

# FOURSTAR®



## Bti CRG

### Specimen Label

# Multi-Brood Controlled Release Granule

#### ACTIVE INGREDIENTS:

|  |      |
|--|------|
| <i>Bacillus thuringiensis</i> subspecies <i>israelensis</i> Strain BMP 144 solids, spores and insecticidal toxins* ..... | 10%  |
| OTHER INGREDIENTS: .....   | 90%  |
| TOTAL: .....   | 100% |

\* Equivalent to 700 International Toxic Units (ITU/mg).

**Note:** The percent active ingredient does not indicate product performance, and potency measurements are not federally standardized.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

#### PRECAUTIONARY STATEMENTS

##### HAZARDS TO HUMANS AND DOMESTIC ANIMALS – CAUTION:

Causes moderate eye irritation. Harmful if absorbed through skin. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

Mixers/loaders and applicators not in enclosed cabs or aircraft must wear gloves and a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

| FIRST AID   |  |
|---|--|
| <b>If inhaled</b>   | <ul style="list-style-type: none"><li>• Move person to fresh air.</li><li>• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.</li><li>• Call poison control center or doctor for treatment advice.</li></ul>           |
| <b>If in eyes</b>   | <ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li><li>• Remove contact lenses, if present, after the first 5 minutes, and then continue rinsing eyes.</li><li>• Call poison control center or doctor for treatment advice.</li></ul> |
| <b>If on skin</b>   | <ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call poison control center or doctor for treatment advice.</li></ul>  |
| HOT LINE NUMBER   |  |
| Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-248-7763 for emergency medical treatment information. |  |

#### ENVIRONMENTAL HAZARDS:

Do not contaminate water when disposing of equipment washwaters or rinsate. Do not apply to treated, finished drinking water reservoirs or drinking water receptacles when the water is intended for human consumption.

#### DIRECTIONS FOR USE

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

#### APPLICATION DIRECTIONS

**FourStar® Bti CRG** is a highly selective multi-brood microbial insecticide granule effective against mosquito larvae in a variety of aquatic habitats for up to 40 days or more. **FourStar® Bti CRG** releases effective levels of *Bacillus thuringiensis* subspecies *israelensis* to the water surface and throughout the water column over time.

**FourStar® Bti CRG** can be applied prior to flooding (i.e., "pre-hatch") to known breeding sites that flood intermittently. In such areas, one application of **FourStar® Bti CRG** prevents adult mosquito emergence for up to four subsequent floodings. The actual length of control depends on the duration and frequency of flooding events. Alternate wetting and drying will not reduce granule effectiveness.

Apply uniformly according to rates listed below by conventional aerial or ground equipment as needed to maintain mosquito control. Reapply after 40 days under typical environmental conditions. More frequent applications may be made if monitoring indicates that larval populations have reestablished or weather conditions have rendered initial treatments ineffective.

#### APPLICATION SITES

Apply **FourStar® Bti CRG** pre-hatch or post-hatch as directed above to temporary and permanent water sites, which support mosquito larval development. **FourStar® Bti CRG** can be applied to areas that contain aquatic life, fish and plants, as well as areas in contact with humans, animals, horses, livestock, pets, birds, or wildlife.

Examples of application sites include: tidal water, salt marshes, mangroves, estuaries, freshwater marshes, cattail marshes, woodland pools and meadows, grassy swales, floodplains, flood water, standing water, roadside ditches, canals, woodland pools, catch basins, storm drains, storm water collection areas, retention and detention impoundments, lakes and ponds, abandoned swimming pools, water holding receptacles, and other natural and man-made sites where mosquitoes may develop.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential spray drift. The applicator and treatment coordinator are responsible for considering all these factors when making decisions.

**APPLICATION RATES**

To control mosquito larvae, apply 7.5 to 10 lbs of **FourStar® Bti CRG** per acre. Use 10 to 20 lbs of **FourStar® Bti CRG** per acre where late instar larvae predominate, larval populations are high, water is heavily polluted, and/or algae are abundant, or under conditions where local experience indicates the need for higher rates to achieve extended control.

**NOTICE TO USER**

To the extent consistent with applicable law, seller makes no warranty, express or implied, of merchantability, fitness, or otherwise concerning the use of this product other than as indicated on the label. To the extent consistent with applicable law, user assumes all risks of use, storage, or handling not in strict accordance with label instructions.

**STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store in a cool, dry place.

**Pesticide Disposal:** To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

**Container Handling:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment by shaking and tapping sides and bottom to loosen clinging particles. Then offer for recycling if available, or dispose of empty bag in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances.

