

## Teknar Granules

LARVICIDE FOR MOSQUITO CONTROL

GUARANTEE:

*Bacillus thuringiensis*

serotype H14

200 ITU/mg

(200 International Units of Potency per milligram)

**RESTRICTED**

CAUTION:

KEEP OUT OF REACH OF CHILDREN

**Potential Sensitizer**

**STORE IN A COOL PLACE**

Activity may be impaired by storage at temperatures above 34 °C

READ THE LABEL BEFORE USING

REGISTRATION NO. 19239

PEST CONTROL PRODUCTS ACT

**DATE OF MANUFACTURE:**

This product should be used within 6 months of the date of manufacture.

NET CONTENTS: 5 kg - 40 kg

Registrant:

Valent BioSciences Corporation

870 Technology Way

Libertyville, Illinois 60048

USA

Canadian Agent:

Valent BioSciences Canada, Ltd.

40 King Street West, Suite 2100

Toronto, Ontario M5H3C2

Group 11 Insecticide

**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; contact

local pesticide regulatory authorities about use permits which may be required.

**RESTRICTED USES**

**FOR USE IN MUNICIPAL OR PROVINCIAL CONTROL PROGRAMS**

For mosquito larvae control, TEKNAR\* Granules may be applied to any water sites except treated, finished drinking water. Applications to irrigation water are permissible. **New Text**

\*Teknar is a registered trademark of Valent BioSciences Corporation

**APPLICATION:** Apply with a fixed wing aircraft or helicopter equipped with an appropriate granule spreader capable of applying rates of 4.5 - 6.7 kg of granules per hectare. For aerial application, apply in even swaths when wind conditions do not favor drift or wind speeds are less than 10 Km/hr. TEKNAR Granules may also be applied in ground larviciding operations using equipment that will assure good coverage. For best results, apply when foliage is relatively dry to achieve good penetration of the granules. Repeat at 5-14 day intervals, if needed, as indicated by monitoring.

#### RESISTANCE MANAGEMENT STATEMENT

For resistance management, please note that TEKNAR Granules contains a Group 11 Insecticide. Any Insect population may contain individuals naturally resistant to TEKNAR Granules 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 TEKNAR Granules with 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 a Valent BioSciences Corporation representative at 1-800-323-9597 or at [www.valentbiosciences.com](http://www.valentbiosciences.com) to assist in determining the cause of reduced performance.

**DIRECTIONS:** For guidance, rate ranges according to the most common mosquito habitats are provided below:

#### FOR USE IN:

flood water, pastures, standing ponds, and ditches.  
tidal water and salt marshes, catch basins, and storm water retention areas.  
water polluted with sewage, water with moderate organic content, and water with a high level of suspended solids

#### RATE REQUIRED FOR CONTROL

4.5 - 6.7 kg/hectare  
(50 - 70 g / 100 m<sup>2</sup>)  
4.5 - 6.7 kg/hectare  
(50 - 70 g / 100 m<sup>2</sup>)  
6.7 kg/hectare  
(70 g / 100 m<sup>2</sup>)

Use lowest rate when:

1st to early 3rd instar larvae are predominant in the mosquito population, and the water is open and relatively free of aquatic weeds.

Use the highest rate when:

late 3rd to early 4th instar are predominant, or the site is heavily infested with aquatic weeds.

**PRECAUTIONS: KEEP OUT OF THE REACH OF CHILDREN.** May cause sensitization. Avoid contact with skin, eyes or clothing. Wear long sleeved shirt, long pants, waterproof gloves when handling, mixing/loading or applying the product and during all clean-up/repair activities. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Do not contaminate drinking water.

### **FIRSTAID**

**IF ON SKIN:** Wash with plenty of soap and water.

**IF IN EYES:** IMMEDIATELY flush eyes with plenty of clean water. Get medical attention or contact a poison control center 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:** Keep in original container during storage. Store in secure, cool, dry place at temperatures between 0 and 25 deg C. Do not contaminate water, food or feed by storage. This product should be used within 6 months of the date of manufacture.

### **DISPOSAL:**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture In the tank.
2. Follow provincial instruction for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. 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.

### **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.

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