



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

December 2, 2025

Jeanette Covert
Regional Regulatory Manager
UPL NA Inc.
630 Freedom Business Center, Ste. 402
King of Prussia, PA 19406

Subject: Label Amendment - Registration Review Mitigation for Bifenthrin
Product Name: BIFENTHRIN 0.2%G NURSERY
EPA Registration Number: 70506-473
Case Number: 478786
Application Dates: 10/16/2025

Dear Jeanette Covert:

The Agency, in accordance with the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, has completed reviewing all the information submitted with your application to support the Registration Review of the above referenced product in connection with the Bifenthrin Interim Decision, and has concluded that your submission is acceptable. The label referred to above, submitted in connection with registration under FIFRA, as amended, is acceptable.

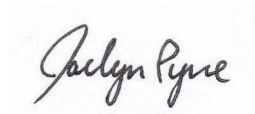
Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance Assurance.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling and must be used at your next label printing. You must submit one copy of the final printed labeling before you release the product for

shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 12 months from the date of this letter. After 12 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

If you have any questions about this letter, please contact Carolyn Smith by phone at 202-566-2273, or via email at smith.carolyn@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Jaclyn Pyne". The signature is written in a cursive style with a large, stylized "J" and "P".

Jaclyn Pyne, Team Leader
Risk Management and Implementation Branch 3
Pesticide Re-Evaluation Division
Office of Pesticide Programs

ENCLOSURE: Stamped label

Bifenthrin	GROUP	3A	INSECTICIDE
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BIFENTHRIN 0.2%G NURSERY

INSECTICIDE

For Agricultural or Commercial Use Only

For outdoor use only

For Control of Imported Fire Ants and Balled in Containerized Nursery Stocks as a Quarantine Treatment

ACTIVE INGREDIENT:	By Wt.
Bifenthrin*.....	0.2%
INERT INGREDIENTS:	99.8%
TOTAL:	100.0%

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

KEEP OUT OF REACH OF CHILDREN

CAUTION

See other panels for additional precautionary information

EPA Reg. No. 70506-473

EPA Est. No.

NET CONTENTS:

Manufactured For:

UPL NA Inc.

PO Box 12219

Research Triangle Park, NC 27709

FIRST AID

IF ON SKIN OR CLOTHING:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor for treatment advice.

Note to Physician: This pesticide is a pyrethroid. If significant quantities have been swallowed, promptly eliminate the ingested quantities from the stomach and intestines. Treatment is symptomatic and supportive. Alcohol, milk, cream, and other digestible fats and oils should NOT be administered as they may increase absorption.

EMERGENCY TELEPHONE NUMBERS: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

FOR 24-HOUR EMERGENCY MEDICAL ASSISTANCE CALL ROCKY MOUNTAIN POISON AND DRUG SAFETY:
1-866-673-6671

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident call CHEMTREC 1-800-424-9300

ACCEPTED

12/02/2025

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 70506-473

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:

1. Long sleeved shirt and long pants
2. Waterproof gloves
3. 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.

USER SAFETY RECOMMENDATIONS

Users Should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. 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.

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters, or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rains does not blow or wash pesticide off the treatment area. Sweeping any product that lands on a driveway, sidewalk, or street, back onto the treated area of the lawn or garden will help to prevent run off to water bodies or drainage systems. 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.

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.

Apply this product directly to the garden area. Water treated area as directed on this label. Do not water to the point of run-off.

Do not make applications during rain.

For applications at rates above 0.34 lb. ai/A (170 lbs. product/A), users must water the treated area immediately after application.

Do not apply the product into fish pools, ponds, streams, or lakes. Do not apply directly to sewers or storm drains, or to any area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.

Do not allow the product to enter any drain during or after application.

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Do not apply or irrigate to the point of runoff.

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 to treated areas during the 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:

1. Coveralls.
2. Waterproof gloves.
3. Shoes plus socks.

RESISTANCE

For resistance management, BIFENTHRIN 0.2%G NURSERY contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to BIFENTHRIN 0.2%G NURSERY and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay insecticide resistance, take the following steps:

- Rotate the use of BIFENTHRIN 0.2%G NURSERY or other Group 3A insecticides within a growing season, or among growing seasons, with different groups that control the same pest.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they still may provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for that specific site and pest problems in your area.

For further information or to report suspected resistance, contact Arysta at 1-800-438-6071.

VEGETATIVE FILTER STRIPS

Construct and maintain a vegetative filter strip, according to the width specified below, of grass or other permanent vegetation between the field edge and nearby down gradient aquatic habitat (such as, but not limited to, lakes; reservoirs; rivers; streams; marshes or natural ponds; estuaries; and commercial fish farm ponds).

Only apply products containing (name of pyrethroid) onto fields where a maintained vegetative filter strip of at least 25 feet exists between the field edge and where a down gradient aquatic habitat exists. This minimum required width of 25 feet may be reduced or removed under the following conditions:

- For Western irrigated agriculture, a maintained vegetative filter strip of at least 10 feet wide is required. Western irrigated agriculture is defined as irrigated farmland in the following states: WA, OR, CA, ID, NV, UT, AZ, MT, WY, CO, NM, and TX (west of I-35).
 - For Western irrigated agriculture, if a sediment control basin is present, a vegetative filter strip is not required.

- In all other areas, a vegetative filter strip with a minimum width of 25 feet is required, unless the following conditions are met. The vegetative filter strip requirement may be reduced from 25 feet to 15 feet if at least one of the following applies:
 - The area of application is considered prime farmland (as defined in 7 CFR § 657.5).
 - Conservation tillage is being implemented on the area of application. Conservation tillage is defined as any system that leaves at least 30% of the soil surface covered by residue after planting. Conservation tillage practices can include mulch-till, no-till, or strip-till.
 - A functional terrace system is maintained on the area of application.
 - Water and sediment control basins for the area of application are functional and maintained.
 - The area of application is less than or equal to 10 acres.

For further guidance on vegetated filter strips, refer to the following publication for information on constructing and maintaining effective buffers: Conservation Buffers to Reduce Pesticide Losses. Natural Resources Conservation Services. <https://www.regulations.gov/document?D=EPA-HQ-OPP2008-0331-0175>

Buffer Zones – Ground Application

- Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, streams, marshes, ponds, estuaries, and commercial fish ponds).

USE RECOMMENDATIONS FOR ORNAMENTALS

For use by soil incorporation into potting media of containerized bushes, Christmas trees, conifers, flowers, nonbearing fruit and nut trees, ornamental trees, plants, and shrubs.

POTTING MEDIA APPLICATION INSTRUCTIONS: First, measure the dry weight of a unit volume of the mix to determine potting media bulk density. Then, completely mix the correct amount of BIFENTHRIN 0.2%G NURSERY insecticide, as necessary for the desired length of control, in equipment that will evenly distribute the product within the potting media. To ensure sufficient product mix distribution, a suitable quantity of sand (1:10) can be pre-mixed with BIFENTHRIN 0.2%G NURSERY.

BIFENTHRIN 0.2%G NURSERY insecticide is approved for use in connection with the USDA Imported Fire Ant Quarantine Program if the use complies with the USDA's guidelines. The following table provides recommended application rates based on the length of control required for certification.							
Insect	USDA IFA Certification Period (months)	BIFENTHRIN 0.2%G Nursery Application Rate (ppm)	Potting Media Bulk Density*				
			(Lbs. of BIFENTHRIN 0.2%G Nursery/ 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: Per cubic yard of potting media, use a suitable quantity of BIFENTHRIN 0.2%G NURSERY insecticide based on the known bulk density.							

GENERAL USE RECOMMENDATIONS FOR ORNAMENTAL PLANTS OUTSIDE OF USDA GUIDELINES

Use a 5 to 10 ppm application rate for Fungus Gnat larvae & Mealybugs. Use a 10 to 25 ppm application rate for Black Vine Weevil larvae, Imported Fire Ants, Root Weevil larvae, and White Grubs (i.e. European chafer larvae, Japanese Beetle, and oriental beetle). For longer residual control, the higher application rates should be used.

Insect	BIFENTHRIN 0.2%G Nursery Application Rate (ppm)	Potting Media Bulk Density*				
		(Lbs. of BIFENTHRIN 0.2%G Nursery/ 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: Per cubic yard of potting media, use a suitable quantity of BIFENTHRIN 0.2%G NURSERY insecticide based on the known bulk density.

*Lbs. BIFENTHRIN 0.2%G Nursery/Cubic Yard = $\frac{\text{potting media bulk density} \times \text{ppm}}{2000}$

Note: Bulk density is a laboratory determined dry weight amount of a unit volume of potting media.

Dealers Should Sell in Original Packages Only.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Keep this product out of reach of children and animals at all times. Store this product in a cool, dry place in its original container only. Do not expose the product to excessive heat. Open the product container carefully and, after use, replace the container lid by thoroughly tightening the screw cap. In the event of a spill, confine the spill, avoid contact with the spilled product and evacuate the area, keeping all unprotected persons and animals at a safe distance.

TO CONFINE SPILL: Cover to prevent dispersal. Place damaged package in a holding container. 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:

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Offer for recycling, if available, or 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 and Disclaimer Statement

The directions for use of this product are believed to be adequate and must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Such risks may arise from weather conditions, soil factors, off-target movement, unconventional farming techniques, the presence of other materials, the manner of use or application, or other unknown factors, all of which are beyond the control of UPL NA Inc., and can cause crop injury, injury to non-target crops or plants, ineffectiveness of the product, or other unintended consequences. All such risks shall be assumed by the user or buyer. UPL NA Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks described above, when used in accordance with the Directions for Use under normal conditions. This warranty does not extend to the use of this product contrary to label instructions or under conditions not reasonably foreseeable to UPL NA Inc. and is subject to the inherent risks described above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UPL NA INC. DISCLAIMS ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, UPL NA INC., MANUFACTURER, AND SELLER DISCLAIM AND SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE, HANDLING, APPLICATION, STORAGE, OR DISPOSAL OF THIS PRODUCT OR FOR DAMAGES IN THE NATURE OF PENALTIES, AND THE USER AND BUYER WAIVE ANY RIGHT THAT THEY MAY HAVE TO SUCH DAMAGES. NO AGENT, REPRESENTATIVE OR EMPLOYEE OF UPL NA INC. IS AUTHORIZED TO MAKE ANY WARRANTY, GUARANTEE OR REPRESENTATION BEYOND THOSE CONTAINED HEREIN OR TO MODIFY THE WARRANTIES CONTAINED HEREIN.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE TOTAL LIABILITY OF UPL NA INC., MANUFACTURER, AND SELLER, SHALL BE LIMITED TO THE PURCHASE PRICE PAID, OR AT UPL NA INC.'S ELECTION, THE REPLACEMENT OF THE PRODUCT.

Rev 10/31/2025