

# B.T.I. BRIQUETS

## FLOATING SUSTAINED-RELEASE LARVICIDE FOR LONG-TERM CONTROL OF MOSQUITO AND PSYCHODID FLY LARVAE BIOLOGICAL CONTROL OF MOSQUITOES & PSYCHODID FLIES

**ACTIVE INGREDIENT:** *Bacillus thuringiensis* subspecies *israelensis* primary powder  
 (7000 *Aedes aegypti* (AA) International Toxic Units (ITU) per milligram primary powder (Dry weight basis)) ..... 10%  
**INERT INGREDIENTS:** ..... 90%  
 Potency units should not be used to adjust rates beyond those specified in the Directions for Use section.



EPA Registration No.  
 6218-47

EPA Est. No.  
 6218-MD-2

Net weight:  
 9.15 oz.  
 260 g.

Contains 20 Briquets  
 Lot No:

### PRECAUTIONARY STATEMENTS Keep Out Of Reach Of Children **CAUTION**

**Hazard to Humans:** Avoid contact with eyes or open wounds.  
**Environmental Hazards:** Do not apply directly to treated, finished drinking water reservoirs or drinking water receptacles.

#### STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.  
**Storage:** Tightly close containers of unused briquets. Store in cool, dry well-ventilated place.  
**Disposal:** Do not reuse empty carton or packaging material. Perforate or crush and discard carton according to local trash disposal regulations.

#### DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.  
 Summit B.T.I. BRIQUETS are formulated to release effective levels of Bit for a period of 30 days or more under typical environmental conditions. The floating action of the briquets will ensure that active material is released at the surface as well as gradually settle to the bottom.  
 These briquets may be used in all types of mosquito breeding areas. To prevent briquets from being flushed out of certain treatment sites, they can be anchored using string tied through the hole in the center or staked in place.

Summit B.T.I. BRIQUETS can also be used for pre-flood treatment. If the briquets are applied to dry areas which are known or suspected to become breeding sites when flooded, such as woodland pools and abandoned swimming pools, the briquets will float to the surface when flooding occurs and start releasing the active Bit material. Alternate wetting and drying will not reduce their effectiveness.

### APPLICATION RATES Mosquito Larvae:

**Flooded larvae breeding sites:** Use one (1) Summit B.T.I. BRIQUET for up to 100 sq. ft. of surface area, regardless of depth. In water with a high organic content, such as sewage disposal systems or waste lagoons, the application rate may have to be increased to as much as four (4) times the normal dosage based upon evaluation by the user.

When larval populations are high, aquatic vegetation dense, or the water highly polluted at the time of briquet use, pre-treatment with SUMMIT MOSQUITO BITS is recommended. The briquet will then suppress larval development for up to 30 days or more. Some larvae which hatch after briquet application may partially develop before dying. Allow a minimum of 48 hours for their control.

**Pre-Flood treatment:** Apply one (1) Summit B.T.I. BRIQUET to each 100 sq. ft. of dry bed surface which is known or suspected breeding site when flooded.

**Evaporative Coolers:** Apply one (1) Summit B.T.I. BRIQUET to each 100 sq. ft. of Cooler box or for smaller Coolers refer to the table below for application rate.

**Outdoor Use around the Household to kill Mosquito Larvae:** Summit B.T.I. BRIQUETS can be broken into portions for use in many outdoor applications near the household, such as standing water in bird baths, old automobile tires, rain barrels, ponds, abandoned or unused swimming pools (particularly above ground types), ditches, tree holes, roof gutters for collecting rainwater, flower pots or any other location near the household where water collects and remains for periods of time. Summit B.T.I. BRIQUETS can be broken and used as shown in the following table, the amount dependent upon the surface area of water in the treatment site.

Surface area of standing water	1 to 5 square ft.	5 to 25 square ft.	25 to 100 square ft.	Above 100 square ft.
Use Quantity	1/4 Briquet	1/2 Briquet	1 Briquet	1 Briquet per 100 sq. ft.

**Pre-flood treatment around the Household:** Apply Summit B.T.I. BRIQUETS to any dry surface which is known to become flooded after a rain. Use the correct amount in accordance with the above dosage table.

#### Psychodid Fly Larvae (Filter Flies, Sewage Flies, Drain Flies):

**Waste Water Treatment Plants:** Place Summit B.T.I. BRIQUETS in a perforated basket, such as a minnow bait basket, and suspend the basket in the waste water stream before the water enters the trickling filter. Keep basket continuously filled with Briquets to ensure a steady flow of Bit into the filter. The number of Briquets needed for continuous, effective treatment in each facility will be dependent upon the volume and flow rate of the stream. This will have to be determined by the user.