

FIFRA SECTION 24(c) SPECIAL LOCAL NEED (SLN) LABEL  
FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF FLORIDA

**MALATHION 8 AQUAMUL**

Loveland Products, Inc.

EPA REG. NO. 34704-474

EPA SLN NO. FL-150006

<b>Active Ingredient:</b> .....	<b>% BY WT.</b>
<b>Malathion</b>	
<b>(O, O-Dimethyl phosphorodithioate of diethyl mercaptosuccinate):</b> .....	<b>81.8%</b>
<b>Other ingredients:</b> .....	<b>18.2%</b>
<b>Total:</b> .....	<b>100.0%</b>

For use in the control of exotic (non-established, quarantinable) fruit fly members of the family *Tephritidae*, including, but not restricted to, Mediterranean fruit fly (*Ceratitis capitata*), Oriental fruit fly (*Bactrocera dorsalis*), Mexican fruit fly (*Anastrepha ludens*), Caribbean fruit fly (*Anastrepha suspensa*), Melon fruit fly, (*Bactrocera cucurbitae*), Olive fruit fly (*Dacus oleae*), Peach fruit fly (*Bactrocera zonata*), Guava fruit fly (*Bactrocera correcta*), and Queensland fruit fly (*Bactrocera tryoni*).

**DIRECTIONS FOR USE**

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling. This SLN label and the EPA registered product label must be in the possession of user at the time of pesticide application.**

Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on this Special Local Need (SLN) and on the EPA-registered label for Malathion 8 Aquamul (EPA Reg. No. 34704-474).

**LOCATION:** STATEWIDE

**Crop/Site/Commodity:** Commercial and ornamental plantings of crops.

- Apricots, Arugula, Avocado, Bitter melons, Cantaloupe, Chayote, Citrus (grapefruit, lemons, limes, oranges, tangerines, tangelos), Cucumbers, Eggplant, Figs, Gourds, Grapes, Green Beans, Guavas, Hops, Kumquat, Leeks, Mangos, Melons, Nectarines, Onions, Papaya, Passion Fruit, Peaches, Peppers, Potato, Pineapples, Pumpkins, Shallots, Squash (summer, winter), Strawberry, Tomato, Watermelon.

**Target Pest/Problem:**

Quarantinable members of the fruit fly family *Tephritidae*.

**Dosage: Apply 2.9 fluid ounces of product (0.18 lb ai) mixed with approximately 9.6 fl oz protein hydrolase bait per acre.**

Add water which has been buffered to near 7.0 pH, if required, according to the amounts given below, per acre.

**I. Aerial Application (ULV) by plane or helicopter**

<b>Commercial Acreage</b>
2.9 fl oz product/A
9.6 fl oz protein hydrolase bait/A
2.9 gal water/A

**II. Ground Spot-Spray Application**

Urban Areas	Commercial Acreage
2.9 fl oz product/A	2.9 fl oz product/A
9.6 fl oz protein hydrolase bait/A	9.6 fl oz protein hydrolase bait/A
40 gal water or less (or as needed based on sprayer type)	40 gal water or less (or as needed based on sprayer type)

**Method of Application: Ground Spot-Spray Application or Aerial application (ULV by plane or helicopter)**

- A spot-spray application consists of small amounts of pesticide plus bait applied to individual plants throughout an acre so that some plants on the perimeter and inside the perimeter are sprayed with the bait-pesticide mixture.
- Use a large spray droplet size (4-6 mm). Set your nozzle tip or use nozzle tips that provide large droplets.

**Frequency/Timing of Application:**

1. Aerial and/or ground spot spray applications shall commence immediately upon establishment of treatment zones, or boundaries.
2. Ground (spot spray) or aerial applications (ULV) will be conducted at 6- to 10-day intervals, and shall continue as determined by established program protocol.
3. At the onset of an infestation, it may be determined to be biologically and economically expedient to immediately initiate ground applications on selected properties or sites, to be followed within 24 to 96 hours with a comprehensive aerial application. In such cases, the combined treatment will only be conducted once after which regular application scheduling will follow.
4. If application within a scheduled treatment zone is interrupted by breakdowns or other factors (rainfall), the entire zone may be retreated within 24 hours to preserve the schedule interval.

**Restricted Entry Interval (REI):**

Agricultural Use Requirements—As required by the product label.

Non-Agricultural Use Requirements—Do not allow contact with treated surfaces until sprays have dried.

**Pre-harvest Interval (PHI):** The PHI ( ) in days for commercial crop production

- **PHI (0);** Potatoes
- **PHI (1);** Bitter melon, Chayote, Cantaloupe, Cucumbers, Gourds, Green Beans, Mango, Melons, Papayas, Squash (summer, winter), Tomatoes, Watermelon
- **PHI (2);** Guavas

- **PHI (3);** Eggplants, Garlic, Grapes, Leeks, Onion, Passion fruit, Peppers, Shallots, Strawberries
- **PHI (5);** Figs
- **PHI (6);** Apricots
- **PHI (7);** Arugula, Avocados, Grapefruit, Kumquats, Lemons, Limes, Nectarines, Oranges, Peaches, Pineapple, Tangelos, Tangerines
- **PHI (10);** Hops

**Other Requirements:**

1. This special local need registration must be in the possession of the applicator and supervisory personnel responsible for conducting the treatment at the treatment site.
2. The Department shall be notified immediately of any adverse effects resulting from the use of this treatment.
3. Treatments and their schedules listed in this registration are intended to be used for quarantinable pests and eradication areas only.
4. When applying do not apply over bodies of water (lakes, rivers, permanent streams, natural ponds, commercial fish ponds, swamps, marshes, or estuaries), except when necessary to target areas where quarantinable members of the *Tephritidae* family are present, and weather conditions will facilitate movement of applied material away from the water to minimize incidental deposition into the water body.
5. Do not use in mixture with other pesticides unless provided for in the labeling.

**SLN Registrant:**

Florida Department of Agriculture and  
 Consumer Services  
 Division of Plant Industry  
 1911 S.W. 34th Street  
 Gainesville, FL 32608

