

PM03

538-260

10/26/99

10F13
11/5/99
17/5/99



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division (H7505C)
401 "M" St., S.W.
Washington, D.C. 20460

EPA Reg. Number:

538-260

Date of Issuance:

OCT 26 1999

Term of Issuance: Unconditional

Name of Pesticide Product:

Turf Builder with Fire Ant-X

NOTICE OF PESTICIDE:

Registration
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

The Scotts Company
14111 Scottslawn Road
Marysville, OH 43041

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA sec. 3(c)(5). Once a pesticide is registered, however, it is not regarded as permanently acceptable. Registration does not eliminate the need for continual reassessment of pesticides. If the Agency determines that, at any time, additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under FIFRA section (3)(c)(2)(B).

1. Make the following label changes:

- a. Revise the EPA Registration Number to read, "EPA Reg. No. 538-260".
- b. Delete all reference to controlling (destroying) (preventing) fire ant mounds (colonies). This product, as applied, will control foraging ants and not the mound. You may retain reference to the use of Scotts Fire Ant Mound Treatment for controlling mounds.

Signature of Approving Official:

Date:

OCT 26 1999

- c. Replace "destroys" fire ants with "kills" fire ants.
- d. Delete all references/comparisons to ordinary insect control products. False or misleading comparisons with other products are not acceptable.
- e. Delete "... prevent new fire ant mounds", "... prevented for 3-4 months ..." as we are not aware of any efficacy data supporting a prevention claim. Likewise under Directions for Use, delete reference to "For extended fire and control and prevention, apply".
- f. On page 4, add "may" to the statement "Including ticks that may transmit Lyme disease"
- g. Under "Precautionary Statements", amend the Hazards to Humans statement to read:

CAUTION. Harmful if inhaled, swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid breathing dust. Avoid contact with skin, eyes or clothing. Remove contaminated clothing and wash clothing before reuse. Wash thoroughly with soap and water after handling.

- 2. Submit two copies of the revised final printed label for the record.
- 3. The results of the studies corresponding to guideline 830.6317 (storage stability) and to 830.6320 (corrosion characteristics) must be submitted to the Agency for evaluation. Please provide the date by which these studies will be submitted.

A stamped copy of the label is enclosed for your records.

Sincerely

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

Enclosure

Fire Ant-X Fire Ant Killer
VS 9/04/98
VS 7/20/99
[TOP]

MASTER LABEL

(Scotts®)

XXXX

**FIRE ANT-X™
FIRE ANT KILLER**

[Note: Above description will be inverted]

[FRONT]

TREATS 5,000 SQ. FT.

[photo: beautiful lawn]

(Scotts®)

**FIRE ANT-X™
FIRE ANT KILLER**

- Destroys fire ants and their mounds quickly and completely
- Prevent new fire ant mounds (see back for directions)
- Supplies these nutrients to help your lawn (X% Nitrogen, X % Available Phosphate and X % Soluble Potash)
- Build thick green turf from the roots up without burning your lawn
- Feeds your lawn and controls lawn insects too
- Kills fleas and ticks before they get on your pet
- Kills fleas, ticks and fire ants
- Kills insects that cause your lawn to thin and turn brown
- Kills insects that damage your lawn such as chinch bugs, mole crickets and sod webworms
- Kills nuisance pests in your lawn
- Protects your lawn, family and pets from pests
- Can be used anytime of the year
- Formulated to be effective throughout the south
- Special southern formulation
- Exclusive Scotts formulation
- On odor formulation

[insert photo(s): fire ant and or other labeled pests]

For residential lawn use only.

ACCEPTED
with COMMENTS
in EPA Letter Dated

X-X-X (N-P-K ratios)

OCT 26 1999

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 538-260

[FRONT]

ACTIVE INGREDIENT:

Bifenthrin*: (2 methyl [1,1'-biphenyl]-3-yl) methyl-3-(2-chloro-3,3,3-trifluoro-1-propenyl)

-2,2-dimethylcyclopropanecarboxylate** 0.147%

INERT INGREDIENTS: 99.853%
Total 100.000%

*Talstar® insecticide, a registered trademark of FMC Corporation.

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

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

EPA Reg. No.538-XXX

EPA Est. No. 538-OH-1

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back for precautionary statements and directions for use.

NET WEIGHT 15.62 lb. (7.10 kg)

[BOTTOM]

(Scotts®)

FIRE ANT-X™
FIRE ANT KILLER

XXXX

)

[LEFT GUSSET]

FEEDS [UPC]
 & 0 32247 XXXXX X
 TREATS PROOF OF PURCHASE
 5,000 Pkg. Date
 SQ. FT.

(Scotts®) XXXX
 FIRE ANT-X™
 FIRE ANT KILLER

)

[RIGHT GUSSET]

XXXX (Scotts®)
 FIRE ANT-X™
 FIRE ANT KILLER

[UPC]
 0 32247 XXXXX X

FEEDS
 &
 TREATS
 5,000
 SQ. FT.

[BACK]

FEEDS & TREATS 5,000 SQUARE FEET

(Scotts®)

FIRE ANT-X™

FIRE ANT KILLER

What to expect

Fire ants will be controlled and prevented for 3-4 months and your lawn will be greener in one week.. Mound activity will stop within 2 days and mounds will begin to collapse.

Fire Ant-X™ kills the following types of ants:

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

(Alternate pest list for version #2 Directions for Use)

Fire Ant-X kills these pests and lawn insects

- ants
- armyworms
- billbugs(adults)
- chinch bugs
- cutworms
- fire ants
- fleas(larvae)
- leafhoppers
- mealybugs
- mole crickets(adults and nymphs)
- sod webworms
- ticks (Including ticks that transmit Lyme disease and Rocky Mountain Spotted fever)
 - Deer ticks
 - American dog ticks

- - - The Scotts Difference® - - -

Unlike ordinary insect control products, every particle of Fire Ant-X contains: Scotts patented timed-release nitrogen, phosphorus, potassium and insect control.

Scotts Fire Ant-X

Fire Ant-X particles deliver the same ratio of nitrogen, phosphorus, potassium and insect control to every square inch of turf for even, consistent feeding plus better insect control

Ordinary Mixed Insect Controls

Granules contain different nutrients. Nutrient and insect control granules of different sizes and shapes can separate during application resulting in uneven, inconsistent feeding and insect control.

(Scotts®) Turf Builder®
Annual Program

No more guesswork . . . apply the right product at the right time for a thick, green, weed-free lawn

Start anytime . . . just check the month below and apply products at 2 month intervals

	TYPE of Lawn					
	St. Augustinegrass S. Florida All other or Texas regions		Bermuda- grass	Bahiagrass, Zoysia	Centipede- grass	Tall Fescue Bluegrass, Ryegrass
January- February	Bonus® S		Halts®			
February- March		Bonus S			Halts	Turf Builder With Halts
March- April	Fire Ant-X™		Fire Ant-X	Fire Ant-X	Fire Ant-X	Fire Ant-X
April- May	Turf Builder With Insect Control*	Fire Ant-X	Turf Builder With Plus 2®	Turf Builder With Plus 2	Lawn Weed Control	Turf Builder With Plus 2
June, July, August	Diazinon Lawn Insect Control	Diazinon Lawn Insect Control*	Diazinon Lawn Insect Control*	Diazinon Lawn Insect Control*		Diazinon Lawn Insect Control*
August- September	Fire Ant-X	Fire Ant-X	Fire Ant-X	Fire Ant-X	Fire Ant-X	Fire Ant-X
September- October	Turf Builder®	Bonus® S	Turf Builder	Turf Builder		Turf Builder
November	Bonus® S	Winterizer™	Winterizer™			Winterizer (optional)

* If lawn damaging insects, fleas or Brown Dog ticks are noted.

[BACK]

How and when to apply

Directions for use (version #1)

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 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 to prevent re-infestation of fire ants from neighboring areas.

For best results in killing fire ant colonies, use Scotts Fire Ant Mound Treatment 1-7 days before application of this product.

On bahia and centipedegrass lawns, wait until after the second mowing of the year but not before mid-March.

If you have used Turf Builder® or Bonus® S or another fertilizer containing product within the past 6 weeks, use Lawn Insect Control

[BACK]

Directions for use (version #2)

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

General use instructions

Apply as soon as insect activity or damage (chewed or brown leaves) is first observed in the lawn.

Spread uniformly over your lawn using the suggested spreader settings. For best results, use a Scotts spreader.

Apply when the lawn foliage is dry. Water lightly immediately after application to wash the granules from the lawn foliage and to activate the insecticide. See specific instructions on watering below.

On bahiagrass and centipedegrass lawns, wait until after the second mowing of the year, but not before mid-March.

If you have used Turf Builder or Bonus S, or other fertilizer-containing products in the last 6 weeks, use Scotts Lawn Insect Control.

This product can be applied as part of an annual program. It is best used in Spring and Fall. See chart for suggested timing of application programs.

Specific instructions

For armyworms, cutworms, and sod webworms, water with 1/10 inch of water after application to activate the insecticide.

For billbugs, make an application as soon as adult billbugs are noticed in the spring. A repeat application of Fire Ant-X or Lawn Insect Control may be required after 4 weeks. A light watering (1/10 inch) is required to activate the insecticide.

For chinch bugs, a moderate watering-in (up to 1/4 inch) is necessary to reach the chinch bugs which are found in the thatch layer. Make applications in early spring or when ever chinch bug activity is noticed. Repeat applications throughout the growing season as needed.

For flea larvae, water in with 1/2 inch of water. Flea larvae develop in the soil of shaded areas where pets frequent.

[BACK]

For mole crickets, make application as late in the day as possible and water with 1/2 inch of water. If the soil is not moist prior to application, it may be necessary to irrigate first to bring mole crickets closer to the surface where they are more likely to contact the insecticide. Let the lawn foliage dry and then apply Fire Ant-X. Mole crickets are best controlled by treating for the young nymphs. For best control, treat prior to peak egg hatch in the spring.

For ticks, apply in the spring when ticks are first noticed. A light watering (1/10 inch) is required to activate the insecticide. Retreat as needed.

For fire ants, a broadcast application will control foraging workers and few fly-in females and will prevent re-infestation of fire ants from neighboring areas. You should treat your entire lawn. For best results, treat during the morning or late evening when it is cool and the fire ant are most active. For complete control, treat individual mounds with a mound control product 2-3 days prior to applying Fire Ant-X.

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,
use a Scotts spreader

	Spreader Settings	Directions
	covers 5,000 sq. ft.	
Scotts. 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 feeding. Shut off spreader when you have reached the header strips or stopped.
Scotts 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.
Scotts 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 flower, vegetable and shrub plantings.

Additional Spreader Settings

- EZ Drop, Republic (#530) X
- EZ Broadcast, Republic (#540) X

(Non-Scotts spreader settings are approximate. You may need to adjust for proper coverage.)

[Illustrations: spreading patterns]

[BACK]

KEEP OUT OF REACH OF CHILDREN

CAUTION

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION. Harmful if swallowed. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

FIRST AID or STATEMENT OF PRACTICAL TREATMENT:

IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching the back of the throat with finger, or if available by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation occurs and 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.

Fire Ant-X Fire Ant Killer N-P-K 643-XXXX

Total nitrogen (N)	XX%
X.X% ammoniacal nitrogen	
XX.X% urea nitrogen	
XX.X% water soluble nitrogen*	
XX.X% water insoluble nitrogen	
Available phosphate (P205)	X.X%
Soluble potash (K20)	X.X%
Sulfur (S) (combined)	X.X%

Derived from: TBD

*Contains XX.X% slowly available methylenediurea and dimethylenetriurea nitrogen.

[BACK]

Product of USA
The Scotts Company
14111 Scottslawn Rd.
Marysville, OH 43041

Scotts No-Quibble Guarantee™:

XXXX

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.

(Scotts®)...the lawn people
) Marysville, Ohio 43041

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Made in U.S.A.

Questions, Comments, Information

Call Scotts' toll-free
Consumer Helpline:
1-800-543-TURF

[Computer Art]

) "Lawn Success Made Easy"
Visit Scotts' website at
www.scottslawn.com