

279-3216

8/31/2012

1/4



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D C 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

August 31, 2012

Jill Holihan
Registration and Regulatory Affairs Manager
FMC Corporation
1735 Market Street
Philadelphia, PA 19103

Subject Amendment Revised Conditions of Sale/Warranty Statement and Adding Optional
Marketing Claims
Talstar 0 069 GURR Granular Insecticide with Fertilizer
EPA Reg No 279-3216
Your Submission Dated June 12, 2012 and August 13, 2012

Dear Ms Holihan

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy of the label is enclosed for your records.

If you have any questions regarding this action, please contact BeWanda Alexander at Alexanderbewanda@epa.gov or (703) 305-7460

Sincerely,

A handwritten signature in black ink that reads "BeWanda Alexander for".

Richard Gebken
Product Manager Team 10
Insecticide Branch
Registration Division (7505P)

Enclosure

2/4

Talstar 0 069 GURR Granular Insecticide with Fertilizer

For use to control ants (including imported fire ants) mole crickets and other listed pests on lawns in landscaped areas around residential institutional public commercial and industrial buildings parks recreational areas and athletic fields For Use as a Quarantine Treatment against Imported Fire Ants and for Balled and Containerized Nursery Stocks

EPA Reg No 279 3216 EPA Est 279

Active Ingredient By Wt Bifenthrin* 0 069% Other Ingredients 99 931% 100 0%

Cis isomers 97% minimum trans isomers 3% maximum U S Patent No 4 238 505

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

Guaranteed Analysis XX X XX Total Nitrogen (N) XX XX% Urea Nitrogen* 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% 0 001% Soluble Iron (Fe) Derived From Poly Coated Sulfur Coated Urea Sulfate of Potash Iron 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 or other 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/Meetings/Trainings/FLGreen/BMP_Book_final.pdf

FMC FMC Corporation Agricultural Products Group 1735 Market Street Philadelphia PA 19103

Net Weight

50 lbs Covers from 7,500 to 15,00 SQ FT XX lbs Covers from X,XXX to XXXX SQ FT

ACCEPTED AUG 31 2012 Under the Federal Insecticide Fungicide and Rodenticide Act as amended, for the pesticide Registered under EPA Reg No. 279-3216

8/13/2012

KEEP OUT OF REACH OF CHILDREN CAUTION

See other panels for additional precautionary information

Table with 2 columns: Condition (e.g., 'If on skin or clothing'), Action (e.g., 'Take off contaminated clothing'). Sections include: FIRST AID, HOTLINE NUMBER, NOTE TO PHYSICIAN.

PRECAUTIONARY STATEMENTS Hazards to Humans (and Domestic Animals)

Caution Harmful if absorbed through 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

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 Do not apply this product in a way that will contact workers or other persons either directly or through drift

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

Not for use on turf being grown for sale or other commercial use as sod or for commercial seed production or for research purposes Do not apply more than 580 pounds of Talstar® 0 069 GURR Granular Insecticide with Fertilizer per acre per year For any requirements specific to your State or Tribe consult the agency responsible for pesticide regulation

STORAGE AND DISPOSAL

Prohibitions 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 Call FMC (800) 331 3148 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 Non refillable 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 by burning Do not burn unless allowed by state or local authorities If burned, stay out of smoke

LAWN AND PERIMETER APPLICATIONS

Perimeter Application Apply to lawn area 6 to 10 feet wide around and adjacent to the structure using an application rate of 3.33 to 6.66 pounds per 1 000 square feet

Lawn Application Broadcast Talstar® 0 069 GURR Granular Insecticide with Fertilizer with suitable application equipment to ensure uniform coverage over the treatment area Apply 3.33 to 6.66 pounds per 1 000 square feet to control the following pests

Annual Blugrass Weevils (Hyperodes) (Adult)	Fleas
Ants ₂	Imported Fire Ants _{1,2}
Armyworms	Leafhoppers
Billbugs (Adult)	Mealybugs
Black Turfgrass Ataenius (Adult)	Millipedes ₂
Centipedes ₂	Mole Crickets ₂
Chinch Bugs ₂	Sod Webworms
Cutworms	Ticks ₂

Comments

1 **Imported 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 [Ortho® Max Pro®] – EPA Reg No 279 3206) that will control existing colonies

2 The higher application rate may be required to control Ants Centipedes Chinch Bugs Fleas Imported Fire Ants Millipedes Mole Crickets & 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® 0 069 GURR Granular Insecticide with Fertilizer if there are signs of renewed insect activity but not sooner than two weeks after the first application

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://aaapfco.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>

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 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® 0 069 GURR Granular Insecticide with Fertilizer with equipment suitable to give uniform distribution in the potting media Talstar® 0 069 GURR Granular Insecticide with

Fertilizer may be mixed with an appropriate amount of sand (1 10) to ensure adequate distribution of the product of the mix

Talstar Granular insecticide is approved under the USDA Plant Protection Imported Fire Ant Quarantine Certification program when used in accordance with USDA guidelines Use the 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 (lbs Talstar Granular Insecticide Per Cubic Yard)				
			200	300	400	500	600
Imported Fire Ant	0 6	10	2 9	4 3	5 8	7 25	8 7
	7 12	12	3 5	5 2	7 0	8 7	10 4
	13 24	15	4 4	6 6	8 7	10 9	13 0
	Continuous	25	7 2	10 9	14 5	18 1	21 7
Comments Incorporate appropriate amount of Talstar® 0 069 GURR Granular Insecticide with Fertilizer in one cubic yard of potting media based on the known bulk density							

For General 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 (lbs Talstar® 0 069 GURR Granular Insecticide with Fertilizer Per Cubic Yard)				
		200	300	400	500	600
Fungus Gnat larvae	5	0 5	0 75	1 0	1 25	1 5
Mealybugs	10	2 9	4 3	5 8	7 25	8 7
Black Vine Weevil	10	2 9	4 3	5 8	7 25	8 7
Root Weevil larvae	15	4 4	6 6	8 7	10 9	13 0
White Grubs	25	7 2	10 9	14 5	18 1	21 7
Imported Fire Ants						
Comments Incorporate appropriate amount of Talstar® 0 069 GURR Granular Insecticide with Fertilizer in one cubic yard of potting media based on the known bulk density						

lbs of Talstar® 0 069 GURR Granular Insecticide with Fertilizer per cubic yard = $\frac{\text{bulk density of potting media} \times \text{ppm}}{690}$

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

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 or 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 EXCEPT AS WARRANTED BY THIS LABEL FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELF-ION 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 consistent with applicable law FMC or seller shall not be liable for any incidental consequential or special damages resulting from the use or handling of this product TO THE EXTENT CONSISTENT WITH APPLICABLE LAW THE EXCLUSIVE REMEDY OF THE USER OR BUYER AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS LOSSES INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY CONTRACT NEGLIGENCE TORT STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE

