applications should be employed. Monitoring will indicate the appropriate retreatment interval. VECTOBAC (or B.t. H-14) does not affect non-target, aquatic, invertebrate predators and parasites which are non-filter feeders. Therefore, longer periods of suppression may result since these beneficials would be conserved to aid in mosquito population management.

LIMITATIONS: VectoBac 200G may be applied to any water sites except treated, finished drinking water.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that VECTOBAC-200G contains a Group 11 insecticide. Any insect population may contain individuals naturally resistant to VECTOBAC-200G and other Group 11 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist.

Appropriate resistance-management strategies should be followed.

To delay insecticide resistance:

- Where possible, rotate the use of VECTOBAC-200G or other Group 11 insecticides with different groups that control the same pests in a field.

- Use tank mixtures with insecticides from a different group when such use is permitted.
 - Insecticide use should be based on an IPM program that includes scouting, record keeping, and considers cultural, biological and other chemical control practices.
 - Monitor treated pest populations for resistance development.
 - Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
 - For further information or to report suspected resistance contact Valent BioSciences at 1-800-323-9597 or at www.valentbiosciences.com.
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PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN.

May cause sensitization. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID INSTRUCTIONS:

If in eyes: Flush with plenty of water.

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

Obtain medical attention or contact a poison control center IMMEDIATELY if irritation occurs and persists.

Take container, label, or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE AND DISPOSAL

Storage: Store at temperatures between 0° C and 25° C. Store container upright and keep tightly closed when not in use. This product should be used within 24 months of the date of manufacture.

Disposal: Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank. Follow provincial instruction for any required additional cleaning of the container prior to its disposal. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

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