

45823-57

## Z112-011

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)..... 8.62%

Other Ingredients ..... 91.38%

Total ..... 100.00%

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

**ACCEPTED**

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

FEB 27 2013

Under the Federal Insecticide, Fungicide,  
and Rodenticide Act, as amended, for  
the pesticide registered under  
EPA Reg. No. 63823-57

**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 unused product.

**NOTE TO USER:** Do not remove Z112-011 briquets from container except for immediate use.

### INTRODUCTION

Because of the unique mode of action of Z112-011 briquets, users must be familiar with special techniques for accurate evaluation of treatments. See APPLICATION RATES & INTERVALS section of this label or consult local Mosquito Abatement Agency. Effective use of Z112-011 briquets in sites subjected to periodic heavy flow of water requires careful attention to briquet placement and to the possible need for retreatment. Application of the product in storm drains, waste treatment and settling ponds, and similar systems must be undertaken by experienced pesticide applicators such as personnel of Mosquito Abatement Districts and Public Health Agencies.

The Z112-011 briquet is a formulation designed to release effective levels of (S)-methoprene insect growth regulator up to 30 days under typical environmental conditions. Release of (S)-methoprene insect growth regulator is effected by dissolution of the Z112-011 briquet. If briquets become covered by obstructions such as debris, vegetation, and loose sediment as a result of high rainfall or flow, normal dispersion of the active ingredient can be inhibited. Water flow may increase the dissolution of the briquet thus reducing the residual life of the briquet. Inspect areas of water flow to determine appropriate retreatment intervals. To assure positive results, place Z112-011 briquets where they will not be swept away by flushing action.

Z112-011 briquets prevent the emergence of adult mosquitoes from treated water. Treated larvae may continue to develop normally to the pupal stage where they die.

#### **DIRECTIONS FOR USE**

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

#### **APPLICATION TIMING**

Apply Z112-011 briquets at the beginning of the mosquito season. Z112-011 briquets provide up to 30 days residual control. Continue treatment through the last brood of the season. Apply at any stage of development prior to the pupal stage.

NOTE: This insect growth regulator has no effect on mosquitoes which have reached the pupal or adult stage prior to treatment.

#### **APPLICATION SITES**

Z112-011 briquets are designed to control mosquitoes in storm drains, catch basins, roadside ditches, fish ponds, ornamental ponds and fountains, 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.

#### **APPLICATION RATES**

For mosquito control in non- (or low-) flow, shallow depressions (up to 2 ft in depth), treat on the basis of surface area placing 1 Z112-011 briquet per 100 square feet. For applications in storm water drainage areas, sewers, and catch basins: Place 1 Z112-011 briquet into each catch basin.

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 [horse] troughs, cesspools and septic tanks, transformer vaults, abandoned swimming pools, tires, and other small artificial water-holding containers.)

#### **STORAGE AND DISPOSAL**

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

STORAGE: Store in a cool, dry place.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product must 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 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.: 63823-57

EPA Est. No.: *{production establishment tbd}*

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