

439701

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  
Lawn Insect Control  
EPA Reg. No. 538-187  
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 under the golf course sod and sod farm limitation.
- 2) Revise the front panel claim "Controls all major lawn insect problems (see list on other side)" to "Controls major home lawn insect problems (see list on other side)". The claim "all" is not acceptable. When the product was initially registered, there was a listing of the specific pests controlled. The claim "Controls all major lawn insect problems (see list on other side)" first appeared on labeling accompanying an October 26, 1989 Notification regarding revised spreader instructions. No mention of the revised claim was made in your Notification letter at that time. A subsequent Notification, dated December 6, 1989 reverted back to the pest listing as originally registered. Unfortunately, the Agency did not catch the reappearance of the revised claim on your February 1, 1990 amendment. The specifying of "home lawn" will reinforce the acceptable use site for this product.

- 3) 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?). You will note that a complete Statement of Practical Treatment and a slightly expanded Note to Physician is included in the revised text. 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.]

- 4) 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.

- 5) In the list of insects on the back panel, correct "bermuda mites" to "Bermudagrass mites", and "brown dog ticks" to "Brown dog ticks" (cpaitalized because it is a proper name, such as "Masked chafer").
- 6) 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 42279501 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 5.84% diazinon formula to use up current packaging, but that the new 4.54% 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  
LAWN INSECT CONTROL 40006-3  
(S-4094 CC & S-4095 Biodac)

5910

01/16/90 AR

02/02/90 VS

03/27/92 VS/cr

(Scotts) Lawn Insect  
Control

(NOTE: Above description will be inverted.)

Treats 5,000 sq ft (465 m<sup>2</sup>)

(PHOTO)

SCOTT'S POLICY  
No-Quibble  
Guarantee  
SEE BACK FOR DETAILS

(Scotts(R))

Lawn Insect  
Control  
with 4.54% Diazinon

controls all major  
lawn insect  
problems (see list on other side)

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

NET WEIGHT

~~10.10~~ LBS

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

APR 29 1993

LEFT COLUMN

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

538-187

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 reaction 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.

FRONT CONTINUED:

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.

Do not apply directly to water or wetlands (swamps, bogs, marshes and potholes). 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.

**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.

**ACTIVE INGREDIENT:**

Diazinon [0,0-Diethyl 0-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate] . . . . . 4.54%

**INERT INGREDIENTS:** . . . . . 95.46%

Total 100.00%

EPA Reg No 538-187  
Product of USA

EPA Est No. 538-OH-1 (S)  
EPA Est No. 44616-MO-01 (H)

The O M Scott & Sons Company  
Marysville, Ohio 43041

Subscript used is first letter of  
run code on end of container

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(Printing Calendar)

GUSSETS:

7 8 10

**RIGHT GUSSET:**

40006  
3

(Scotts)

Lawn Insect  
Control

SCOTTS POLICY  
No-Quibble  
Guarantee  
SEE BACK FOR DETAILS

**LEFT GUSSET:**

(Scotts)

Lawn Insect  
Control

SCOTTS POLICY  
No-Quibble  
Guarantee  
SEE BACK FOR DETAILS

40006  
3

BACK:

PULL TAB  
and remove for  
pour spout

(ILLUS.)

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Treats 5,000 sq ft (465 m<sup>2</sup>)

LIC - 40006  
5M  
PROOF  
OF  
PURCHASE  
(Scotts)

8 of 10

Easy  
Open PULL HERE

(Scotts(R))

Lawn Insect  
Control

Controls the following insects:

ants  
armyworms  
Bermuda mites  
billbugs  
chiggers  
chinch bugs  
clover mites  
crickets

cutworms  
earwigs  
European crane fly larvae  
(leatherjackets)  
fire ants (except in  
California)  
fleas  
flea beetles  
(in dichondra)  
leafhoppers  
mole crickets

brown dog ticks  
sod webworms  
(lawn moth larvae)  
vegetable weevil  
(in dichondra)  
white grubs such as  
Japanese beetle,  
European chafer,  
Masked chafer,  
Phyllophaga (May or  
June beetle)

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Easy to Apply

**DIRECTIONS FOR USE**

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

- Apply when insect activity or damage (chewed or brown grass blades) is first observed in the lawn.
- Apply when lawn is dry.
- Water lawn after application to wash granules from the lawn foliage. If treating for grubs and mole crickets, water thoroughly (so active ingredients will be carried into the root zone). Don't allow traffic on the lawn until it has dried.
- Treat the entire lawn to prevent further insect damage.
- You should not use any other lawn control product for at least one week after application.
- A second application may be needed in 6 weeks if insect activity continues.
- Do not use on fruit or vegetable plants.



**GRUBS--**

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 June-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 best results - Water your lawn 24 hours prior to application. This will better enable the active ingredients to penetrate the thatch and control grubs.

**FIRE ANTS** (except in California) - Apply 1/2 cup of product on each fire ant mound, water gently and thoroughly after application. For best results apply in early morning or late evening.

**CHINCH BUGS--** Start treatments when daily high temperatures are 80° or above. A second application may be needed in 6 weeks if insect activity continues.

**MOLE CRICKETS--** The best time to apply is in May to July when the insects are young.

For best results - Water your lawn 24 hours prior to application. This draws insects closer to the surface for better control.

**CRANE FLY LARVAE** (leatherjackets)--Apply when activity is first noticed in the spring, usually mid-March to mid-April.

Application Rate	Scotts Drop Spreaders	Scotts EasyGreen™ Rotary	Scotts SpeedyGreen™ Rotary
(treats 5,000 sq ft)	1 1/2	2 1/2	2

**TIPS ON SPREADING WITH SCOTTS SPREADERS**

**Scotts Drop:**

- First apply 2 header strips (ILLUS.)
- Operate spreader the longest way of the lawn
- Overlap wheels to insure complete insect control
- Shut off spreader when you have reached the header strips or anytime you stop (ILLUS.)
- Mow lawn first if grass is tall enough to touch the bottom of spreader

**EasyGreen™ 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

BACK CONTINUED:

10 9 10

SpeedyGreen™ 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 flower, vegetable and shrub plantings.

Scotts Policy 40006  
No-Quibble Guarantee 3

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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0 (UPC) 0

32247 40006

896-594

(NOTE: The description below will be inverted.)

40006  
3

(Scotts) Lawn Insect  
Control