

59144-1

1/29/2002

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060.

United States <b>Environmental Protection Agency</b> 1200 Pennsylvania Avenue, N.W. Washington, DC 20460-0001	<input type="checkbox"/> <b>Registration</b> <input type="checkbox"/> <b>Amendment</b> <input checked="" type="checkbox"/> <b>Other</b>	OPP Identifier Number
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### Application for Pesticide - Section I

1. Company/Product Number <b>EPA Reg. No. 59144-1</b>	2. EPA Product Manager <b>Marilyn Mautz</b>	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/ Product (Name) <b>Malathion 50% Insect Spray</b>	PM #	
5. Name and Address of Applicant (Include ZIP Code) <b>Gro Tec, Inc. c/o RegWest Company 30856 Rocky Road Greeley, CO 80631-9375</b>	6. <b>Expedited Review.</b> In accordance with FIFRA Section 3(c)(3)(b)(i) my product is similar or identical in composition and labeling to:  EPA Reg. No. _____  Product Name _____	
<input type="checkbox"/> Check if this is a new address		

### Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.

**NOTIFICATION**  
**NOTIFICATION**  
**JAN 29 2002**

**Explanation:** Use additional page(s) if necessary. (For Section I and Section II.)

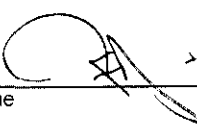
**Submit notification of label revision per PR Notice 98-10 to:  
Add selling copy and graphics; add information and emergency numbers; revise warranty and disclaimer.**

*This notification is consistent with the provisions of PR Notice 98-10 and EPA regulations at 40 CFR § 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to the EPA. I further understand that if this notification is not consistent with the terms of PR Notice 98-10 and 40 CFR § 152.46 this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA.*

### Section - III

1. Material This Product Will Be Packaged In:			
Child Resistant Packaging <input type="checkbox"/> Yes* <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify): _____
<b>*Certification must be submitted</b>		If "Yes" Unit Packaging Wgt.   No. Per Container	If "Yes" Packaging Wgt.   No. Per Container
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container	5. Location of Label Directions <input type="checkbox"/> On Label <input type="checkbox"/> On Labeling Accompanying Product
6. Manner in Which Label is Affixed to Product <input type="checkbox"/> Lithograph <input type="checkbox"/> Stenciled <input type="checkbox"/> Paper glued <input type="checkbox"/> Other _____			

### Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application).		
Name <b>Kim Davis, CC, APC</b>	Title <b>Consultant/Agent</b>	Telephone No. (Include Area Code) <b>(970) 353-0611</b>
<b>Certification</b> I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.		6. Date Application Received (Stamped)      
2. Signature 	3. Title <b>Consultant/Agent</b>	
4. Typed Name <b>Kim Davis, CC, APC</b>	5. Date <b>December 28, 2001</b>	

# MALATHION 50% INSECT SPRAY

For Home and Garden Pest Control

**Spray Concentrate**  
**Emulsifiable Concentrate**  
Provides Quick Kill Upon Direct Contact with Listed Pests

For Flowers & Shrubs  
For Fruits & Vegetables

**NOTIFICATION**

JAN 29 2002

For Ornamental and Fruit Tree Insect Control:  
Home Flower Gardens  
Home Vegetable Gardens  
Home Greenhouse Plants

Controls Spider Mites, Mealy Bugs, Leafhoppers and Japanese Beetles  
[Graphics of: Aphid, Cucumber Beetle, Japanese Beetle]

**Active Ingredient:**

Malathion: O,O-dimethyl phosphorodithioate	
of diethyl mercaptosuccinate .....	50.00%
<b>Inert Ingredients*</b> .....	50.00%
*Contains petroleum distillates	Total ..... 100.00%

**Keep Out of Reach of Children**  
**WARNING**

See end of booklet for additional precautionary statements

EPA Reg. No. 59144-1

EPA Est. \_\_\_\_\_

Net Contents: \_\_\_\_\_ fl. oz. (\_\_\_\_ mL)

Distributed by  
**GRO TEC, INC.**  
P.O. Box 290  
Madison, GA 30650

{Booklet}

Peel here for use,  
storage and  
disposal directions

[Sunshine Graphic]  
Outdoor Use™

**DIRECTIONS FOR USE**

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

Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes or climactic modification and being grown in home ornamental gardens or on lawns and grounds. Do not apply this product through any type of irrigation system.

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### Fruit Insect Control

To protect most fruit, a regular spray schedule should be set at 10 to 14 day intervals after the trees have bloomed and the small fruit has formed. For best results consult your local Agricultural Extension Service for spray schedules and proper timing of applications for your locality.

**Apples:** To control Aphids, Bud Moth, Forbes Scale, Codling Moth, Plum Curculio, Red Banded Leafrollers and Spider Mites, mix 2 teaspoonfuls in 1 gallon of water. Make two or more applications for mites and one or more for aphids spaced at 7 to 10 day intervals or as a schedule indicates for a cover spray. Do not apply later than 3 days before harvest. This product may injure Cortland and McIntosh varieties in summer sprays.

**Cherries:** For Black Cherry Aphids and Fruit Tree Leafrollers, mix 1 teaspoonful in 1 gallon of water and thoroughly spray trees. Do not apply later than 3 days before harvest. May injure foliage in some varieties. Test spray, as for grapes, before application.

**Grapes:** For Leafhoppers, Spider Mites and Mealy Bugs, mix 1 teaspoonful in 1 gallon of water. Do not apply later than 3 days before harvest. May cause injury to foliage of certain varieties. As a test, spray several leaves of the plant first and observe later. If no damage occurs it is safe to apply.

**Peaches:** For Spider Mites, Oriental Fruit Moth and Plum Curculio, mix 2 teaspoonfuls in 1 gallon of water. Spray when damage is first seen or anticipated. Do not apply later than 7 days before harvest.

**Pears:** To control Codling Moth, Fruit Trees Leafrollers, Pear Psylla, Plum Curculio and Red Banded Leafrollers, use 2 teaspoonfuls per gallon of water. Do not apply later than 1 day before harvest. May injure Bosc pears under certain conditions in the Northeastern states.

**Pecans:** Follow a suggested spray schedule from your University Extension Service to control Spider Mites, Aphids, Pecan Nut Casebearer and Pecan Phylloxera. Mix 2 teaspoonfuls in 1 gallon of water and apply with a pressure sprayer. Treat when insects are first seen or their damage is anticipated. Large trees should be sprayed by a licensed commercial spray service.

**Strawberries:** For control of Spider Mites and Aphids, mix 1 teaspoonful in 1 gallon of water. Treat when insects first appear. Do not apply later than 3 days before harvest. **Note:** Do not apply when fruit is in bloom and bees are present. Plan on a regular spray application to fruit at 1 to 2 week intervals through the growing season to get best results.

### For Use in the Home Greenhouse

When grown in a home greenhouse the following food plants may be treated for Aphids and Spider Mites when observing the pre-harvest spray interval as listed after the crop: **Beans** – 1 day; **Cucumber** – 1 day; **Eggplant** – 3 days; **Head Lettuce** – 7 days; **Onion** – 3 days; **Pepper** – 3 days; and **Tomatoes** – 1 day.

Observe proper ventilation procedures and treat plants in early morning during cool temperatures. Mix 2 teaspoonfuls of this product in 1 gallon of water and thoroughly treat all portions of the plant. Certain vegetables (such as cucumbers) may be injured if sprayed when humidity and temperature are high (> 80°F). Test spray a leaf or two and observe at a later time before applying to entire crop; otherwise treat only when greenhouse temperatures are moderate at 70° to 75° F.

### Home Citrus Insect Control

For use on Grapefruit, Kumquats, Lemons, Limes, Oranges and Tangerines: For control of Black Scale, California Scale, Citricola Scale, Soft Scale and Yellow Scale, mix 1 to 1½ teaspoonfuls per gallon of water. For control of Florida Red and Purple Scale and the Mediterranean Fruit Fly use 2 teaspoonfuls per gallon of water. For Thrips and Aphids use 1½ teaspoonfuls per gallon of water. This spray will also suppress Spider Mites that may be present. Apply spray to give thorough coverage of fruit and the upper and lower sides of leaves and twigs when insects are present or their damage is anticipated. Do not apply when trees are in bloom or within 7 days of harvest.

### Outdoor Ornamental Insect Control

**Where to Use:** May be used on a wide variety of Flowers, Shade Trees and Shrubs and for the insects as listed below. Due to possible plant injury, do not use on the following plants: Ferns, Hickory, Viburnum, Lantana, Crassula, Cannarti Juniper, Boston Ferns, Pteris Ferns, Maidenhair Ferns, Petunia, Small Leaf Spirea, White Pine or Maples.

**How to Use:** Mix the proper amount in a hose-end sprayer designed for use on shrubs, or a hand pressure or pump sprayer. Thoroughly spray all portions of the plant including the underside of leaves, stems and buds. Repeat as needed for control.

**How to Mix:** For all insects other than Pine Needle or Wax Scale use 2 teaspoonfuls per gallon of water. For Pine Needle and Wax Scale use 4 teaspoonfuls per gallon of water. Treat when insects are first seen and/or their damage is first noticed. Repeat as needed for control.

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Aphids	Scale Insects:	Scale Insects (continued):	Mealybugs
Bagworms	Azalea Scale	Monterey Pine Scale	Oak Kermes*
Birch Leaf Miner	Black Scale Crawlers	Oyster Shell Scale*	Potato Leafhopper
Boxwood Leaf Miner	Euonymus Scale	Pine Leaf Scale	Rose Leafhopper
European Pine Shoot Moth	Fletcher Scale*	Pine Needle Scale	Spider Mites
Four-lined Leaf Bug	Florida Scale*	Scurfy Scale	Tarnished Plant Bug
Japanese Beetle Adult	Juniper Scale*	Soft Brown Scale	Tent Caterpillar
Lace Bugs	Magnolia Scale	Wax Scale**	Thrips (exposed stages)

\*Apply when Scale Crawlers have settled on the foliage.

\*\*Apply in spring when crawlers are active. Repeat in 1 or 2 full coverage applications at 10 day intervals.

### Vegetable Garden Insect Control

**How to Spray:** Mix the proper amount in a hose-end garden type sprayer or a hand held garden pressure sprayer. Thoroughly mix and apply to all portions of the plant: undersides of leaves, stems, buds and developing fruit. Do not spray blooms.

**When to Use:** Treat in the spring and/or when insects are first seen or their damage is noticed. Do not spray later than the number of day(s) as shown in the chart for the "Preharvest Spray Interval" column. Repeat otherwise as needed. Do not apply to wet vine crops.

**How to mix:** Mix 2 teaspoonfuls per gallon of water.

Vegetable	Insect Pest(s)	Preharvest Spray Interval
Beans	Aphids, Spider Mites, Cucumber Beetles, Leafhoppers	1 day
Celery	Aphids, Spider Mites	7 days
Cucumbers, Squash, Melons	Aphids, Spider Mites, Cucumber Beetles, Leafhoppers	1 day
Cabbage, Broccoli, Mustard, Turnips, Head Lettuce	Aphids, Imported Cabbage Worm, Cabbage Looper, Leafhoppers	7 days
Eggplant	Aphids, Spider Mites	3 days
Onions	Exposed Thrips	3 days
Peppers	Aphids	3 days
Potatoes	Aphids, Leafhoppers, Mealybugs	0 day
Radishes	Aphids	7 days
Tomatoes	Aphids, Spider Mites	1 day

Mixing Rate Comparisons: 1 tsp./gal. = 1 pt./100 gallons    2 tsp./gal = 2 pts./100 gals.

### Storage and Disposal

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

**Storage:** Store product in its original labeled container in a cool, dry, locked place out of reach of children. **Disposal:** Do not reuse empty container. Wrap in several layers of newspaper and discard in trash.

### PRECAUTIONARY STATEMENTS

#### Hazards to Humans and Domestic Animals

**WARNING:** Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (safety glasses). Harmful if swallowed. Avoid breathing spray mist or vapors. Avoid contact with skin. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse. Avoid contamination of feed and foodstuffs. Do not treat areas frequented by children and do not allow children in treated areas until the spray has dried. Use only with adequate ventilation. After using this product in greenhouses ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surfaces until sprays have dried. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

#### First Aid

**If Swallowed:** Call a physician or Poison Control Center immediately. Drink promptly a large quantity of milk, egg whites or gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Do not induce vomiting as it may cause aspiration pneumonia. **If in Eyes:** Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention. **If on Skin:** Remove contaminated clothing and wash affected area with soap and water. Get medical attention if irritation persists. **If Inhaled:** Remove victim to fresh air and apply artificial respiration if indicated. Get medical attention.

**Note to Physician:** Malathion upon exposure may cause cholinesterase inhibition. Atropine is antidotal. Aromatic solvent may present aspiration hazard. Gastric lavage is indicated if product was swallowed.

#### **Environmental Hazards**

This pesticide is toxic to fish, aquatic invertebrates and aquatic life stages of amphibians. Do not apply directly to water. Drift and runoff may be hazardous to aquatic organisms in areas near the application site. Do not contaminate water when disposing of equipment washwaters. This product is highly toxic to bees exposed to direct treatment on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

#### **Physical or Chemical Hazards**

Do not use, pour, spill or store near heat or open flame.



**For more information call 888-648-9855**

**In case of emergency call 800-424-9300**

**Warranty and Disclaimer:** Gro Tec, Inc. guarantees this product to the extent of the purchase price, only when used according to label directions.

**Malathion 50% Insect Spray**  
EPA Reg. No. 59144-1

**Graphics**  
(Associated with the 12/28/01 Label Revision Notification)

**Aphid**



**Cucumber Beetle**



**Japanese Beetle**



**Sunshine**



Small, illegible text or a barcode located in the bottom right corner of the page.

7/7

December 28, 2001



Ms. Sherada Hobgood  
Document Processing Desk – **NOTIF**  
Office of Pesticide Programs – **7504C**  
**U.S. Environmental Protection Agency**  
Ariel Rios Building  
1200 Pennsylvania Avenue, N.W.  
Washington, DC 20460-0001

Dear Ms. Hobgood:

**Subject:** Gro Tec, Inc.  
Malathion 50% Insect Spray  
EPA Reg. No. 59144-1

On behalf of its client **Gro Tec, Inc. [P.O. Box 290; Madison, GA 30640]**, RegWest Company is submitting the attached materials as notification of a label revision for subject product. RegWest Company will act as sole agent in this endeavor.

Attached are the following documents:

1. Application for Pesticide: Other
2. One **Reference Label**
3. One Master Label
4. Graphics page

Please refer to the **Reference Label** for an illustration of the label revisions. They entail, primarily, adding selling copy and graphics; adding information and emergency numbers; and changing the "Notice" to a "Warranty and Disclaimer" statement.

Market labeling is not submitted herewith, as it does not contain the full body of the master label text. However, I have attached a page that provides the graphics referred to in the master label.

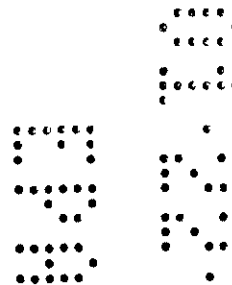
Please contact me at (970) 353-0611 if you have any questions concerning this submission.

Regards,  
**RegWest Company**

Kim Davis, CC, APC  
Consultant/Agent

Attachments

pc: CPI - Hacker, S.



30856 Rocky Road  
Greeley, CO 80631-9375  
970-353-0611  
970-353-0613 Fax  
regwestco@aol.com