



000279-03207-091500

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Systems Integration Group, Inc.



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

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

SEP 15 2000

Mr. Michael C. Zucker
FMC Corporation
Agricultural Products Group
1735 Market Street
Philadelphia, PA 19103

Dear Mr. Zucker:

Subject: Amendment- Add Pests, Addition of Advisory Statements
Talstar Fire Ant-X™ Fire Ant Killer
EPA File Symbol 279-3207
Your Submission Dated April 19, 2000

The Agency has completed review of your request to add pests and add two New York State Advisory statements for the above referenced product. Those amendments are acceptable though the following changes are requested to your label:

1. The DIRECTIONS FOR USE section of this product only provides the user with directions for use relative to the control of fire ants. As there are several other pests listed on the label, you must provide directions for use specific to these pests as well or delete from label.
2. The use of the word "NEW" to describe this product (page 5 of label) will be acceptable for 6 months from the stamped label date. After that date, this claim must be deleted.
3. You are advised of a typographical error on page 4, under the first New York State advisory statement. It appears you intended the word "may" where the phrase "mat" appears.
4. Regarding "FLEAS" on the label. The MRID you cite (44891902) is for a 7.9% bifenthrin product. Flea control was adequate at a rate of 0.2 lb a.i./acre. EPA Reg. No. 279-3107 is a 0.2% bifenthrin product. You must either provide an appropriate study to support this product at the intended use rate or you must remove "fleas" from the label.
5. Delete the following terms/phrases that were added via notification: "Better way", "better coverage", "more even coverage", "fire ant free", "destroys", "stops". Misleading comparisons to other pesticides and claims implying total eradication or elimination of pests are unacceptable.

Prior to release of this product for shipment, please submit two (2) copies of the final, printed labeling. A stamped copy of the label is enclosed for your records. If you have any questions regarding this letter, please contact Linda Werrell Gerber of my team at (703) 308-8033.

Sincerely,



George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (7505C)

enclosure

Talstar Fire Ant-X Fire Ant Killer
 5M (S- XXXX)
 XXXX
 VS 09/04/98
 9/04/98 #2

[TOP]

(TALSTAR) XXXX

FIRE ANT-X™

FIRE ANT KILLER

[Note: Above description will be inverted]

[FRONT]

TREATS 5,000 SQ. FT.

[photo: beautiful lawn]

Talstar®
FIRE ANT-X™
FIRE ANT KILLER

FIRE ANT KILLER

- Kills the Queen in 24 Hours.
- Prevent new fire ant mounds (see back for directions)

[insert photo: fire ant]

For residential lawn use only (Including around flower gardens, flower beds, Around/along perimeters & foundations of houses, garages, sheds and structures, around mulch beds, along fence line/fence posts/fencing, around decking/decks).

ACTIVE INGREDIENT:

Bifenthrin: ** 0.200%

INERT INGREDIENTS: 99.800%

Total 100.000%

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

Licensed under U.S. Patent No. 4,238,505

EPA Reg. No. 279-3207

KEEP OUT OF REACH OF CHILDREN

CAUTION

ACCEPTED
 EPA COMMENTS
 EPA Reg. No. 279-3207 OH-1
 In EPA Letter Dated:

SEP 15 2000
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 as amended, for the pesticide
 registered under EPA Reg. No.
 279-3207

See back for precautionary statements and directions for use.

NET WEIGHT 11.48 lb (5.20 kg)

[BOTTOM]

Talstar[•] XXXX

FIRE ANT-X™
FIRE ANT KILLER

[LEFT GUSSET]

[UPC]

XXXX

0 32247 XXXXX X
TREATS PROOF OF PURCHASE
5,000 Pkg. Date
SQ. FT.

Talstar[•]
FIRE ANT-X™
FIRE ANT KILLER

[RIGHT GUSSET]

XXXX

[UPC]

Talstar[•]
FIRE ANT-X™
FIRE ANT KILLER

0 32247 XXXXX X

TREATS
5,000
SQ. FT.

[BACK]

TREATS 5,000 SQUARE FEET

Talstar

FIRE ANT-X™

FIRE ANT KILLER

How and when to apply

Directions for use

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

For extended fire ant control and prevention, apply Talstar Fire Ant-X™ two times per year:

Spring: March-May

Late Summer: August-September

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 prevent 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. Mounds should be treated by applying 1/2 cup of Talstar Fire Ant-X Fire - Ant Killer per mound and then drenching the mound with 1 to 2 gallons of water. The mounds should be treated with sufficient force to break their apex and allow the insecticide solution to flow into the ant tunnels. A four foot diameter circle around the mound should also be treated. For best results, apply in cool weather (65 - 80°F) or in early morning or late evening hours. This treatment will kill the queen within 24 hours of application. Food utensils such as teaspoons and measuring cups must not be used for food purposes after use with pesticides.

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.

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.

PESTICIDE CONTAINER DISPOSAL: Do not reuse empty bags. Wrap bags and put in trash.

[BACK]

Spreading Tips

For best results,

	<u>Spreader Settings</u>	<u>Directions</u>
	<u>covers</u>	
	<u>5,000 sq. ft.</u>	
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	XX	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® Handy Green® 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]

[BACK]

What to expect --

do promising
better than whad?
New effective way to control Fire Ants, Now a better way to control Fire Ants, Better coverage, More even coverage, 4 month Fire Ant control, Fire Ant free for up to 4 months, Destroys the mound, Protects the entire yard up to 4 months, Stops and prevents Fire Ant mound formation, Kills foraging Fire Ants, Prevents new Fire Ant mounds from forming up to 4 months, Apply twice for season long control, Penetrates down to where Fire Ants forage, Quick release granules, Long lasting control with Power Crystals, Fast acting, Kills on contact, Ready-to-use, Kills fly-in queens and Kills Fire Ants and other lawn insects.

Fire ants will be controlled for

3-4 months. Mound activity will stop within 2 days and mounds will begin to collapse.

Talstar Fire Ant-X™ kills the following types of pests:

Fire ants
Argentine ants
Carpenter ants
Odorous ants
Pyramid ants
Pavement ants
Pharoah (sugar)ants
Red harvester ants
Fleas
Ticks

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION. Harmful if absorbed through the skin. Avoid contact with skin, eyes or clothing..

FIRST AID: IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

Note to Physician: 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.

ENVIRONMENTAL HAZARDS: This pesticide is extremely toxic to fish and aquatic invertebrates. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters or rinsate.

For Emergency Assistance Call: (800) 331-3148.

[BACK]

Product of USA
FMC Corporation

Agricultural Products Group
Philadelphia, PA 19103

Talstar® insecticide, a registered trademark of FMC Corporation.

Questions, Comments, Information

Call FMC's toll-free
Helpline:
1-800-321-1FMC(1362)

[Computer Art]