

## Summit 116-12

# Summit 116-12 Quick Kill Mosquito Bits Instruction Manual

Model: 116-12

Overview

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## 1. PRODUCT OVERVIEW

Summit Chemical Mosquito Bits are specifically formulated for environmentally sound biological mosquito control. This product is EPA registered in all 50 states, ensuring safe and convenient use. It is available in an 8-ounce size, designed to cover up to 2,000 square feet.

Key features include:

- Quick-acting formula, killing mosquito larvae within 24 hours.
- Effective for up to 14 days.
- Controls fungus gnat larvae.
- Environmentally sound biological mosquito control.
- Safe for use around people, pets, plants, and fish.

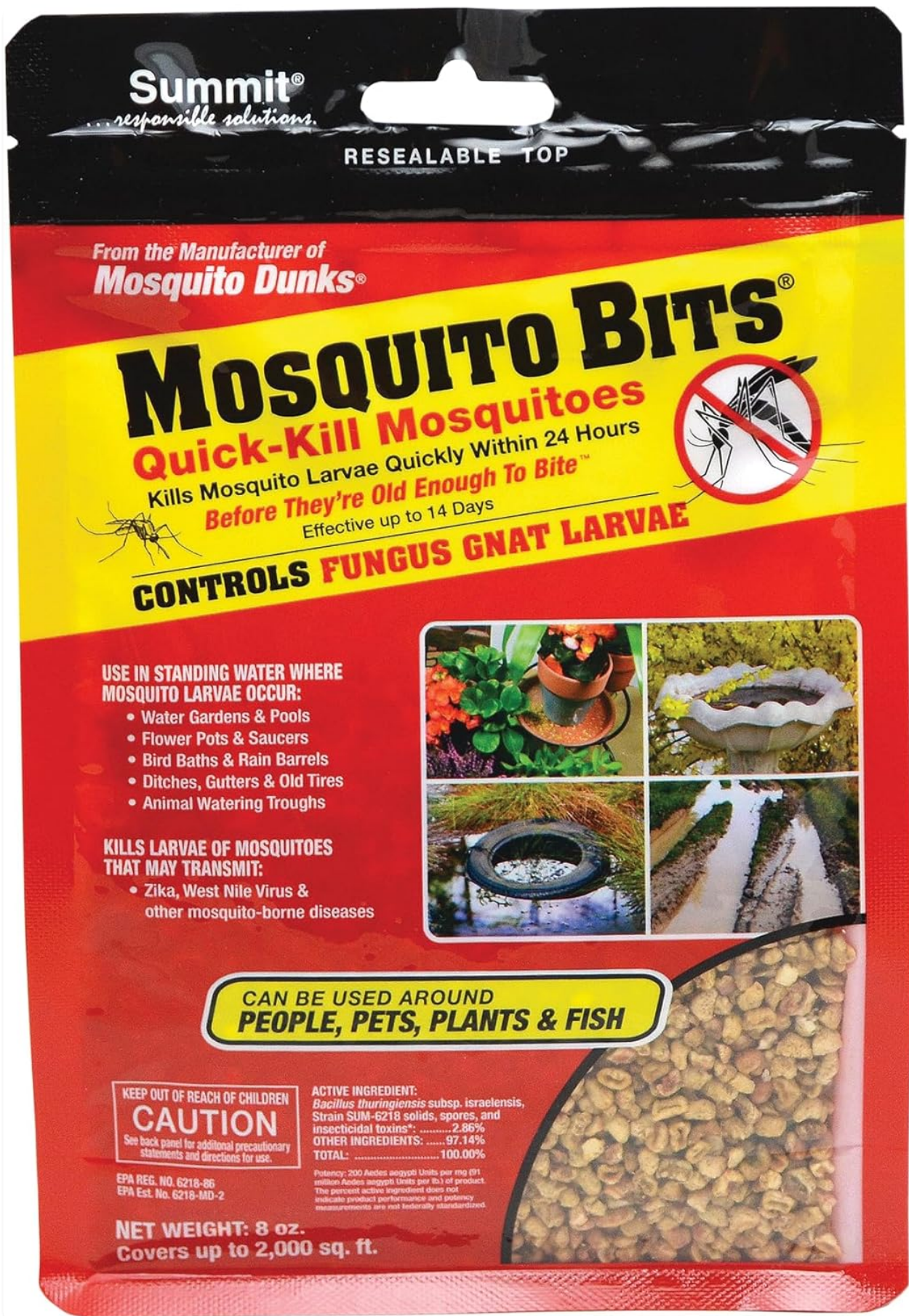


Figure 1: Front view of Summit 116-12 Quick Kill Mosquito Bits packaging.

## 2. SETUP AND PREPARATION

Before application, identify areas with standing water where mosquito larvae are present or likely to occur. This product is designed for use in non-potable water sources.

## **2.1 Application for Mosquito Larvae Control**

For mosquito larvae control, sprinkle one teaspoon of Mosquito Bits per 25 square feet of water surface, or one tablespoon per 75 square feet. For larger areas, use 1/2 lb per 2178 square feet. Apply uniformly over the surface of the containerized standing water.

## **2.2 Application for Fungus Gnat Larvae Control**

For fungus gnat larvae control, sprinkle or spread the granules over the soil surface of affected plants until the area is covered. Water the plants after application; the water will release the active ingredient (Bti) into the soil, where it will target and eliminate fungus gnat larvae.



**Summit®**  
...responsible solutions.

235 South Kresson Street  
Baltimore, MD 21224  
1-800-227-3061

RESEALABLE TOP



# Mosquito BITS® Quick-Kill Mosquitoes

Kills Mosquito Larvae Quickly Within 24 Hours



## 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 a poison control center or doctor for further 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, then continue rinsing eye.</li> <li>• Call a poison control center or doctor for further treatment advice.</li> </ul>
<b>IF ON SKIN OR CLOTHING:</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 when going for treatment. For non-emergency information concerning this product, call the National Pesticide Information Center (NPIC) at 1-800-858-7378 (NPIC Web site: [www.npic.orst.edu](http://www.npic.orst.edu)). For emergencies, call your local poison control center at 1-800-222-1222.

## PRECAUTIONARY STATEMENT:

### Hazards to Human and Domestic Animals:

**CAUTION:** Harmful if inhaled or absorbed through the skin. Causes moderate eye irritation. Avoid breathing dust. 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.

### Environmental Hazards:

Do not apply directly 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 use this product in a manner inconsistent with its labeling. Do not apply directly to treated, finished drinking water reservoirs. In New York State, For Use in Containerized Waters with no Outflow to the Natural Environment.

## MOSQUITO LARVAE CONTROL

### PRODUCT INFORMATION:

**MOSQUITO BITS®** are a highly selective biopesticide effective against mosquitoes in a variety of habitats. When spread over the surface of standing water, **MOSQUITO BITS®** release a biological mosquito larvicide into the water. This larvicide gradually settles in the water where it is eaten by mosquito larvae growing there. **MOSQUITO BITS®** may be used in all types of standing water sites where mosquito larvae grow. **MOSQUITO BITS®** 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-day or 14-day interval between applications. For more residual, long-term control, consider using **DUNKS®** or **Summit® B.t.i. Mosquito Briquets®** after applying **MOSQUITO BITS®**.

### USE AROUND THE HOUSEHOLD:

For smaller areas of standing water found around the home, evenly sprinkle 1 teaspoon of **MOSQUITO BITS®** per 25 square feet of water or 1 tablespoon of **MOSQUITO BITS®** per 75 square feet of water. For larger areas of standing water around the home, use 4 ounces of **MOSQUITO BITS®** per 1,000 sq. ft. of water for relatively clean water and a higher application rate of 8 oz. per 1000 sq. ft. for water with greater organic content, deep, or polluted water, and when larger mosquito larvae are present.

Apply **MOSQUITO BITS®** uniformly. Apply every 7 days at the high rate when there are abundant mosquito larvae and when the water has suspended or settled organic matter content. Apply every 14 days at the lower rate when there are few mosquito larvae and there is little organic matter in the water.

**MOSQUITO BITS®** may be applied to areas that contain aquatic life, fish, and plants and to areas used by or in contact with humans, animals, horses, livestock, pets, birds, or wildlife.

### APPLY TO STANDING WATER AROUND HOMES AND RESIDENTIAL PROPERTIES SUCH AS THE FOLLOWING SITES:

- water gardens & pools
- flower pots & saucers
- unused swimming pools
- animal watering troughs
- rain barrels and other water storage containers
- bromeliads or "pitcher plants" that hold water
- woodland pools and dry segment water where mosquito larvae occur
- funeral urns
- roof gutters
- bird baths
- old automobile tires
- unused cisterns
- tree holes
- ditches

### 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 growing media or soil of house, garden, and landscape plants and home mushroom beds.

Mix 4 tablespoons of **MOSQUITO BITS®** per 1 gallon of water. Soak for 30 minutes and skim off the floating granules. (Granules may be placed in a nylon stocking prior to immersion in water.) Stir or shake the water then apply treated water directly to soil or growing media surface. Compost or discard used granules. This treatment controls fungus gnat larvae present in the soil at the time of application. Repeat weekly for three weeks. Repeat treatment again if fungus gnats reappear.

## STORAGE AND DISPOSAL

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

<b>PESTICIDE STORAGE:</b>	Keep in original container. Store away from direct sunlight, feed, or foodstuffs in a cool, dry, and well-ventilated place. Keep container tightly sealed when not in use.
<b>PESTICIDE DISPOSAL AND CONTAINER HANDLING:</b>	Nonrefillable container. Do not reuse or refill this container. IF EMPTY: Place in trash or offer for recycling, if available. IF PARTLY FILLED: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**NOTICE TO USER:** Seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning the use of this product than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with label instructions.

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Figure 2: Back view of Summit 116-12 Quick Kill Mosquito Bits packaging with instructions.

## 3. OPERATING INSTRUCTIONS

Mosquito Bits are effective in various standing water environments. The active ingredient, *Bacillus Thuringiensis* Subsp. *Israelensis* (Bti), specifically targets mosquito and fungus gnat larvae without harming other organisms.

### 3.1 Recommended Application Areas for Mosquito Larvae:

- Water Gardens & Pools
- Flower Pots & Saucers
- Bird Baths & Rain Barrels
- Ditches, Gutters & Old Tires
- Animal Watering Troughs
- Tree holes
- Unused swimming pools

This product kills larvae of mosquitoes that may transmit diseases such as Zika and West Nile Virus.

### 3.2 Safety Considerations:

Mosquito Bits can be used safely around people, pets, plants, and fish. Do not apply to finished or treated human drinking water sources.







Figure 3: Detailed view of product label with usage directions.

## 4. MAINTENANCE AND REAPPLICATION

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For continuous control of mosquito larvae, reapply Mosquito Bits every 7 to 14 days. Longer periods of mosquito suppression may be achieved with the subsequent use of Mosquito Dunks®.

For fungus gnat control, repeat the application process once a week for a total of three weeks to ensure all emerging larvae are targeted. If fungus gnats reappear, simply repeat the process.

## 5. TROUBLESHOOTING

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If mosquito or fungus gnat populations persist after initial application, consider the following:

- **Insufficient Coverage:** Ensure the granules are spread uniformly over the entire water surface or soil area.
- **Reapplication Frequency:** Verify that the product is being reapplied within the recommended 7 to 14-day interval for mosquitoes, or weekly for three weeks for fungus gnats.
- **New Breeding Sites:** Check for new sources of standing water or new plants that may have introduced pests.
- **Product Efficacy:** Ensure the product has not expired and has been stored correctly.

## 6. PRODUCT SPECIFICATIONS

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Attribute	Detail
Item Form	Granules
Item Weight	8 ounces (0.5 Pounds)
Liquid Volume	8 Fluid Ounces
Active Ingredients	Bacillus Thuringiensis Subsp. Israelensis, Strain Sum-6218 Solids, Spores And Insecticidal Toxins: 2.86%; Other Ingredients: 97.14%; Total: 100.00%
Brand	Summit
Specification Met	EPA
Target Species	Insects (Mosquito Larvae, Fungus Gnat Larvae)
Product Dimensions	5.9 x 2.7 x 2.6 inches
Model Number	116-12
Coverage	Up to 2,000 sq. ft.



Figure 4: Product dimensions for Summit 116-12 Quick Kill Mosquito Bits.

## 7. WARRANTY AND SUPPORT

### 7.1 Warranty Information

The 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. The user assumes all risks of use, storage, or handling not in strict accordance with label instructions.



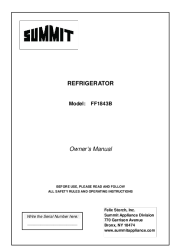
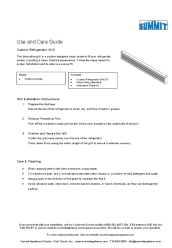
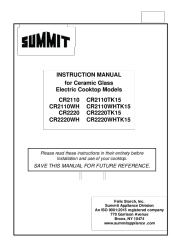
### 7.2 Customer Support and Emergency Information

Always have the product container or label with you when contacting support or seeking medical attention.

- **For Pesticide Information (including health concerns, medical emergencies, pesticide incidents):**  
Call the National Pesticide Information Center (NPIC) at **1-800-858-7378**. NPIC Website:  
[www.npic.orst.edu](http://www.npic.orst.edu).
- **For Emergencies:** Call your local poison control center at **1-800-222-1222**.

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## Related Documents - 116-12

 <p>Instruction Manual EN</p> <p><b>SUMMIT</b> PROFESSIONAL</p> <p>CONVECTION MICROWAVE GRILL OVEN Model CMV24</p> <p>NEVER USE FLAMMABLE MATERIALS OR FLAMMABLE LIQUIDS AND OPERATING INSTRUCTIONS. READ THE MANUAL IN A SECURE LOCATION.</p> <p>Write Serial Number Here: <b>FELIX STORCH, INC.</b> 170 Garden Avenue Elizabethtown, New York 10875 <a href="http://www.summitchemical.com">www.summitchemical.com</a></p>	<p><a href="#">Summit CMV24 Convection Microwave Grill Oven: Instruction Manual</a></p> <p>This official instruction manual for the Summit CMV24 Convection Microwave Grill Oven by Felix Storch, Inc. provides essential safety guidelines, operating instructions, cooking functions, and maintenance details for optimal use.</p>
 <p><b>SUMMIT</b> PROFESSIONAL</p> <p>DOUBLE-TAP BEER COOLER Model SBC590 OUTDOOR VERSION Model SBC590OS</p> <p>INSTRUCTION MANUAL</p> <p>NEVER USE FLAMMABLE MATERIALS OR FLAMMABLE LIQUIDS AND OPERATING INSTRUCTIONS. READ THE MANUAL IN A SECURE LOCATION.</p> <p>Write Serial Number Here: <b>FELIX STORCH, INC.</b> 170 Garden Avenue Elizabethtown, New York 10875 <a href="http://www.summitchemical.com">www.summitchemical.com</a></p>	<p><a href="#">Summit SBC590 Double-Tap Beer Cooler Instruction Manual</a></p> <p>Comprehensive instruction manual for the Summit SBC590 and SBC590OS Double-Tap Beer Coolers, covering installation, operation, maintenance, troubleshooting, and warranty information.</p>
 <p><b>SUMMIT</b> PROFESSIONAL</p> <p>REFRIGERATOR Model FF1843B</p> <p>Owner's Manual</p> <p>NEVER USE FLAMMABLE MATERIALS OR FLAMMABLE LIQUIDS AND OPERATING INSTRUCTIONS. READ THE MANUAL IN A SECURE LOCATION.</p> <p>Write Serial Number Here: <b>FELIX STORCH, INC.</b> 170 Garden Avenue Elizabethtown, New York 10875 <a href="http://www.summitchemical.com">www.summitchemical.com</a></p>	<p><a href="#">Summit FF1843B Refrigerator Owner's Manual &amp; Operating Instructions</a></p> <p>Comprehensive owner's manual for the Summit FF1843B refrigerator, covering safety instructions, installation, operation, care, maintenance, troubleshooting, and warranty information.</p>
 <p>Use and Care Guide</p> <p><b>SUMMIT</b> PROFESSIONAL</p> <p>TKRFCUSTOM</p> <p>NEVER USE FLAMMABLE MATERIALS OR FLAMMABLE LIQUIDS AND OPERATING INSTRUCTIONS. READ THE MANUAL IN A SECURE LOCATION.</p> <p>Write Serial Number Here: <b>FELIX STORCH, INC.</b> 170 Garden Avenue Elizabethtown, New York 10875 <a href="http://www.summitchemical.com">www.summitchemical.com</a></p>	<p><a href="#">Summit Custom Refrigerator Grill TKRFCUSTOM - Use and Care Guide</a></p> <p>Installation and care instructions for the Summit Custom Refrigerator Grill (Model TKRFCUSTOM). Learn how to properly install, clean, and maintain your refrigerator grill for a clean, finished appearance.</p>
 <p><b>SUMMIT</b> PROFESSIONAL</p> <p>INSTRUCTION MANUAL for Ceramic Glass Electric Cooktop Models</p> <p>CR2110 CR2110TK15 CR2110TK15 CR2110TK15 CR2220 CR2220TK15 CR2220TK15 CR2220TK15</p> <p>NEVER USE FLAMMABLE MATERIALS OR FLAMMABLE LIQUIDS AND OPERATING INSTRUCTIONS. READ THE MANUAL IN A SECURE LOCATION.</p> <p>Write Serial Number Here: <b>FELIX STORCH, INC.</b> 170 Garden Avenue Elizabethtown, New York 10875 <a href="http://www.summitchemical.com">www.summitchemical.com</a></p>	<p><a href="#">Summit Ceramic Glass Electric Cooktop Instruction Manual</a></p> <p>Comprehensive instruction manual for Summit CR2110 and CR2220 series ceramic glass electric cooktops, covering installation, operation, safety, and maintenance.</p>





[SUMMIT Pub Cellars Instruction Manual: Installation, Operation, and Care](#)

Official instruction manual for SUMMIT Pub Cellars, covering models FF7LBPUB, FF29KDPUB, FF63BDTPUB, SCR312LPUB, SCR600BLPUB, and SCR2466PUB. Provides detailed guidance on installation, operation, maintenance, troubleshooting, and warranty information.