

2015-0757
2015-03-24

GROUP 11 INSECTICIDE

AQUABAC (200G)

Biological Larvicide

Granules (5/8) (10/14)

COMMERCIAL

CAUTION EYE IRRITANT

POTENTIAL SENSITIZER

READ THE LABEL BEFORE USING

GUARANTEE: *Bacillus thuringiensis* subspecies *israelensis* serotype H-14, strain BMP-144
200 International Toxic Units (ITU) per milligram (0.20 billion ITU/kg)

REGISTRATION NO.: 26862
PEST CONTROL PRODUCTS ACT

Net Contents: 5.0 kg

Lot n^o:

Date of manufacture:

AFA ENVIRONNEMENT INC.

9 Des Calcaires

Boischatel, QC

G0A 1H0

1-877-507-7232

NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offense 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.

AQUABAC (200G) Biological Larvicide Granules (5/8) (10/14) may be applied to any water sites except treated, finished water reservoirs or drinking receptacles.

Consult provincial/territorial pesticide regulatory officials for required authorization.

DIRECTIONS FOR USE

MOSQUITOES

Habitat

Rate Required for Control

●Flood water, roadside ditches, irrigation ditches, pastures, woodland pools, snow melt pools, tidal water, salt marshes, catch basins, storm water retention areas **2.5 - 10 kilograms/hectare**

*When late third and early fourth instar larvae predominate, larval populations are high, or water is heavily polluted and/or algae are prevalent, use..... **10 - 20 kilograms/hectare**

AQUABAC (200G) Biological Larvicide Granules (5/8) (10/14) should be applied uniformly in conventional ground application equipment. A seven to fourteen day interval between applications should be employed. Longer periods of mosquito population suppression may result where sufficient numbers of non-target invertebrate parasites and predators are present, since these are not affected by AQUABAC (200G) Biological Larvicide Granules (5/8) (10/14) and contribute to mosquito population reduction.

PRECAUTIONS: KEEP OUT OF REACH OF UNAUTHORIZED PERSONNEL. MAY CAUSE SENSITIZATION. CAUTION EYE IRRITANT.

Avoid contact with skin, eyes or clothing. Avoid breathing dust/spray mist. Wear a long-sleeved shirt, long pants, waterproof gloves, shoes and socks, eye goggles and a NIOSH-approved respirator with any N-95, R-95, or P-95 filter for biological products when handling, mixing/loading or applying the product and during all clean-up/repair activities. Applicators may remove gloves, eye goggles and respirators if the design and delivery of the application apparatus reduces exposure to a negligible level (e.g. backpack sprayer with application wands that apply product directly over water surface). Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

DO NOT apply directly to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

FIRST AID:

If on skin or clothing: Rinse skin immediately with plenty of water. Remove contaminated clothing and wash separately before reuse. If irritation occurs and persists or is severe, seek medical attention.

If in eyes: Hold eye open and rinse slowly and gently with water. Remove contact lenses, if present, then continue rinsing eye. If irritation occurs and persists or is severe, seek medical attention.

If inhaled: Move to fresh air, apply respiration if needed and seek medical attention.

If swallowed: Rinse mouth and throat with copious amounts of water. DO NOT induce vomiting. Promptly contact a physician or poison control centre. DO NOT give anything by mouth to an unconscious person.

General: Seek medical attention if irritation or signs of toxicity occur and persist or is severe. Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION: Treat symptomatically.

STORAGE AND SHELF LIFE: In order to ensure microbial purity and potency AQUABAC_(200G) Biological Larvicide Granules (5/8) (10/14) should be stored in the original container at temperatures between 0 and 25⁰C and used within 24 months of the date of manufacture.

DISPOSAL: Thoroughly empty the contents of the container into the application device. Make the empty container unsuitable for further use. Dispose of the container in accordance with provincial requirements. For information on the disposal of unused, unwanted product, contact the provincial regulatory agency or the manufacturer. Contact the provincial regulatory agency and the manufacturer in case of a spill, and for clean-up of spills.

RESISTANCE-MANAGEMENT RECOMMENDATIONS:

For resistance management, please note that AQUABAC_(200G) Biological Larvicide Granules (5/8) (10/14) contains a Group 11 insecticide. Any insect population may contain individuals naturally resistant to AQUABAC_(200G) Biological Larvicide Granules (5/8) (10/14) and other Group 11 insecticides. The resistant individuals may dominate the insect population if this group of insecticides is used repeatedly in the same site. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. The following appropriate resistance management strategies should be followed to delay insecticide resistance:

- Where possible, rotate the use of AQUABAC_(200G) Biological Larvicide Granules (5/8) (10/14) and other Group 11 insecticides with different groups that control the same pests in a site.

- Insecticide use should be based on an Integrated Pest Management 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 for any additional pesticide resistance management and/or integrated pest management recommendation for specific site and pest problems in your area.
- For further information or to report suspected resistance, contact AFA ENVIRONNEMENT INC. at 9 Des Calcaires, Boischatel (Québec) G0A 1H0 Telephone: 1-877-507-7232.

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