

Summit **B.t.i. GRANULES**

Kills Mosquitoes Before They're Old Enough To Bite®



MOSQUITO LARVAE CONTROL

GENERAL INFORMATION

Summit B.t.i. Granules® are a highly selective biopesticide effective against mosquitoes in a variety of habitats. When spread over the surface of standing water, **B.t.i. Granules®** release a biological mosquito larvicide into the water. This larvicide gradually settles in the water where it is eaten by mosquito larvae growing there. **B.t.i. Granules®** may be used in all types of standing water sites where mosquito larvae grow. **B.t.i. Granules®** will give a quick kill within 24 hours and can control for up to 14 days in water of low to moderate organic content. Employ a 7- to 14-day interval between applications. For more residual, long-term control, consider using **DUNKS®** or **Summit® B.t.i. Mosquito Briquets®** after applying **B.t.i. Granules®**.

MOSQUITO ABATEMENT USE

For use in or on woodland pools; snowmelt pools; saltwater and freshwater marshes; catch basins; gutters; storm water retention areas and open drains; flood waters; lakes; ponds; irrigation ditches; ornamental water gardens and pools; roof and street gutters; bird baths; tree holes; unused swimming pools; discarded automobile tires; standing water in greenhouses and nurseries; sewage lagoons; irrigated and nonirrigated pastures; estuarine areas; roadside ditches; irrigation ditches; rice fields; rain barrels and other water storage containers, including unused cisterns and water tanks; and similar standing water where mosquito larvae occur.

Use 2.5-10 pounds of **B.t.i. Granules®** per acre of water with the lower application rate for relatively clean water and higher application rate for water with greater organic content. Use 10-20 pounds of **B.t.i. Granules®** per acre of water in deep or polluted water and when mostly late 3rd and 4th instar mosquito larvae are present. Apply **B.t.i. Granules®** by conventional aerial or ground equipment or manually. Uniform coverage provides best results. Use a 7- to 14-day interval between applications. The interval depends on initial application rates, larval population densities, and organic content of the water. Monitoring will indicate the best retreatment interval. **B.t.i. Granules®** do not affect non-target aquatic predators of mosquitoes, which contribute to controlling mosquito larvae. Therefore, longer periods of mosquito control may occur because of predators eating mosquito larvae. The applicator is responsible for monitoring equipment, calibrating equipment, and knowing local weather conditions to prevent drift and other application variables.

AQUAPONICS AND HYDROPONICS

Aquaponics is aquaculture (raising fish) and hydroponics (the soilless growing of plants) that grows fish and plants together in an integrated system. Hydroponics is growing plants without soil, using mineral nutrient solutions in a water solvent. At times, both aquaponics and hydroponics result in conditions that are favorable to mosquito larval growth. Because of the nutrients present in water used for both, use the high application rate and frequency of use for **B.t.i. Granules®** for mosquito larvae control (described in the "MOSQUITO ABATEMENT USE" section above).

FUNGUS GNAT LARVAE CONTROL

Fungus gnats are common pest problems, especially with high organic and moisture content in growing media or soil. For use in soil or growing media used in mushroom-growing facilities, in greenhouses, and for landscapes.

Application to soil or growing media: Sprinkle or spread **B.t.i. Granules®** evenly at 3 pounds per 100 square feet of soil or growing media in both large and small indoor and outdoor landscaping or greenhouse areas and mushroom production facilities. Use 1-2 teaspoons of **B.t.i. Granules®** in small pots (6 inches or less in diameter) and 1 tablespoon of **B.t.i. Granules®** in large pots (greater than 6 inches in diameter). Water in **B.t.i. Granules®** after treatment. If fungus gnats reappear within 3 weeks, repeat treatment and water in.

For use in water: Mix 2 tablespoons of **B.t.i. Granules®** per 0.5 gallon of water. Wait five minutes, then apply treated water directly to soil or growing media surface. Compost used granules with soil or growing media. This treatment controls fungus gnat larvae for up to a 3-week period. Repeat treatment when these insects reappear.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE:

Reseal unused portions of product. Store this product in original, sealed container in a cool, dry, and well-ventilated place inaccessible to children and pets.

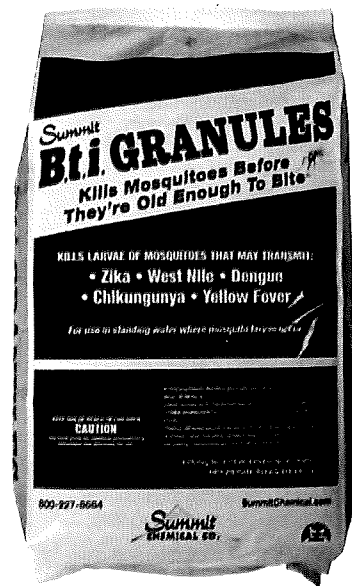
PESTICIDE DISPOSAL:

To avoid waste, use all material in this container by application according to label directions. If waste 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. 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. If burned, stay out of smoke.

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 this label. User assumes all risks of use, storage, or handling not in accordance with label instructions.



235 South Kresson Street
Baltimore, MD 21224-2616
800-227-8664

www.SummitChemical.com

