

439515

APR 29 1993

Mr. Vincent Snyder  
The O.M. Scott & Sons Company  
14111 Scottslawn Road  
Marysville, OH 43041

Dear Mr. Snyder:

Subject: Amendment - Lower percentage of active ingredient  
and reduce application rate to 4 lbs. a. i. per acre  
Western Lawn Insect Control  
EPA Reg. No. 538-204  
Your submissions dated April 7, 1992  
and April 26, 1993

The amendment referred to above, submitted in connection with a registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable provided the following revisions are made prior to release for shipment under the amended labeling:

- 1) The Diazinon Registration Standard stipulates that diazinon outdoor use products are classified as Restricted Use due to avian and aquatic toxicity unless they are registered for application to home lawns and/or home gardens only. You can clarify the intended use site for this product by addition of "For outdoor use on the home lawn only" to the front panel. A good location would be to appear with the golf course sod and sod farm limitation, as you had done for your other diazinon product "Lawn Insect Control Plus Fertilizer", EPA Reg. No. 538-92 for your December 8, 1992 Notification submission.
- 2) Throughout the label (i.e., front panel, and left and right gussets), revise the claim "Controls all major turfgrass insect problems and fertilizers your lawn" to "Controls major home lawn insect problems and fertilizers you lawn. See back panel for complete list of pests controlled.". The claim "all" is not acceptable. There have been progressively more promising front panel pest claims for this product over time. When the product was initially registered, there was a listing of the specific pests controlled, which then was replaced by "Corrects most lawn insect problems", to the present submission. The Agency agrees that "controls" is more appropriate than "corrects". The change from "turfgrass" to "home lawn" will reinforce the only acceptable use site for this product.

- 3) Revise the front panel claim "Ticks" to "Brown Dog Ticks".
- 4) The Agency has reviewed the diazinon end-use product toxicology data submitted by Ciba-Geigy in response to the Diazinon Registration Standard. Since your product falls between their 2% and 5% diazinon granular products, the Agency recommends the following revised version of the Hazards to Humans and Domestic Animals text based on Ciba-Geigy's label for their 2% diazinon granular product. If you have product specific toxicology data for your product that you believe would warrant the Agency's revision of the recommended Precautionary Statements and associated Statement of Practical Treatment, then you should immediately submit that data for Agency review (in particular, is there toxicology data to justify the precautionary text "Do not get in eyes, on skin or clothing", label language which would indicate Toxicity Category II for eye irritation and acute dermal toxicity -possibly due to the combined presence with fertilizer?). You will note that a complete Statement of Practical Treatment is included in the revised text (again, as you had done for "Lawn Insect Control Plus Fertilizer", EPA Reg. No. 538-92 for your December 8, 1992 Notification submission). The revised Hazards to Humans and Domestic Animals section and associated Statement of Practical Treatment should appear as follows:

Hazards to Humans and Domestic Animals: CAUTION. Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing dust and contact with eyes, skin, or clothing. Wash thoroughly after handling and before smoking or eating. May cause contact sensitization following repeated contact with skin of susceptible individuals. If sensitization reactions result, contact a physician. Do not store near food or feed. Do not contaminate ornamental fish ponds. Do not allow children or pets onto the treated area until granules have been watered in and the grass or soil has dried.

Statement of Practical Treatment

**If swallowed:** Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth if person is unconscious or convulsing.

**If inhaled:** Remove victim to fresh air and apply artificial respiration if indicated.

**If on skin:** Remove contaminated clothing and wash affected areas with soap and water.

**If in eyes:** Rinse eyes with plenty of water and call a physician immediately.

**Note to Physician:** This product contains an organophosphate insecticide. If symptoms cholinesterase inhibition are present, atropine sulfate by injection is antidotal. 2-PAM is also antidotal and may be administered, but only in conjunction with atropine.

[PLEASE NOTE: While not preferred, if label space is a problem, the specific first aid advice for the various routes of exposure may be compressed into a running paragraph format using bold type to identify the beginning of advice for each potential route of exposure, but in no case should this advice be separated from its heading or inserted into the middle of the Hazards to Humans and Domestic Animals text.]

5) Revise the Environmental Hazards text to read as follows:

This pesticide is highly toxic to birds, fish, and other wildlife. Birds, especially waterfowl, feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping of granules. Where irrigation (watering) is recommended in the directions, or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), water lawn with at least 1/4 inch of water immediately after applying this product, however, stop watering before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. Do not contaminate water by cleaning of equipment or disposal of equipment wash waters.

6) In the list of insects on the back panel, correct "bermuda mites" to "Bermudagrass mites", and "ticks (brown dog)" to "Brown dog ticks". In this same listing, align "Phyllophaga - May or June beetle" to appear under "Masked chafer".

7) In the "NOTE" for grub control, you may want to capitalize "Spring", "Summer", and "Fall", for consistency with your other diazinon product labels.

A stamped copy of the label is enclosed for your records. Please submit five copies of the revised finished label prior to release for shipment under the revised amended label.

The revised Confidential Statement of Formula (CSF) dated April 7, 1992 (together with the clarifications dated April 26, 1993) and the associated product chemistry data MRID 42279701 are acceptable and have been added to this product's registration file. Presumably, the results of studies identified as "Test On-going", including Storage Stability data, will be submitted to the Agency as soon as they become available.

The label and CSF accepted at this time supersedes all previous labels and CSFs on file for this product. The Agency understands that there will be some continued production of the previous 3.6% diazinon formula to use up current packaging, but that the new 2.88% diazinon formula for this product is the only one being supported for reregistration.

Sincerely,

George T. LaRocca  
Product Manager (13)  
Insecticide Rodenticide Branch  
Registration Division (H7505C)

FRONT:

1992 PACKAGE COPY FOR  
WESTERN (IN INSECT CONTROL  
PLUS FERTILIZER XXXXX

5 of 13

11/13/90 AR 12/19/90 AR  
01/31/91 VS/cr  
03/27/92 VS/cr

Treats and Fertilizes 5,000 square feet

(Scotts)<sub>R</sub> Western Lawn Insect Control  
Plus Fertilizer XXXXX

---

Controls all major turfgrass insect problems  
and fertilizes your lawn

(NOTE: The description above will be inverted.)

(Scotts (R))

---

Treats and Fertilizes 5,000 sq. ft.

Western Lawn Insect Control  
Plus Fertilizer

---

Controls all major turfgrass insect problems and fertilizes your lawn

LEFT COLUMN

Provides even greening -- better than all-soluble fertilizers

Contains diazinon to control white grubs, sod webworms, fleas, ticks, chinch bugs, ants and other insects while greening your lawn without rapid, extreme growth.

REMOVED  
AND COMMENTS  
in EPA Letter Dated

APR 29 1993

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

538-204

CENTER COLUMN

This product must not be used on golf courses and sod farms

COVERAGE:

Treats and fertilizes 5,000 square feet

APPLICATION: (See back for details)

Apply in summer.

25	6	4
<b>NITROGEN</b>	<b>PHOSPHORUS</b>	<b>POTASSIUM</b>
Essential for plant growth; makes grass green.	Stimulates root growth; helps grass multiply.	Makes plant strong; better able to resist drought and extreme heat.

RIGHT COLUMN

See Back for Details  
Scott's  
No-Quibble Guarantee

CAUTION  
KEEP OUT OF REACH OF CHILDREN

See BACK for additional precautionary statements.

ACTIVE INGREDIENT:

Diazinon [0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate]. . . . .

	2.88%
INERT INGREDIENTS: . . . . .	<u>97.12%</u>
Total	100.00%

EPA Reg No 538-204

EPA Est 538-OH-1

NET WEIGHT ~~16.0 LBS~~

XXXXX

**GUSSETS:**

7 8 13

**RIGHT GUSSET:**

Treats and Fertilizes 5,000 square feet

(Scotts)<sub>R</sub> Western Lawn Insect Control  
Plus Fertilizer

---

Controls all major turfgrass insect problems  
and fertilizes your lawn

UPC

32247 XXXX

**LEFT GUSSET:**

Treats and Fertilizes 5,000 square feet

(Scotts)<sub>R</sub> Western Lawn Insect Control  
Plus Fertilizer

---

Controls all major turfgrass insect problems  
and fertilizes your lawn

UPC

32247 XXXX

FRONT:

Scotts

Western Lawn Insect Control  
Plus Fertilizer

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LEFT COLUMN

Formulation and  
Ingredient Analysis

25-6-4

RIGHT COLUMN

KEEP OUT OF REACH OF CHILDREN  
CAUTION  
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals: CAUTION. Harmful if swallowed. May be absorbed through the skin. Do not get in eyes, on skin, or on clothing. Avoid inhalation. If on skin: remove contaminated clothing and wash affected areas with soap and water. If in eyes: flush eyes with plenty of water. Call a physician if irritation persists. May cause contact sensitization following repeated contact with skin in susceptible individuals. Avoid repeated contact with skin. If sensitization reactions result, consult a physician. Wash thoroughly after handling and before eating or smoking. Do not contaminate feed or foodstuffs. Do not allow children or pets on treated areas until granules have been watered into the soil and grass or soil has dried.

Note to Physician: Diazinon is a cholinesterase inhibitor. Atropine is antidotal if symptoms of cholinesterase inhibition are present.

Environmental Hazards: This product is highly toxic to birds, fish and other wildlife. Birds, especially waterfowl feeding or drinking on treated areas may be killed. Because of the migratory habits of certain Atlantic Coast waterfowl, do not apply this product to lawns in Nassau County, New York, between November 1 and May 20. Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl. Avoid overlapping granules. Where irrigation (watering) is recommended in the directions or if waterfowl, i.e., ducks or geese, can be expected in the treated area after treatment (except spot treatment), apply a minimum of 0.25 inch of water immediately after applying this product. Stop irrigation before puddling occurs. Keep out of lakes, streams, ponds, tidal marshes and estuaries.

**FRONT CONTINUED:**

**Right Column (cont'd)**

Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). Runoff may be hazardous to aquatic organisms in neighboring areas.

Shrimp or crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab and other aquatic life are important. Do not contaminate water when disposing of equipment washwaters.

EPA Reg No 538-204

EPA Est 538-OH-1

643-XXXX

Western Lawn Insect Control Plus Fertilizer

25-6-4

**Guaranteed Analysis**

Total nitrogen (N) . . . . . 25%  
1.3% ammoniacal nitrogen  
XX.X% urea nitrogen  
X.X% water soluble organic nitrogen\*  
9.4% water insoluble nitrogen  
Available phosphoric acid (P<sub>2</sub>O<sub>5</sub>) . . . . . 6%  
Soluble potash (K<sub>2</sub>O) . . . . . 4%

Derived from: monoammonium phosphate, urea, methylene ureas and potassium sulfate.

Contains XX% slowly available methylenediurea and dimethylenetriurea nitrogen.

Product of USA

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BACK CONTINUED:

LEFT COLUMN

RIGHT COLUMN

What to expect

(ILLUS.)

Grubs and other insects listed will be controlled and prevented and your lawn will be greener in one week.

Western Lawn Insect Control Plus Fertilizer kills these active insects and provides effective control for approximately 6 weeks.

ants	cutworms	leafhoppers	white grubs
armyworms	earwigs	mole crickets	(Japanese beetle,
bermuda mites	European crane	sod webworms	European chafer,
billbugs	fly larvae	(lawn moth larvae)	Masked chafer,
chiggers	(leatherjackets)	ticks (brown dog)	Phyllophaga - May
chinch bugs	fleas	vegetable weevil	or June beetle)
clover mites	flea beetles	(in dichondra)	
crickets	(in dichondra)		

EACH WESTERN LAWN INSECT CONTROL PLUS FERTILIZER GRANULE CONTAINS THE THREE MAJOR NUTRIENTS AND INSECT CONTROL. We bond Scotts unique controlled-release nitrogen with other essential nutrients and an effective insect control so your lawn receives a safe, uniform feeding.

WESTERN LAWN INSECT CONTROL PLUS FERTILIZER WON'T BURN YOUR LAWN. The nitrogen is buffered. This means Western Lawn Insect Control Plus Fertilizer greens your lawn without the danger of burning. Part of the nitrogen in Western Lawn Insect Control Plus Fertilizer is time-released to provide a supply of this essential nutrient to help your lawn stay thick and green for up to two months.

LEFT COLUMN

RIGHT COLUMN

Coverage

How much is enough?

Treats and fertilizes 5,000 square feet

To determine the square footage of your lawn, walk the length and width of your lawn; one average pace equals about 3 feet. Multiply the length of the lawn by the width of the lawn. This equals the area of your lawn in square feet. Note: If your lawn has an irregular shape, measure square areas, then add the figures together to reach your total lawn size.

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LEFT COLUMN

How and when to apply

Apply in summer or anytime insects are a problem.

RIGHT COLUMN

DIRECTIONS FOR USE

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

DO apply when insect activity or damage (chewed or browned leaves) is first observed in the lawn.

NOTE: For Grub Control:

Northern States - The most likely period for grubs is late July through September, but in some cases grubs are active in the spring. An application for spring grub activity requires a repeat summer-early fall application for effective control.

Southern States - Apply during July-August. A second application may be needed six weeks later. Applications made later in the year, when grubs are more mature, are less effective.

For chinch bugs start treatments when daily high temperatures are 80°F or above and repeat at 6 week intervals.

For mole crickets, the best time to apply is in May to July.

DO apply when lawn is dry. For white grubs and mole crickets, water thoroughly, let lawn dry and then apply product.

DO water lawn after application to wash granules from the lawn foliage. If treating for grubs or mole crickets, water thoroughly (so that active ingredient will be carried into the rootzone).

DO make a repeat application of Scotts Lawn Insect Control (with or without fertilizer) if there are signs of renewed insect activity. (Normally, application gives effective control for approximately 6 weeks).

DON'T treat just the browned areas of your lawn. To prevent further damage, treat entire lawn.

DON'T use any other lawn control product for at least one week after application.

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**STORAGE:** Store in a clean, dry place. Reseal opened bag by folding top down and securing.

**PESTICIDE DISPOSAL:** Securely wrap original container in several layers of newspaper and discard in trash.

**CONTAINER DISPOSAL:** Do not reuse bag. Discard bag in trash.

LEFT COLUMN

**Spreading Tips**

For best results, use a Scotts spreader: (chart)

RIGHT COLUMN

**Scotts Drop:** 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 wheels to insure uniform feeding. Shut off spreader when you have reached the header strips or stopped. (ILLUS.)

**Scotts EasyGreen<sup>®</sup> Rotary:** 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. (ILLUS.)

**Scotts SpeedyGreen<sup>™</sup> Rotary:** 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 flowers, vegetables and shrub plantings.

	Spreader Settings (covers 5,000 sq ft)
Scotts Drop Spreaders	6
Scotts EasyGreen Rotary	26
Scotts SpeedyGreen Rotary	5

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

- |                          |       |                          |   |
|--------------------------|-------|--------------------------|---|
| Cyclone Rotary . . . . . | 3 1/2 | Ortho Drop . . . . .     | 6 |
| Central Drop . . . . .   | 7     | Greenview Drop . . . . . | 3 |
| Sears Drop . . . . .     | 5     | Precision Drop . . . . . | 5 |
|                          |       | (Red Devil)              |   |

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LEFT COLUMN

RIGHT COLUMN

Questions?

Scotts Policy No-Quibble Guarantee: 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.

Call Scotts' toll-free  
consumer hotline:  
1-800-543-TURF

SCOTTS...the lawn people  
Marysville, Ohio 43041

Made in USA

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UPC  
\_\_\_\_\_  
32247 XXXXX

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