



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460**

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

September 27, 2023

Catherine Rice
Product Registration Manager
FMC Corporation
2929 Walnut Street
Philadelphia, PA 19104

Subject: Notification per PRN 98-10 – Add optional marketing language
Product Name: TALSTAR 0.115 GURR GRANULAR WITH XX-X-XX FERTILIZER
EPA Registration Number: 279-3234
Application Date: May 23, 2023, May 25, 2023
Decision Number: 594017, 593166

Dear Catherine Rice:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “NOTIFICATION” and placed in our records.

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 (FIFRA) 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) lists 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.

If you have any questions, please contact Elizabeth Andrews at 202-566-2467 or at Andrews.Elizabeth@epa.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Kara Welch".

For

Kara Welch, Acting Product Manager 03
Invertebrate & Vertebrate Branch 1
Registration Division (7505T)
Office of Pesticide Programs

NOTIFICATION

279-3234

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

GROUP 3 INSECTICIDES

09/27/2023

Talstar

**0.115 GURR Granular
with XX-X-XX Fertilizer**

For use by individuals/firms licensed or registered by the State to apply pesticide products. States may have more restrictive requirements regarding qualifications of persons using this product. Consult the Pest Control Regulatory Agency of your State prior to use of the product. For use to control Ants (Including Imported Fire Ants), Mole Crickets and other Insect pests on lawns.

EPA Reg. No. 279-3234

EPA Est. 279-

Active Ingredient:	By Wt.
Bifenthrin:*	0.115%
Inert Ingredients	99.885%
	100.000%

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

[Contains LESCO® Poly Plus® Polymer Coated Urea to provide uniform growth with extended nitrogen feeding.]

KEEP OUT OF REACH OF CHILDREN CAUTION

See other panels for additional precautionary information.

Guaranteed Analysis XX-X-XX

Total Nitrogen (N).....XX.XX%

X.XX% Ammoniacal Nitrogen

XX.XX% Urea Nitrogen*

Available Phosphate (P₂O₅).....XX.XX%

Soluble Potash (K₂O).....XX.XX%

Sulfur (S) Total.....XX.XX%

X.XX% Free Sulfur (S)

X.XX% Combined Sulfur (S)

Iron (Fe) Total.....X.XX%

X.XX% Soluble Iron (Fe)

Manganese (Mn) Total.....X.XX%

X.XX% Water Soluble Manganese (Mn)

Derived From: Poly Coated Sulfur Coated Urea,

Ammonium Phosphate, Sulfate of Potash, Iron Sulfate,

Manganese Sulfate

Chlorine (Cl) Max.....X.XX%

* xx.xx % Slowly Available Urea Nitrogen from

Polymer Coated Sulfur Coated Urea.

FLORIDA APPLICATIONS: For use on golf courses and athletic turf in FL, we recommend you follow SL191, "Recommendations for N, P, K and Mg for Golf Course and Athletic Field Fertilization Base on Mehlich I Extractant.", available on the internet at <http://edis.ifas.ufl.edu/SS404>.

FLORIDA APPLICATIONS: For commercial application to urban turf or lawns in FL, we recommend you follow the Best Management Practices for Protection of Water Resources in Florida, June 2002, Florida Green Industries, available on the internet at

http://www.dep.state.fl.us/central/Home/MeetingsTrainings/FLGreen/BMP_Book_final.pdf



FMC Corporation

2929 Walnut Street Philadelphia, PA 19104

Net Weight:

[50 lbs. Covers from 10,500 to 21,000 SQ.FT.]

[XX lbs. Covers from X,XXX to XXXX SQ.FT.]

[XX lb. Covers from XXXX to XXXX CU. YD.]

FIRST AID	
If on Skin or Clothing	<ul style="list-style-type: none"> Take off contaminated clothing. Rinse skin immediately with plenty of water of 15-20 minutes Call a poison control center or doctor for treatment advice
If Swallowed	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow Do not induce vomiting unless told to do so by a poison control center or doctor.
If In Eyes	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after first five minutes, then continue rinsing eyes. Call a poison control center 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 1-(800)-331-3148 for Emergency Assistance.	
NOTE TO PHYSICIAN	
This product is a pyrethroid. If large amounts have been ingested, milk, cream or other digestible fats and oils may increase absorption and so should be avoided.	
For Information Regarding the Use of this Product Call 1-800-321-1FMC (1362)	

PRECAUTIONARY STATEMENTS

Hazards to Humans (and Domestic Animals)

CAUTION

Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or 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 when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. 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.

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 golf courses, sod farms, or grass being grown for sale or other commercial seed production or for research purposes.

Do not apply more than 348 pounds of Talstar 0.115 GURR Granular Insecticide with XX-X-XX Fertilizer per acre per year (0.4 lb ai/acre per year). For residential applications, do not apply more than 174 pounds of product per acre per year (0.2 lb ai/acre per year).

Apply this product directly to the lawn or 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.

[Check with your local Cooperative Extension Agent to obtain specific information on local turf best management practices. Check with your county or city government to determine if there are local regulations for fertilizer use.]

Resistance: Some insects are known to develop resistance to products used repeatedly for control. Because the development of resistance cannot be predicted, the use of this product should conform to resistance management strategies established for the use area. Consult your local or state pest management authorities for details. 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 suspect that resistance is a reasonable cause, immediately consult your local company representative or pest management advisor for the best alternative method of control for your area.

LAWN AND PERIMETER APPLICATIONS

Perimeter Application: Apply to ground area 6 to 10 feet wide around and adjacent to the structure using an application rate 2.0 to 4.0 lbs per 1,000 ft².

Lawn Application: Broadcast Talstar® 0.115 GURR Granular Insecticide with XX-X-XX Fertilizer with suitable application equipment to ensure uniform coverage over the treatment area. Apply 2.0 to 4.0 lbs per 1,000 ft² to control the following pests:

Annual Bluegrass Weevils (Hyperodes) Ants₃ Armyworms Billbugs (Adults) Black Turfgrass Ataenius (Adults) Centipedes₃ Chinch Bugs₃ Cutworms	Deer Ticks₁ Fleas₃ Imported Fire Ants_{2,3} Leafhoppers Mealybugs Millipedes₃ Mole Crickets₃ Sod Webworms Ticks₃
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Comments:

¹Deer ticks (*Ixodes sp.*) have a complicated life cycle that ranges over a two year period and involves four life stages. Applications should be made in mid to late spring to control larvae and nymphs that reside in the soil and leaf litter.

²Imported Fire ants: Control will be optimized by combining broadcast applications that will control foraging workers and newly mated fly-in queens with mound treatments (using Talstar Professional Insecticide) that will eliminate existing colonies.

³The higher application rate may be required to control Ants, Centipedes, Fleas, Imported Fire Ants, Millipedes, Mole Crickets & Ticks (including Deer Ticks).

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® 0.115 GURR Granular Insecticide with XX-X-XX Fertilizer if there are signs of renewed insect activity, but not sooner than two weeks after the first application.

ORNAMENTAL USE

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

HERB USE

For soil incorporation into potting media used in containerized plantings of the following herbs: Angelica; balm; basil; borage; burnet; camomile; catnip; chervil; chive; chive, chinese; clary; coriander (leaf); costmary; culantro (leaf); curry (leaf); dillweed; horehound; hyssop; lavender; lemongrass; lovage (leaf); marigold; marloram; nasturtium; parsley; pennyroyal; rosemary; rue; sage; savory, summer and winter; sweet bay;

tansy; tarragon; thyme; wintergreen; woodruff; and wormwood. Minimum preshipment interval is 70 days for herbs listed above.

Application Instructions for Potting Media

Determine bulk density of the potting media by measuring the dry weight of a unit volume of the mix. Based on the length of control required, thoroughly mix the appropriate quantity of the Talstar® 0.115 GURR Granular Insecticide with XX-X-XX Fertilizer with equipment suitable to give uniform distribution in the potting media. Talstar® 0.115 GURR Granular Insecticide with XX-X-XX Fertilizer may be pre-mixed with an appropriate amount of sand (1:10) to ensure adequate distribution of the product of the mix.

Talstar® 0.115 GURR Granular Insecticide with XX-X-XX Fertilizer is approved under the USDA Plant Protection Imported Fire Ant Quarantine Certification program when used in accordance with USDA guidelines. Use the recommended application rates given in the table below to determine the length of control required for certification.

Pest	USDA IFA Certification Period (mo)	App Rate (ppm)	Potting Media Bulk Density* (lb. Talstar Per Cubic Yard)				
			200	300	400	500	600
Imported Fire Ant	0-6	10	1.7	2.6	3.5	4.3	5.2
	7-12	12	2.1	3.1	4.2	5.2	6.3
	13-24	15	2.6	3.9	5.2	6.5	7.8
	Continuous	25	4.4	6.5	8.7	10.9	13.0

Comments: Incorporate appropriate amount of Talstar® 0.115 GURR Granular Insecticide with XX-X-XX Fertilizer in one cubic yard of potting media based on the known bulk density.

For Use On Ornamental Plants outside the scope of USDA guidelines:

For Fungus Gnat larvae & Mealybugs use 5 to 10 ppm. For 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. Use the higher rates for extended residual control.

Pest	App. Rate (ppm)	Potting Media Bulk Density* (lb. Talstar Per Cubic Yard)				
		200	300	400	500	600
Fungus Gnat larvae	5	0.9	1.3	1.7	2.2	2.6
Mealybugs	10	1.7	2.6	3.5	4.3	5.2
Black Vine Weevil	10	1.7	2.6	3.5	4.3	5.2
Root Weevil larvae	15	2.6	3.9	5.2	6.5	7.8
White Grubs	25	4.4	6.5	8.7	10.9	13.0
Imported Fire Ants	25	4.4	6.5	8.7	10.9	13.0

Comments: Incorporate appropriate amount of Talstar® 0.115 GURR Granular Insecticide with XX-X-XX Fertilizer in one cubic yard of potting media based on the known bulk density.

*lb. of Talstar® 0.115 GURR Granular Insecticide with XX-X-XX Fertilizer per cubic yard

$$= \frac{\text{bulk density of potting media} \times \text{ppm}}{1150}$$

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

RECOMMENDED SPREADER SETTINGS

Note: Following will be a list of application spreaders and appropriate settings.

The list will vary depending on market of spreaders. (This note will not appear on final printed label).

Note: 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:

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.wa.gov/agr>.

Information regarding the contents and levels of metals in this product is available on the internet at <http://aapfco.org/metals>.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-xx.com>.

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 must be followed carefully. It is impossible to eliminate all risks inherently 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 beyond the control of FMC or Seller. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) seller or FMC, and buyer assumes the risk of any such use.

To the extent allowed by law, FMC or seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

This Conditions of Sale and Limitation of Warranty and Liability may not be amended by any oral or written agreement.

Talstar and FMC – Trademarks of FMC Corporation.

LESCO, Poly Plus, NOS, SulfRX are registered trademarks of LESCO Technologies, LLC.

Poly Plus is comprised of Polymer coated sulfur Coated Urea.

OPTI is a registered trademark of Turf Care Supply.

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Optional Additional Language:

LESCO® Fertilizer Plus Insecticide

Contains LESCO® Poly Plus® OPTI™ Polymer Coated Urea to provide a uniform growth with extended nitrogen feeding.

Contains LESCO NOS™ (Nitrogen Optimizing System) for increased nitrogen use efficiency and extended greening.

Contains LESCO NOS™ Plus (Nitrogen Optimizing System) for increased nitrogen use efficiency and extended greening.

Contains LESCO® SulfRX™ Polymer Coated Sulfur Coated Urea to provide a uniform growth with extended nitrogen feeding.

Optional Logos:

