

**Z112-012**

**EXTENDED RESIDUAL BRIQUETS**  
A SUSTAINED RELEASE [PRODUCT] [MOSQUITO GROWTH REGULATOR] TO  
PREVENT ADULT MOSQUITO EMERGENCE (INCLUDING THOSE WHICH MAY  
TRANSMIT WEST NILE VIRUS)

Active Ingredient:	
(S)-Methoprene (Dry Weight Basis).....	2.1%
Other Ingredients .....	97.9%
Total .....	100.0%

This product contains water; therefore the weight of the briquette and percent by weight of active ingredient will vary with hydration. The ingredient statement is expressed on a dry weight basis.

**Batch Code:** \_\_\_\_\_

**KEEP OUT OF REACH OF CHILDREN**

**PRECAUTIONARY STATEMENTS**

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

**INTRODUCTION**

Z112-012 briquets are designed to release effective levels of (S)-methoprene insect growth regulator over a period up to 3 months in mosquito breeding sites. Release of (S)-methoprene insect growth regulator occurs by dissolution of the briquet. Soft mud and loose sediment can cover the briquets and inhibit normal dispersion of the active ingredient. The product may not be effective in those situations where the briquet can be removed from the site by flushing action.

Z112-012 BRIQUETS prevent the emergence of adult mosquitoes from treated water. Treated larvae continue to develop normally to the pupal stage where they die.

**NOTE:** (S)-methoprene insect growth regulator has no effect on mosquitoes that have reached the pupal or adult stage prior to treatment.

**ACCEPTED**  
**FEB 27 2013**

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for  
the pesticide registered under  
EPA Reg. No. 63823-58

### **DIRECTIONS FOR USE**

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

#### **APPLICATION TIME**

Place Z112-012 Extended Residual Briquets at or before the beginning of the mosquito season. Under normal conditions, 1 application will last up to 3 months. Continue treatment as needed through the last brood of the season.

#### **APPLICATION RATES**

For control in non- (or low-) flow shallow depressions less than or equal to 2 feet ( $\leq 2$  feet) in depth, treat on the basis of surface area, placing 1 briquet per 100 square feet. Place briquets in the lowest areas of mosquito breeding sites to maintain continuous control.

For catch basins, place 1 briquet into each basin. For storm water drainage areas, place 1 briquet per 100 square feet of surface area up to 2 feet deep.

Water flow pressure increases the potential dissolution of the briquet. Conduct regular inspections (visual or biological) in areas of water flow to determine if the briquet is still present. Adjust the retreatment interval based on the results of an inspection.

For application to small contained sites which may not be amenable to a rate of a single briquet per 100 square feet, use 1 briquet per contained site (i.e. animal watering troughs, cesspools and septic tanks, transformer vaults, abandoned swimming pools, tires, and other small artificial water-holding containers).

#### **APPLICATION SITES**

Z112-012 briquets are designed to control mosquito larvae in the following sites: storm drains, catch basins, roadside ditches, ornamental fish ponds, ornamental ponds and fountains, other artificial water-holding containers, animal watering [horse] troughs, cesspools and septic tanks, waste treatment and settling ponds, flooded crypts, transformer vaults, abandoned swimming pools, tires, construction and other manmade depressions, cattail marshes, water-hyacinth beds, vegetation-choked phosphate pits, pastures, meadows, rice fields, freshwater swamps and marshes, salt and tidal marshes, treeholes, woodland pools, floodplains, and dredging spoil sites. For application sites connected by a water system, i.e., storm drains or catch basins, treat all of the water-holding sites in the system to maximize the efficiency of the treatment program.

ACCEPTED

#### **STORAGE AND DISPOSAL**

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

STORAGE: Store in a cool place. Do not reuse empty container.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Non-refillable container. Do not reuse or refill this container. Completely empty bag. Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration.

#### **WARRANTY & CONDITIONS OF SALE**

To the extent allowable by applicable law, Seller makes no warranty, expressed or implied, concerning the use and handling of this product other than indicated on the label. To the extent allowable by law, Buyer assumes all risks of use and handling of this material when such use and handling are contrary to label instructions.

Always read the label before using this product.

For information, or in case of emergency, call 1-800-XXX-XXXX.

EPA Reg. No.: 63823-58  
EPA Est. No.: *[production establishment TBD]*

Manufactured for  
Management Contract Services, Inc.  
Valdosta, Georgia USA