



OFFICE OF CHEMICAL SAFETY AND POLLUTION PREVENTION

WASHINGTON, D.C. 20460

April 24, 2025

Catherine Rice
Country Manager US -- GSS Portfolio
Environmental Science US, LLC
5000 CentreGreen Way, Suite 400
Cary, NC 27513

Subject: Label Amendment - Registration Review Mitigation for Bifenthrin
Product Name: Talstar Fire Ant-X Fire Ant Killer
EPA Registration Number: 101563-256
Application Date: March 24, 2021
Decision Number: 596881

Dear Catherine Rice,

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 Registration Review 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 Samantha Thomas by phone at 202-566-2368, or via email at thomas.samantha@epa.gov.

Sincerely,

A handwritten signature in blue ink, appearing to read "Cathryn Britton".

Cathryn Britton
Chief, Risk Management and Implementation
Branch V
Pesticide Re-evaluation Division (7508M)
Office of Pesticide Programs

ENCLOSURE: Stamped label

TALSTAR® Fire Ant-X Fire Ant Killer

[front]

[scissors / zipper]

DO NOT CUT BELOW DOTTED LINE

For outdoor residential lawn use only

TALSTAR® Fire Ant-X Fire Ant Killer

{Note to PM: OPTIONAL FRONT PANEL CLAIMS}

Kills Mounds and The Queen
Kills foraging Fire Ants
Ready-To-Use
Easy and quick to apply
Kills [fly-in] Queens
Kills Fire Ants and other Listed Insects
Quick/Immediate release granules and deep penetrating formula
Prevents [protects against] fire ants for an entire season
One application provides season long control

{NOTE TO PM: FRONT PANEL CONT.}

Active Ingredient

Bifenthrin*0.200%

Other Ingredients99.800%

Total 100%

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

KEEP OUT OF REACH OF CHILDREN CAUTION

See back panel for additional precautionary statements.

[bottom]

TALSTAR Fire Ant-X Fire Ant Killer

[FIRE ANT Illustration]

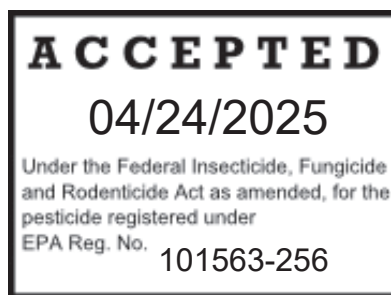
DO NOT CUT BELOW DOTTED LINE

[NOTE TO PM: DIRECTIONS FOR USE – OPTION 1]

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

- Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not irrigate to the point of run-off.
- Do not allow to enter indoor or outdoor drains. *No permita la entrada a desagües internos o externos. {Note to Reviewer: Only of the following two logos will be used}.*





- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios.
- Do not make applications during rain.
- Applications are limited to residential lawns and ant mound treatments only.
- 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 area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- 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 TALSTAR Fire Ant-X Fire Ant Killer if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

PRODUCT FACTS	
KILLS INSECTS	Fire Ants
WHERE TO USE	On residential lawns
AMOUNT TO USE	Broadcast Treatment: Apply uniformly over your lawn using the suggested spreader settings. {Note to Reviewer: rate is equivalent to 0.2 lbs a.i./A} Mound Treatment: Apply ½ cup per mound
COVERAGE	Treats up to 5,000 square feet.
PEOPLE AND PETS	People and pests may enter treated areas after granules have been watered and treated area is dried.

[Mound Treatment]

FOR BEST RESULTS	
APPLY PRODUCT <i>[optional illustration]</i>	Apply 1/2 cup of TALSTAR Fire Ant-X Fire Ant Killer over each fire ant mound. A 4 ft. diameter circle around the mound should also be treated.
WATER <i>[optional illustration / watering can]</i>	If the soil is not moist, then it is important to irrigate before application. After applying the product, drench the mounds with 1 to 2 gallons of water.
WHEN TO APPLY <i>[optional illustration]</i>	<ul style="list-style-type: none"> • Apply when temperatures are between 65° and 80°F. • For best results, apply during morning or late evening when it is cool and the ants are most active. • For extended fire ant control and prevention, apply ORTHO® Fire Ant Killer in spring and late summer. • This treatment will kill the queen within 24 hours of application.

IMPORTANT

Food utensils such as teaspoons and measuring cups must not be used for food purposes after use with pesticides

[Broadcast Treatment]

Apply uniformly over your lawn using the suggested spreader settings. Water lawn after application to

wash granules from the lawn foliage. For best results, apply during the morning or late evening when it is cool and the ants are most active. Don't treat just the infested areas of the lawn where mounds are visible. Treat the entire lawn area to control reinfestation of fire ants from neighboring areas. Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments that will kill existing colonies. If the soil is not moist, then it is important to irrigate before application.

[NOTE TO PM: END OF OPTION 1]

[NOTE TO PM: DIRECTIONS FOR USE – OPTION 2]

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

- Apply this product directly to the lawn or garden area. Water treated area as directed on this label. Do not irrigate to the point of run-off.
- Do not allow to enter indoor or outdoor drains. *No permita la entrada a desagües internos o externos {Note to Reviewer: Only of the following two logos will be used}.*



- Do not apply directly to impervious horizontal surfaces such as sidewalks, driveways, and patios.
- Do not make applications during rain.
- Applications are limited to residential lawns and ant mound treatments only.
- 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 area like a drain or gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur.
- 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 TALSTAR Fire Ant-X Fire Ant Killer if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

PRODUCT FACTS	
KILLS INSECTS	Fire Ants
WHERE TO USE	On residential lawns
AMOUNT TO USE	Broadcast Treatment: Apply uniformly over your lawn using the suggested spreader settings. {Note to Reviewer: rate is equivalent to 0.2 lbs a.i./A} Mound Treatment: Apply ½ cup per mound
COVERAGE	Treats up to 5,000 square feet.
PEOPLE AND PETS	People and pests may enter treated areas after granules have been watered and treated area is dried.

For Best Results

Broadcast Treatment	Apply uniformly over your lawn using the suggested spreader settings. Water lawn after application to wash granules from the lawn foliage. If the soil is not moist, then it is important to irrigate before application. {Note to Reviewer: rate is equivalent to 0.2 lbs a.i./A}
Mound Treatment	Apply 1/2 cup of TALSTAR Fire Ant-X Fire Ant Killer over each fire ant mound. A 4 ft. diameter circle around the mound should also be treated. If the soil is not

	moist, then it is important to irrigate before application. After applying the product, drench the mounds with 1 to 2 gallons of water.
Helpful Hints	<ul style="list-style-type: none"> • For best results, apply during morning or late evening when it is cool and the ants are most active. • Don't treat just the infested areas of the lawn where mounds are visible. Treat the entire lawn area to prevent reinfestation of the fire ants from neighboring areas • Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments that will kill existing colonies. • For best results, Apply when temperatures are between 65° and 80°F. • [Optional] For extended fire ant control, apply TALSTAR Fire Ant-X Fire Ant Killer in spring and late summer.
Important	<ul style="list-style-type: none"> • Food utensils such as teaspoons and measuring cups must not be used for food purposes after use with pesticides

[Spreading Tips
For best results

Spreader	Spreader Settings – Covers 5,000 sq. ft.	Directions
Drop Spreaders	X	Mow lawn first if grass is tall enough to touch the bottom of the spreader. First apply two header strips. Operate spreader the longest way of the lawn. Overlap wheel marks to ensure uniform coverage. Shut off spreader when you have reached the header strips or stopped.
EasyGreen® Rotary	X	Slide shut-off lever to the right; application automatically starts and stops when you do. For complete coverage make each pass about 30 inches from the previous one so some overlapping occurs.
SpeedyGreen® Rotary	X	Shut off spreader anytime you stop. For complete coverage make each pass about five feet from the previous one, so some overlapping occurs. Avoid applying this product on vegetables.

Additional Spreader Settings

EZ Drop, Republic (#530)----- (X)
EZ Broadcast, Republic (#540)----- (X)
SCOTTS® HANDYGREEN® II----- (X)
SCOTTS® Easy™ Hand Held Spreader----- (X)
ORTHO® Whirlybird® Multipurpose Spreader----- (X)

Spreader settings are approximate. You may need to adjust for proper coverage.

[Illustrations: spreading patterns]

[TALSTAR Fire Ant-X Fire Ant Killer kills the following types of ants:

Fire Ants
Argentine
Odorous
Pyramid
Pavement
Red Harvester]

[Re-entry icon] People and pets may enter treated area after granules have been watered and treated

area has dried.

STORAGE AND DISPOSAL *[trash can icon]*

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

STORAGE: Store in original bags/containers only. Store in a cool, dry place and avoid excess heat. Carefully open bags/containers. After partial use close tightly. Do not contaminate water, food or feed by storage or disposal.

DISPOSAL: **If empty:** Do not reuse this bag/container. Place in trash or offer for recycling if available. **If partly filled:** Do not pour or dispose down-the drain or sewer. Call your local solid waste agency for disposal options.

PRECAUTIONARY STATEMENTS *[icon]*

HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing. Wash 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.

ENVIRONMENTAL HAZARDS: This product 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 rain 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.

[BACK/SIDE LABEL PANEL]

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 15-20 minutes.• Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact the Environmental Science U.S., LLC Emergency Response Telephone No. 1-800-424-9300 for Emergency Assistance.	
NOTE TO PHYSICIAN	
This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided.	

[phone icon]

Emergency Assistance Call: 1-800-225-2883.

NOTICE: Buyer assumes all risks of use, storage or handling of this product not in accordance with directions.

PRODUCED FOR

Environmental Science U.S., LLC
5000 CentreGreen Way, Suite 400
Cary, NC 27513

EPA Reg. No. 101563-256
EPA Est.

Owned or Licensed U.S. Patents for this product can be found at <https://patent.envu.com>

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