

53883-122

08/22/2006

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**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**

WASHINGTON, D.C. 20460

OFFICE OF  
PREVENTION, PESTICIDES  
AND TOXIC SUBSTANCES

August 22, 2006

Joe Blake  
Control Solutions, Inc.  
5903 Genoa-Red Bluff  
Pasadena, TX 77507-1041

Subject: Amendment -- Copyright Infringement  
Bifen Nursey G  
EPA Reg. No. 53883-122  
Your Letter Dated April 20, 2006

Dear Mr. Blake:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Two (2) copies of the finished labeling must be submitted prior to releasing the product for shipment. A stamped copy of the label is enclosed for your records.

1. Move the "Application for Herbs" section immediately above the Instructions for Incorporating Into Potting Media.

If you have any questions regarding this action, please contact BeWanda Alexander of my team at (703) 305-7460.

Sincerely,

A handwritten signature in cursive script, appearing to read "George T. LaRocca".

George T. LaRocca  
Product Manager (13)  
Insecticide Branch  
Registration Division (7505P)

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## Bifenthrin Nursery G

## For Agricultural and Commercial Use Only

- For Use under the USDA Plant Protection Imported Fire Ant Quarantine Certification program
- For use on Balled and Containerized Nursery Stocks

Active Ingredient:	By Wt.
Bifenthrin* .....	0.2%
Other .....	99.8%
Total .....	100.0%

\*Cis isomers 97% minimum, trans isomers 3% maximum.

Net Contents \_\_\_\_\_

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

(See other panels [inside attached booklet] for additional precautionary information)

FIRST AID	
<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 for treatment advice.</li> </ul>
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall® (866) 897-8050 for emergency medical treatment information.	
<b>Note to Physician</b> - This product is a pyrethroid. If large amounts have been ingested, milk cream and other digestible fats and oils may increase absorption and should be avoided.	

**PRECAUTIONARY STATEMENTS**  
**Hazards to Humans and Domestic Animals**  
**CAUTION**

Harmful if absorbed through skin. Avoid contact with skin, eyes, or clothing.

**Personal Protective Equipment**

Applicators and other handlers must wear:

- Long sleeved shirt and long pants
- Waterproof gloves
- Shoes and socks

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.

ACCEPTED  
 with COMMENTS  
 In EPA Letter Dated  
 AUG 22 2006

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

53883-102

### User Safety Recommendations

#### **Users Should:**

- 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.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

### **ENVIRONMENTAL HAZARDS**

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters or rinsate.

### **DIRECTIONS FOR USE**

It is a violation of Federal Law to use 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 through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### **AGRICULTURAL USE REQUIREMENTS**

Use this product only in accordance with its labeling and with the Worker Protection Standard, 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 personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during restricted entry interval (REI) of 12 hours. **Exception: if the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.**

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Waterproof gloves
- Shoes plus socks

### **ORNAMENTAL AND HERB APPLICATIONS**

(For use to incorporate soil into potting media in containerized plantings of ornamental trees, bushes, shrubs, plants, conifers, flowers, Christmas trees, and non-bearing fruit and nut trees.)

#### **Instructions for Incorporating Into Potting Media**

Measure the dry weight of a unit volume of the mix to determine the bulk density of the potting media. Determine the length of control desired and completely mix the correct amount of the Bifenthrin Nursery G with equipment that will provide consistent distribution in the potting media. A pre-mix of Bifenthrin Nursery G with the proper amount of sand (1:10) may be made to achieve sufficient distribution of the product mixture.

Bifenthrin Nursery G is approved under the USDA Plant Protection Imported Fire Ant Quarantine Certification program when used in accordance with USDA guidelines. Use the suggested treatment rates given in the following table to determine the length of control necessary for certification.

Pest	USDA IFA Certification Period (mo)	App. Rate (ppm)	Potting Media Bulk Density* (lbs. Bifenthrin Nursery G Per Cubic Yard)				
			200	300	400	500	600
Imported Fire Ant	0-6	10	1.0	1.5	2.0	2.5	3.0
	7-12	12	1.2	1.8	2.4	3.0	3.6
	13-24	15	1.5	2.25	3.0	3.75	4.5
	Continuous	25	2.5	3.75	5.0	6.25	7.5

**Comments:** Based on the known bulk density, blend the proper amount of Bifenthrin Nursery G in one cubic yard of potting media.

#### For General Use on Ornamental Plants Outside the Scope of USDA Guidelines

Fungus Gnat larvae & Mealybugs: Use 5-10 ppm

Black Vine Weevil larvae, Root Weevil larvae, White Grubs (including Japanese Beetle, oriental beetle, and European chafer larvae) & Imported Fire Ants: Use 10 to 25 ppm

For extended residual control use the higher rates.

Pest	App. Rate (ppm)	Potting Media Bulk Density* (lbs. Bifenthrin Nursery G Per Cubic Yard)				
		200	300	400	500	600
Fungus Gnat Larvae	5	0.5	0.75	1.0	1.25	1.5
Mealybugs	10	1.0	1.5	2.0	2.5	3.0
Black Vine Weevil	10	1.0	1.5	2.0	2.5	3.0
Root Weevil larvae	15	1.5	2.25	3.0	3.75	4.5
White Grubs	25	2.5	3.75	5.0	6.25	7.5
Imported Fire Ants						

**Comments:** Based on the known bulk density, blend the proper amount of Bifenthrin Nursery G in one cubic yard of potting media.

$$\text{*lbs. of Bifenthrin Nursery G per cubic yard} = \frac{\text{bulk density of potting media} \times \text{ppm}}{2000}$$

(bulk density = laboratory determined dry weight of a volume of potting media.)

#### APPLICATION FOR HERBS

For use to incorporate soil into potting media in containerized plantings of the herbs listed below (Minimum preshipment interval is 70 days):

Angelica	Costmary	Parsley
Balm	Culantro (Leaf)	Pennyroyal
Basil	Curry (Leaf)	Rosemary
Borage	Dillweed	Rue
Burnet	Horehound	Sage
Chamomile	Hyssop	Savory, summer and winter
Catnip	Lavender	Sweet Bay
Chervil	Lemongrass	Tansy
Chive	Lovage (Leaf)	Tarragon
	Marigold	

Chinese  
Clary  
Coriander (Leaf)

Marigold  
Marloram  
Nasturtium

Thyme  
Wintergreen  
Woodruff  
Wormwood

#### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use close tightly.

**In case of spill:** Avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

**To confine spill:** Cover to prevent dispersal. Place damaged package in a holding container and identify contents.

**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:** Paper and plastic bags- Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

#### WARRANTY STATEMENT

Control Solutions, Inc. warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Control Solutions, Inc. To the extent allowed by law, Control Solutions, Inc. shall in no event be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. In addition to the foregoing, no purchaser of this product (other than an end user) shall be entitled to any reimbursement for any loss suffered as a result of any suspension or cancellation of the registration for this product by the U.S. Environmental Protection Agency. Except, as expressly provided herein, Control Solutions, Inc. makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Control Solutions, Inc. election, the replacement of this product.

Control Solutions, Inc.  
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Pasadena, TX 77507-1041  
EPA Reg. No. 53883 - 122  
EPA Est. No. 53883-XXX