



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

July 17, 2023

Carrie M. Tackema
Sr. Regulatory Manager
Nufarm, Inc.
11901 S. Austin Ave.
Alsip, IL 60803

Subject: Registration Review Label Mitigation for Bifenthrin
Product Name: Bifenthrin 0.086% Plus Fertilizer
EPA Registration Number: 228-441
Application Date: 04-26-2021
Decision Number: 573424

Dear Carrie Tackema:

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.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. 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.

Page 2 of 2
EPA Reg. No. 228-441
Decision No. 573420

If you have any questions about this letter, please contact Samantha Thomas by phone at 202-566-2368, or via email at thomas.samantha@epa.gov.

Sincerely,

A handwritten signature in blue ink that reads "Cathryn Britton".

Cathryn Britton, Chief
Risk Management and Implementation Branch 5
Pesticide Re-Evaluation Division
Office of Pesticide Programs

Enclosure

BIFENTHRIN 0.086% PLUS FERTILIZER

| | | |
|---------------------------------|---------------------|----------------|
| ACTIVE INGREDIENT: | | |
| Bifenthrin* | | 0.086% |
| OTHER INGREDIENTS: | | <u>99.914%</u> |
| | TOTAL: | 100.000% |

*Cis isomers 97% minimum, trans isomers 3% maximum.
CAS 82657-04-3

REFER TO FERTILIZER TAG FOR ANALYSIS

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SEE SIDE PANELS FOR FIRST AID AND ADDITIONAL PRECAUTIONARY STATEMENTS

For Chemical Spill, Leak, Fire, or Exposure, Call CHEMTREC (800) 424-9300
For Medical Emergencies Only, Call (877) 325-1840

EPA REG. NO. 228-441
EPA EST. NO.

MANUFACTURED [BY] FOR
NUFARM AMERICAS INC.
11901 S. Austin Ave.
Alsip, IL 60803



NET CONTENTS LBS.

000228-00441.20230503

ACCEPTED

07/17/2023

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 228-441

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

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

| FIRST AID | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| IF ON SKIN OR CLOTHING | <ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. |
| HOT LINE NUMBER | |
| <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-877-325-1840 for emergency medical treatment information.</p> | |
| NOTE TO PHYSICIAN | |
| <p>This product is a pyrethroid. If large amounts have been ingested, milk, cream and other digestible fats and oils may increase absorption and so should be avoided.</p> | |

ENVIRONMENTAL HAZARDS

This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

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 turf being grown for sale or other commercial use as sod, or for commercial seed production or for research purposes. Granular product for outdoor use only.

Apply product to the entire lawn when insect activity or damage is first observed. Spread uniformly over your lawn using the suggested spreader settings. Apply to a dry lawn. Water in product after application. Do not use any other weed, disease or insect control products for at least one week after application.

For application at rates above 0.34 lb. bifenthrin/Acre (170 lbs. of this product), users must water the treated area immediately after application. Spot treatments must not exceed two square feet in size (2 ft. by 1 ft. or 4 ft. by 0.5 ft.).

For soil or foliar applications, **DO NOT** apply by ground within 25 feet of lakes, reservoirs, rivers, permanent streams, marshes or natural ponds, estuaries and commercial fish farm ponds.

DO NOT apply the product into fish pools, ponds, streams, or lakes. **DO NOT** apply directly to sewers or storm drains, or to any areal like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. **DO NOT** apply the product to enter any drain during or after application. **DO NOT** apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios except as a spot or crack-and-crevice treatment. **DO NOT** apply or irrigate to the point of runoff. **DO NOT** make applications during rain. Avoid making applications when rainfall is expected before the product has sufficient time to dry (minimum 4 hours). Rainfall within 24 hours after application may cause unintended runoff of pesticide application.

DO NOT apply when the wind speed is greater than 15 mph.

In New York State, this product may **NOT** be applied to any grass or turf area (lawns) 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 this product if there are signs of renewed insect activity but not sooner than two weeks after first application.

PESTS CONTROLLED

This product controls (or kills) these lawn pests:

- | | | |
|----------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------------------------|
| Ants (black turf, carpenter, red harvester, odorous pyramid, argentine, and pharaoh (sugar)) | Cutworms (including black cutworms) | Sod webworms (lawn moth) |
| Armyworms (including fall armyworms) | Earwigs | Spiders (including brown recluse spiders) |
| Billbugs (including Bluegrass billbugs) | European Crane Fly | Ticks (including ticks that may transmit Lyme Disease) |
| Black Turfgrass Ataenius | Fleas (including cat fleas) | Weevils (including annual bluegrass weevils) |
| Chiggers | Grasshoppers | |
| Chinch Bugs | Leafhoppers | |
| Crickets | Mealybugs | |
| | Mole Crickets (including tawny mole crickets) | |

RECOMMENDED SPREADER SETTINGS

Following will be a list of application spreaders and approximate settings. This list will vary depending on market or spreader. This note will not appear on final printed label.

These spreader settings were established using standard equipment available from the spreader manufacturer at swath widths and speeds typically used within the industry. It is recommended that all spreader equipment be calibrated at the time of application to achieve the desired application rate.

INSECT RESISTANCE MANAGEMENT

For resistance management, this product contains bifenthrin, a Group 3A pyrethroid insecticide. Repeated and exclusive use of this product or other Group 3A insecticides may lead to the buildup of resistant strains of insects in some crops.

Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, this product may be used as part of a resistance management strategy established for the use area. These strategies may include incorporation of cultural and biological control practices, alternation of mode-of-action classes of insecticides on succeeding generations and targeting the most susceptible life stage. Consult your local or state agricultural authorities for details.

Unless directed otherwise in the specific crop/pest sections of this label, the best practices are to follow these instructions to delay the development of insecticide resistance:

- Avoid using the same mode of action (IRAC group number) on consecutive generations of insect pests.
- Apply this product using a “treatment window” approach to avoid exposure of successive insect pest generations to the same mode of action.
- A “treatment window” is defined as the period of residual activity provided by single or sequential applications of products with the same mode of action. This “treatment window” should not exceed approximately the length of one generation of the target pest.
- Within the “treatment window”, make no more than 2 applications of this product or other product that contains a Group 3A insecticide within a single generation of the target pest on a crop or within a 30-day period to the same insect species on a crop.
- Following a “treatment window”, rotate to a treatment window of effective products with a different mode of action. This window should approximate the duration of one generation of the target pest.
- Target the most susceptible insect life stages, whenever possible.
- Do not use less than the labeled rates of this product when applied alone or in tank mixtures.
- Monitor insect populations for product effectiveness.

If resistance to this product develops in your area, this product or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local Nufarm representative or agricultural advisor for the best alternate method of control for your area. For additional information on insect resistance monitoring, visit the Insecticide Resistance Action Committee (IRAC) on the web at <http://www.irc-online.org>.

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, well ventilated place and avoid excess heat. For bags after partial use, reseal opened bag by folding top down and securing.

CONTAINER DISPOSAL: Do not reuse empty bag. Discard bag in trash.

PESTICIDE DISPOSAL: Do not pour or dispose down-the-drain or sewer. Call your local solid waste agency for local disposal options.

Information regarding the contents and levels of metals in this product is available on the internet at:

<http://www.wa.gov/agr>

<http://www.aapfco.org/metals>

<http://www.regulatory-info-xx.com>

WARRANTY

Seller warrants that this insecticide conforms to the chemical description on its label. When used in accordance with label directions under normal conditions, this insecticide is reasonably fit to its intended purposes. Since timing, method of application, weather, plant and soil conditions, mixtures with other chemicals, and factors affecting the use of this product are beyond our control, no warranty is given concerning the use of this product contrary to label directions or under conditions which are abnormal or not reasonably foreseeable. The user assumes all risks of any such use.

(RV[mmdyy])

OPTIONAL MRKETING TEXT FOR BIFENTHRIN 0.086% PLUS FERTILIZER

- Treats and Feeds 5,000 Square Feet (13.35 lb or 6.05 kg bag)
- Available only at authorized Scotts® Lawn Pro® Retailers
- Controls Many Lawn Insect Problems
- For Best Results, Apply a Scotts Annual Program
- For Best Results, Apply a Scotts Annual Lawn Care Program
- For Best Results, Apply a Scotts Annual Lawn Care Program and allow two months between applications.
- Thicker, Greener Turf
- Satisfaction Guaranteed
- For grub control, apply Scotts GrubEx season-long grub control between late April and mid-August
- Builds Thick, Green Lawns
- Builds thick, green turf from the roots up without burning your lawn
- Kills insects that cause your lawn to thin and turn brown
- Kills surface insects that cause your lawn to thin and turn brown
- Heat-friendly formula won't burn your lawn – GUARANTEED!
- Kills insects
- Corrects many lawn insect problems
- Corrects most lawn insect problems (for grub control, use Scotts GrubEx®)
- All-in-One Particles™ provide even insect control and feeding!
- All-in-One Particles deep feed and protect every square inch of your lawn
- Apply in Summer: June – August
- Scotts Best Annual Program for a Picture Perfect Lawn
- Specially formulated with Scotts Poly S timed-release fertilizer, used by Landscape Professionals
- Controls chinch bugs, sod webworms (lawn moths), fleas, ticks (including ticks that may transmit Lyme Disease) and other lawn pests listed on the back.
- Contains both readily available nitrogen for quick green-up and controlled release nitrogen for uniform growth and extended feeding.
- NEW! Summer Formula*
- New! Formula with MicroMax Micronutrients*
- MicroMax Micronutrients help strengthen lawn against heat, drought, and wear and tear
- More greening power than Turf Builder with SummerGuard
- Summer Application
- Feeds your lawn and controls ants, fleas and many lawn damaging insects
- (A 13.35 lb bag) Treats and Feeds 5,000 square feet
- (A 13.35 lb bag) This package should cover 5,000 square feet (for example 50 feet x 100 feet)
- (A 40.05 lb bag) Treats and Feeds 15,000 square feet
- (A 40.45 lb bag) Treats and Feeds 15,150 square feet
- For best results use a Scotts spreader.
- Dedicated to a Beautiful World – Trusted by generations of homeowners, Scotts is dedicated to helping you enhance and protect the natural beauty of your home environment.
- Scotts – the Lawn people – Marysville, Ohio 43041
- US Patent Information and Number
- Product of the USA

* Per EPA approval letter, the claim "New" can only be used on labeling produced within six months from the Notice of Registration date.

- Scotts No-Quibble Guarantee
If for any reason you are not satisfied with results after using this product, you are entitled to get your money back. Simply send us evidence of purchase, and we will mail you a refund check promptly.
If for any reason, you, the consumer, are not satisfied after using this product, you are entitled to get your money back. Simply send us evidence of purchase, and we will mail you a refund check promptly.
- This product is a high performance product specially designed to be used in very low concentrations and is:
 - o Virtually odor free
 - o Fast acting
 - o Easy-to-use
 - o Broad Spectrum
 - o Kills Insects, Spiders and Ticks
- The Scotts Advantage: All-in-One Particles
All-in-One Particles contain plant nutrients and Scotts exclusive insect control ingredient. Scotts provides consistent feeding and insect control to every square inch of turf for a thick, green lawn. Guaranteed!
All-in-One Particles contain nutrients and Scotts exclusive insect control ingredient for a thick, green lawn – guaranteed!
All-in-One = nitrogen, phosphorous, potassium and the insect control ingredient contained in every particle.
- Scotts Value Priced Annual Program*

To improve your lawn, apply the Scotts Lawn Pro® Value-Priced Annual Program. Start anytime, just check the month and apply products at two month intervals.

Early spring
February – April

Prevents crabgrass and other weeds while feeding your lawn. (In the Pacific Northwest substitute Turf Builder® with Moss Control. For St. Augustinegrass, substitute Super Bonus® S. For dormant bermudagrass substitute Halts®.)

Late spring
April – June

Kills dandelions and other broadleaf weeds while feeding your lawn. (For St. Augustinegrass substitute Super Turf Builder®.)

Summer
June – August

Kills lawn damaging insects, fleas and ticks while feeding your lawn. For grub control, apply Scotts® GrubEx® anytime from April to mid-August.

Early fall
August – November

The best time to feed for a greener, thicker lawn.

Late fall
September – November

4-6 weeks after Early Fall Lawn Fertilizer feeding. Apply as last feeding in fall to help prepare your lawn for winter.

For an even better lawn, consider Scotts Best Annual Program which provides more feeding and weed control. Your Lawn Pro retailer can help you with the selection.

- Scotts Turf Builder with SummerGuard

The Scotts Advantage: All-in-One Particles deep feed and protect every square inch of your lawn. Harsh summer elements such as heat and drought can make your lawn thin, brown, and weak, leaving it vulnerable to insect attacks. When used with a regular watering program, Turf Builder with SummerGuard strengthens and protects your lawn against these warm weather problems. Its unique summer formula deep feeds your turf so that it can grow thicker and greener in hot weather, while at the same time controlling both nuisance and lawn-damaging insects. Plus, every particle in Turf Builder with SummerGuard contains both fertilizer and insect control – giving every square inch of your lawn the nourishment and protection it needs.

Before/After Photo

Heat drought and insect damage, as seen in the photo can be controlled by using Turf Builder with SummerGuard.

- Scotts Lawn Pro Annual Program.

Now it's easy for you to have a better lawn!

Start Anytime. You can begin the Annual Program anytime of the year. Just check the month and select the appropriate STEP listed.

Apply the remaining STEPs at two-month intervals.

Simple and Easy. No more guesswork! You simply apply the right product – one STEP at a time.

Guaranteed Results. Each STEP is designed for the specific season to help give you a greener lawn.

(Illustration of the 4-STEP products listed below)

STEP 1, Early Spring, February – April

Crabgrass Preventer plus Fertilizer – prevents crabgrass, foxtail, spurge, oxalis, chickweed and other annual grassy weeds, while providing deep, thick greening for up to 2 months. In the Pacific Northwest, STEP 1 is Turf Builder with Moss Control. For St. Augustinegrass, STEP 1 is Super Bonus S.

STEP 2, Late Spring, April – June

Weed Control Plus Fertilizer – controls dandelion, clover, chickweed and other broadleaf weeds while greening your lawn for up to 2 months. For St. Augustinegrass, STEP 2 is Super Turf Builder.

STEP 3, summer, June – August

Insect Control with Fertilizer – controls chinch bugs, sod webworms (lawn moths) and other lawn insects while greening your lawn through the summer. For grub control, apply Scotts GrubEx anytime from late April to mid-August.

STEP 4, fall, August – November

Lawn Fertilizer – specially formulated for the fall – the best time to develop a stronger root system for a more vigorous, thicker lawn.

Additional Super Winterizing Feeding, Super Winterizing, Late Fall, September – November

Apply 4 to 6 weeks after the Early Fall application. This last feeding in fall will help prepare your lawn for winter and will help your lawn green-up quicker next spring.

[Optional text: 4 to 6 weeks after early fall lawn fertilizer feeding. Apply as last feeding in fall to help prepare your lawn for winter.]

- Scotts Lawn Pro Annual Program.

Now it's easy for you to have a better lawn! Start anytime. You can begin the Annual Program anytime of the year. Just check the month and select the appropriate STEP listed. Apply the remaining STEPs at two-month intervals.

Simple and Easy. No more guesswork! You simply apply the right product – one STEP at a time.

Guaranteed Results. Each STEP is designed for the specific season to help give you a greener lawn.

(Illustration of the “Super” products listed below)

Super Turf Builder with Halts Crabgrass

Preventer Early spring, February – April

Crabgrass Preventer plus Fertilizer – prevents crabgrass, foxtail, spurge, oxalis, chickweed, and other annual grassy weeds while providing deep, thick greening for up to 2 months. In the Pacific Northwest, STEP 1 is TurfBuilder with Moss Control. For St. Augustinegrass, STEP 1 is Super Bonus.

Super Turf Builder with Plus 2 Weed

Control Late spring, April – June

Weed Control Plus Fertilizer – controls dandelion, clover, chickweed and other broadleaf weeds while greening your lawn for up to 2 months. For St. Augustinegrass, STEP 2 is Super Turf Builder.

Super Turf Builder with Insect

Control Summer, June – August

Insect Control with Fertilizer – controls chinch bugs, sod webworms (lawn moths) and other lawn insects while greening your lawn through the summer. For grub control, apply Scotts GrubEx anytime from late-April to mid-August.

Super Turf Builder

Fall, August – November

Lawn Fertilizer – specially formulated for the fall – the best time to develop a stronger root system for a more vigorous, thicker lawn.

Super Winterizer

Late Fall, September – November

Apply 4 to 6 weeks after the Early Fall application. This last feeding in fall will help prepare your lawn for winter and will help your lawn green-up quicker next spring.

OTHER OPTIONAL LANGUAGE/ICONS

- Icon of human and dog (in precautionary statement)
- Icon of trash can (in storage and disposal statement)
- First Aid icon (by first aid section)
- Phone icon (by emergency or informational phone numbers)
- Computer icon (by website)
- Call Scotts toll-free
- Lawn Success Made Easy™
- Visit Website at www.xxxxxx
- Your Do-It-Yourself Lawn Care Headquarters
- Photo of Lawn
- Photo of Insects
- Photo of Grass
- Scotts Lawn Pro Retailers can provide you with the do-it-yourself expertise and products to have a beautiful Scotts lawn simply and easily...f or less money than hiring a lawn care service. That's why we call them Lawn Pros!
- For additional questions, comments and information, contact the Scotts Lawn Pro retailer where you bought this product or you can contact Scotts directly!
- Lawn Pro® Available only at Authorized Scotts Lawn Pro® Retailers
- Annual Scotts Best Program (icon of seal)
- Step 3™ of 4 Easy Steps to a Better Lawn
- Lawn Pro®
- Turf Builder® with SummerGuard™
- Super Turf Builder® with SummerGuard™
- Photo/Illustration of: ants, chinch bug, fleas, sod webworm, ticks, lawn moth
- Before/After Treatment photos
- Photo/Illustration of Scissors
- Watering in Icon

OPTIONAL PRODUCT DESCRIPTORS

- Summer Lawn Fertilizer and Insect Control
- Summerizer® Fertilizer and Insect Control
- Insect Protection and Summer Fertilizer
- Insect Protection and Fertilization
- Insect Control with Fertilizer
- Insect Control with Lawn Fertilizer
- Insect Control plus Lawn Fertilizer