

70506-124

8/17/2010

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

August 17, 2010

Ms. Rebecca A. Clemmer
United Phosphorus, Inc.
630 Freedom Business Center, Suite 402
King of Prussia, PA 19406

Subject: Label Notification(s) for Pesticide Registration Notice 2008-1
Revising the Environmental Hazard Language
Per EPA letter dated June 4, 2009

Dear Ms. Clemmer:

The Agency is in receipt of your Application(s) for Pesticide Notification under
Pesticide Registration Notice (PRN) 2008-1 dated June 22, 2010 for the following product(s):

UP-Star GC Granular Insecticide
EPA Reg. No. 70506-74

Bifenthrin 0.069 RU Insecticide with X-X-X Fertilizer
EPA Reg. No. 70506-124

Bifenthrin 0.083 Insecticide with X-X-X Fertilizer
EPA Reg. No. 70506-125

Bifenthrin 0.073 Insecticide with X-X-X Fertilizer
EPA Reg. No. 70506-126

UP-Star One-G Granular Inseticide
EPA Reg. No. 70506-129

The Registration Division (RD) has conducted a review of this request for applicability under
PRN 2008-1 and finds that the label change(s) requested falls within the scope of PRN 98-10. The label
has been date-stamped "Notification" and will be placed in our records.

Please be reminded that 40 CFR Part 156.140(a)(4) requires that a batch code, lot number, or
other code identifying the batch of the pesticide distributed and sold be placed on nonrefillable
containers. The code may appear either on the label (and can be added by non-notification/PR Notice
98-10) or durably marked on the container itself.

If you have any questions, please contact Regina Foushee'-Smith at 703-605-0780.

Sincerely,

A handwritten signature in black ink, appearing to read "Richard J. Gebken". The signature is fluid and cursive, with a long horizontal stroke at the end.

Richard J. Gebken
Product Manager
Insecticide Branch
Registration Division (7505P)

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NOTIFICATION**AUG 17 2010****RESTRICTED USE PESTICIDE****Toxic to Fish and Aquatic Organisms****For retail sale to and use only by certified applicators, or persons under their supervision and only for those uses covered by the certified applicator's certification.****BIFENTHRIN 0.069 RU INSECTICIDE WITH X-X-X FERTILIZER**

For use to control ants (including imported fire ants), mole crickets and other listed pests on grass in landscaped areas around residential, institutional, public, commercial and industrial buildings, parks, recreational areas, golf courses, and athletic fields.

ACTIVE INGREDIENT

Bifenthrin*	0.069%
Other Ingredients	99.931%
	100.000%

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

KEEP OUT OF REACH OF CHILDREN**CAUTION**

See other panels for additional Precautionary Statements

GUARANTEED ANALYSIS XX-X-X

Total Nitrogen (N) -----Variable XX%
Variable XX% Ammonical Nitrogen
Variable XX% Water Soluble Nitrogen
Variable XX% Water Insoluble Nitrogen
Available Phosphate (P₂O₅) Variable XX%
Available Potash (K₂O) Variable XX%

Plant Nutrients derived from Diammonium Phosphate.
Urea formaldehyde, Urea, Sulfate of Ammonia,
Sulfur coated Urea, Sulfate of Potash, Magnesium,
Statement of Secondary Plant Nutrients.



United Phosphorus, Inc.
630 Freedom Business Center
King of Prussia, PA 19406
1-800-438-6071 • www.upi-usa.com

EPA Reg. No. 70506- 124
EPA Est. No.

Net Weight: 50 lbs.

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

Caution. Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Formatted: Font: 11 pt

Do not apply by air.

Figure 1 illustrates the steps of the bubble sort algorithm on the array [1, 2, 3, 4, 5, 6, 7, 8, 9, 10]. The diagrams show the progression of the algorithm, with elements being compared and swapped as needed. The final state of the array is shown in (k) and (l).

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GRASS AND PERIMETER APPLICATIONS (INCLUDING GOLF COURSES)

Perimeter Application: Apply 3.33 to 6.66 pounds per 1,000 sq. ft. to grass areas 6 to 10 feet wide around and adjacent to the structure.

Lawn Application: Apply Bifenthrin 0.069 RU with X-X-X Fertilizer with suitable broadcast application equipment to ensure uniform coverage over the treatment area. Apply 3.33 to 6.66 pounds per 1,000 sq. ft. to control the following insect pests:

PESTS CONTROLLED	COMMENTS
Annual Bluegrass Weevils (<i>Hyperodes</i>) (Adult) Armyworms Billbugs (Adult) Black Turfgrass <i>Ataenius</i> (Adult) Cutworms Leafhoppers Mealybugs Sod Webworms	
Ants Centipedes Chinch Bugs Fleas Millipedes Mole Crickets Ticks	Use the higher application rate for optimum control.
Imported Fire Ants	Use the higher application rate for optimum control; combine broadcast applications to control foraging workers and newly mated fly-in queens with mound treatments (using UP-Star Gold, EPA Reg. No. 70506-24, or other pesticides registered for treating individual fire ant mounds) to control existing colonies.

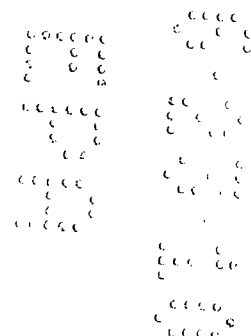
In New York State, this product may NOT be applied to any grass or turf area within 100 feet of a water body (lake, pond, river, stream, wetland, or drainage ditch).

In New York State, do make a single repeat application of Bifenthrin 0.069 RU with X-X-X Fertilizer if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

RECOMMENDED SPREADER SETTINGS

[Editor's Note: The list of application spreaders and their settings will follow on the final printed label. (This note will not appear on the final printed label.)]

IMPORTANT: Spreader settings are only suggested settings and depend on the age of the spreader, condition of spreader, and the speed at which the operator uses the spreader. Calibrate the spreader prior to each application to ensure accurate application rates.



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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 Spills: 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: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then 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.

**IMPORTANT INFORMATION
READ BEFORE USING PRODUCT****CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY**

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of United Phosphorus, Inc. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of United Phosphorus, Inc. and Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold United Phosphorus, Inc. and Seller harmless for any claims relating to such factors.

To the extent consistent with applicable law, United Phosphorus, 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 referred to above, when used in accordance with directions under normal use conditions. This warranty does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or United Phosphorus, Inc., and Buyer and User assume the risk of any such use. To the extent consistent with applicable law, UNITED PHOSPHORUS, INC. MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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