

61887-3

7/18/2002

1/6



## U.S. ENVIRONMENTAL PROTECTION AGENCY

OFFICE OF PESTICIDE PROGRAMS  
1200 Pennsylvania Avenue N.W.  
Washington, DC 20460-0001

EPA Reg. Number  
61887-3

Date of Issuance  
JUL 18 2002

Term of Issuance  
Unconditional

Name of Pesticide Product  
Orange Guard For  
Ornamental Plants

## NOTICE OF PESTICIDE

X Registration  
\_\_\_\_ Reregistration  
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Orange Guard, Inc.  
7 Trampa Canyon Road  
Carmel Valley, CA 93924

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA).

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5) provided that you:

1. Submit and/cite all data required for registration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA sec. 4.
2. Replace "EPA Reg. No. 61887-G" on page 3 and 5 with "EPA Reg. No. 61887-3"

A stamped copy of the draft label is enclosed for your records. Submit a copy of your final printed labeling (labeling with the graphics) before you release the product for shipment. Your release of the product for shipment constitutes acceptance of these conditions. If the above conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Should you have any questions, do not hesitate to contact me at 703-605-0368.

Signature of Approving Official:

S. Oonnithan, Ph.D.  
Entomologist  
Insecticide-Rodenticide Branch  
Registration Division (7505C)

Date:

JUL 18 2002

Commercial Label

## Orange Guard For Ornamental Plants

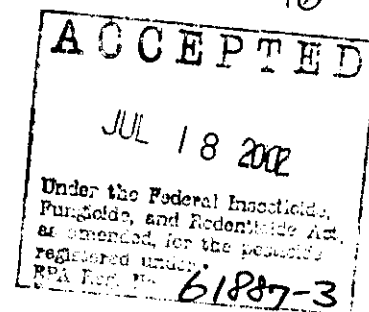
**Concentrate**

**Water Based Formula**

FOR INSTITUTIONAL AND COMMERCIAL USE

Indoor - Outdoor

Kills and repels aphids, spider mites, leaf hoppers, and scale insects



Active Ingredients	Percent
d-Limonene .....	5.8
Other Ingredients .....	94.2
Total .....	100.0

(Contains 0.46 lb Technical d-Limonene per gallon)

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

**PRECAUTIONARY STATEMENTS**

<b>FIRST AID</b> Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<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 a poison control center or doctor immediately for 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 immediately for treatment advice.</li></ul>

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION:** Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Harmful if inhaled. Avoid breathing vapor. May cause skin or eye irritation. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS:** This product may be hazardous to aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment wash waters or rinsate. **Bee Hazard:** This product is toxic to bees when exposed to direct treatment. Do not apply this product while bees are actively visiting the treatment area.

**PERSONNEL PROTECTIVE EQUIPMENT (PPE):** Applicators and other handlers must wear: protective eye wear, long sleeved shirt, long pants, waterproof gloves and shoes with socks. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with the product's concentrate. Do Not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**USER SAFETY RECOMMENDATIONS:** User should wash hands before eating, drinking, chewing

gum or using tobacco or using the toilet. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

**DIRECTION FOR USE:** It is a violation of federal law to apply this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or indirectly or through drift. Only protected handlers may be present in the area during application. For any requirements specific to your State or Tribe, consult with the Agency responsible for pesticide regulation.

### **Agricultural use requirements**

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR Part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about PPE, notification to workers, and restricted entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the WPS.

- Do not enter or allow worker entry into treated areas during the REI of 12 hours.
- PPE required for early entry to treated areas that is permitted under the WPS and that involves contact with anything that has been treated, such as plants, soil, or water is:
  - Coveralls
  - Waterproof gloves
  - Shoes plus socks

### **Non-Agricultural Use Requirements**

The requirements of this box apply to uses of this product that are not within the scope of the WPS for agricultural workers (40 CFR Part 170). Such uses include plants intended for aesthetic purposes or climatic modification and being grown in interior landscapes, ornamental gardens or parks, or golf courses, or lawns or grounds. The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries and greenhouses.

### **GENERAL INFORMATION**

BEFORE USING THE PRODUCT READ ALL DIRECTIONS AND RESTRICTIONS. Do not apply this product through any type of irrigation system. Orange Guard (OG) for Ornamental Plants may be used for a variety of pests on all types of ornamental plants, including bedding, flowering, foliage, perennial and woody plants and bulb crops. OG for Ornamental Plants may be used in all areas where these plants are grown and /or maintained; indoors or outdoors, in containers or in the ground, including greenhouses and shade houses, nurseries, including Christmas tree/conifer plantations, landscapes, interiors capes and residential, public, commercial, industrial and institutional areas, schools, day care centers, retirement homes and shopping malls.

**Pests:** Limonene will control plant pests like: adelgids (wooly aphids), aphids, lace bugs, leaf

hoppers, mealy bugs, mites, plant hoppers, scale insects and white flies.

**Sites and Dilutions:** Dilute 1 part OG for Ornamental Plants with 4 parts water for delicate plants, including but not limited to: Spider Plant, Parlor Palm, Arrowhead Philodendron, Red Ginger, Palm Tree, Rose (tea hybrid), Cymbidium Orchid, Phalaenopsis Orchid, Poinsettia, Norfolk Island Pine, Primrose mix, Cyclamen, Periwinkle, Chrysanthemum, Hibiscus, Snapdragon, Calla Lily.

Use a lower dilution (1 part OG for Ornamental Plants with 6 parts water) for more delicate plants including but not limited to: Hedera Ivy, Sword Fern. These represent plants that we have tested, however always spray a few plants before spraying a large area to avoid damage. Temperature and humidity may affect results.

**Application Equipment and Rates:** Using conventional ground or hand held spray equipment apply the diluted product at these rates: for row crops: 25 to 50 gallons per acre, for vine crops: 50 to 200 gallons per acre, for tree crops: 100 to 400 gallons per acre and for horticulture and greenhouse crops: 100 gallons treats 10,000 - 20,000 sq. ft. Maximum Spray volume per application; 600 gallons per acre or 13.75 gallons per 1000 sq. ft. (forestry). Six applications may be made per season. It is advisable to use the highest dilution rates that control your infestation for economic and plant safety reasons.

**Restrictions:** Cups and other utensils used to measure pesticides should not be used for food purposes. Do not spray when plants are under stress. Avoid spraying in direct sunlight or the heat of the day. May be applied at all plant growth stages (after first true leaves appear). Avoid spraying flowers or flower parts. Do not apply by aerial equipment. Keep people and pets out of the treated areas during and immediately following treatment.

#### **STORAGE AND DISPOSAL**

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

**Pesticide Storage:** Store only in original container in a cool dry place, inaccessible to children and domestic animals.

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

**Container Disposal:** Plastic containers - Triple rinse or equivalent; then offer for recycling or reconditioning. Or puncture and dispose of in a sanitary landfill or by incineration if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Net Contents 128 fl. oz.**

EPA Reg. No. 61887-G

EPA Est.. No. 061887-CA-001

Patent Pending

**Warranty:** Orange Guard Inc. will not accept liability for damage or injury resulting from misuse.

Orange Guard Inc. 7 Trampa Canyon Road, Carmel Valley, CA 93924.

[www.orange-guard.com](http://www.orange-guard.com)

5/6

Homeowner Label

# Orange Guard For Ornamental Plants

**Concentrate**

*Water Based Formula*

FOR DOMESTIC USE ONLY

Indoor - Outdoor

Kills and repels aphids, spider mites, leaf hoppers, and scale insects

Active Ingredients	Percent
d-Limonene .....	5.8
Other Ingredients .....	94.2
Total .....	100.0

KEEP OUT OF REACH OF CHILDREN

**CAUTION**

**PRECAUTIONARY STATEMENTS**

FIRST AID	
Have the product container or label with you when calling a poison control center or doctor or going for treatment.	
<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 a poison control center or doctor immediately for 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 immediately for treatment advice.</li> </ul>

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION:** Harmful if absorbed through skin. Avoid contact with eyes, skin or clothing. Harmful if inhaled. Avoid breathing vapor. May cause skin or eye irritation. Wash thoroughly with soap and water after handling.

**ENVIRONMENTAL HAZARDS:** This product may be hazardous to aquatic invertebrates. Do not apply directly to water.

**DIRECTION FOR USE:** It is a violation of federal law to apply this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or indirectly or through drift. Only protected handlers may be present in the area during application. For any requirements specific to your State or Tribe, consult with the Agency responsible for pesticide regulation.

**GENERAL INFORMATION:** READ THE ENTIRE LABEL BEFORE USE. Orange Guard (OG) for Ornamental Plants may be used for a variety of pests on all types of ornamental plants, including bedding plants, flowering plants, foliage plants, bulb crops, perennial plants and woody plants.

6/6

OG for Ornamental Plants may be used in all areas where these plants are grown and /or maintained: indoors or outdoors, in containers or in the ground.

**Pests Controlled:** Limonene will control plant pests like: adelgids (wooly aphids), aphids, lace bugs, leaf hoppers, mealy bugs, mites, plant hoppers, scale insects and white flies.

**Sites and Dilutions:** Dilute 1 part OG for Ornamental Plants with 4 parts water for delicate plants, including but not limited to: Spider Plant, Parlor Palm, Arrowhead Philodendron, Red Ginger, Palm Tree, Rose (tea hybrid), Cymbidium Orchid, Phalaenopsis Orchid, Poinsettia, Norfolk Island Pine, Primrose mix, Cyclamen, Periwinkle, Chrysanthemum, Hibiscus, Snapdragon, Calla Lily. Use a lower dilution (1 part OG for Ornamental Plants with 6 parts water) for more delicate plants including but not limited to: Hedera Ivy, Sword Fern. These plants represent plants that we have tested, however always spray a few plants before spraying a lot of plants to avoid damage. Temperature and humidity may affect results.

**How To Use:** Using a measuring cup dilute 1 part OG for Ornamental Plants with 4 or 6 parts water. Using a hand pump, spray the plant surfaces until run off making sure to spray both the top and bottom of leaves and stems. Apply during cooler hours and avoid direct sunlight. Use conventional ground or handheld sprayers. Test for varietal sensitivity on a few plants before spraying many. Use during all plant stages, but avoid spraying new growth and open blooms. (plants). It is advisable to use the highest dilution rates that control your infestation for economic and plant safety reasons.

**Restrictions:** Utensils such as spoons and measuring cups must not be used for food purposes after use with pesticides. Do not spray when plants are under stress. Avoid spraying in direct sunlight or the heat of the day. May be applied at all plant growth stages (after first true leaves appear). Avoid spraying flowers or flower parts. Keep people and pets out of treated areas during and immediately following treatment.

#### **STORAGE AND DISPOSAL**

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

**Storage:** Store only in original container in a cool dry place, inaccessible to children and domestic animals.

**Disposal:** If Empty: Do not reuse this container. Place in trash or offer for recycling if available.

If Partially Filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

**Net Contents 128 fl. oz.**

EPA Reg. No. 61887-G

EPA Est.. No. 061887-CA-001

Patent Pending

Warranty: Orange Guard Inc. will not accept liability for damage or injury resulting from misuse.

Orange Guard Inc., 7 Trampa Canyon Road, Carmel Valley, CA 93924

[www.orange-guard.com](http://www.orange-guard.com)