

AUG 15 1991

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

Dear Mr. Snyder:

Subject: Amendment - Revise label claims
Lawn Insect Control Plus Fertilizer
EPA Reg. No. 538-92
Your label submission dated April 15, 1991;
FAX transmission dated June 20, 1991; and
resubmission dated July 11, 1991

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 label:

- 1) As noted in the Final Order regarding the cancellation of diazinon use on golf courses and sod farms, the prohibition "This product must not be used on golf courses and sod farms" must appear at the top of the label (with the most liberal interpretation - within the top half of the label as printed) and should be clearly visible to the consumer. From the reduced copy of the actual product label that you FAXed to the Agency, it appears that the illustration currently occupies almost the entire top half of the label. It is unclear as to whether there is enough room above the illustration on the flat part of the bag that the consumer normally sees as the product is displayed in stores (usually in stacks) to allow repositioning of the prohibition to that location. The prohibition must be on the main panel, not on the top of the bag that is folded over and does not face the consumer when viewing the front of the bag. Alternatively, you could place the prohibition directly under the illustration (i.e., above the product name), or else slightly reduce the illustration coverage and place the prohibition directly under the product name, provided that location can be made to be in the top half of the label as printed. In any case, the type size and contrast to the background of the prohibition must be such that it is not likely to be overlooked by the consumer.

- 2) 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 by homeowners to the home yard and/or home garden or by commercial applicators only to home yards. You can clarify the intended use site for this product by addition of "For outdoor use on the home lawn" to the front panel. A good location for this addition would be in the current location of the golf course and sod farm prohibition, i.e., beneath "Corrects most lawn insect problems". If you choose to use your optional added text "For use on lawn and turfgrasses only", that text should appear following the home lawn use limitation (it may appear on the same line).
- 3) The Agency has now reviewed of 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% diazinon granular and their 5% diazinon granular, the Agency recommends the following revised version of the Hazards to Humans and Domestic Animals text based on that appearing on Ciba-Geigy's 2% diazinon granular label. 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 submit that data for Agency review (in particular, was there toxicology data to justify your change of precautionary text in June of 1983 to "Do not get in eyes, on skin or on clothing", language which would indicate Toxicity Category II for eye irritation and acute dermal toxicity?). You will note that a complete Statement of Practical Treatment is included in the revised text. The Agency had specified the addition of a complete Statement of Practical Treatment for this product in its letter to your company dated January 24, 1983, but only partial advice appeared on subsequent labeling. The revised Hazards to Humans and Domestic Animals section and the 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, the specific first aid advice for the various routes of exposure may be compressed into a running paragraph format, if label space is a problem, but in no case should this advice be separated from its heading or inserted into the middle of the Hazards to Humans 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 under the heading "Controls insects and feeds the lawn", correct "Bermuda mites" to "Bermudagrass mites."

- 6) It appears that the application rate for this product exceeds the maximum of 4 pounds of active ingredient per acre (regardless of the pest to be controlled) that was established (by Ciba-Geigy) as the maximum rate for lawn application of diazinon during the Cancellation Hearing for use of diazinon on golf courses and sod farms. For diazinon granular products identical or significantly similar to Ciba-Geigy formulations, the application rate can be calculated by dividing 10 by the percentage of the diazinon in the product to yield the pounds of product to be applied per 1,000 sq. ft. of lawn. Thus, for a 5% diazinon granular product the spreader settings are determined by finding the setting that will deliver $10/5 = 2$ lbs. per 1,000 sq. ft. of lawn. Labels for such products are now being revised so that the spreader setting table indicates "Spreader setting (to deliver 2 lbs. per 1,000 sq. ft.)" to aid consumers in correctly setting their lawn spreaders. For this product $10/3.6 = 2.78$ lbs. per 1,000 sq. ft. would mean that a 13.89 lb. bag would cover 5,000 sq. ft. of lawn. However, the label indicates that the 15 1/2 lb. bag covers 5,000 sq. ft. of lawn. Likewise, the same calculation would indicate that a 2.78 pound canister should cover 1,000 sq. ft. of lawn, while the submitted label indicates that a 3 1/2 lb. canister covers 1,000 sq. ft. of lawn. Does the current label result in application of more than 4 lbs. of active ingredient per acre (in which case the package contents or directions and claims would have to be modified) or are there some other considerations for this specific product of which the Agency should be made aware? In a related area, although the label spreader setting table advises the consumer "You may need to adjust for proper coverage" the only clue given is that the full bag should cover 5,000 sq. ft. of lawn. It might be useful to indicate the number of pounds of product that a correctly calibrated spreader delivers to cover 1,000 sq. ft. so that the consumer knows before the entire bag has been used as to whether it is being delivered at the correct rate. This

5 7 15

is extremely important now, given the evidence of avian toxicity of diazinon and since the label states "Do not exceed maximum permitted label rates. Application rates above those recommended significantly increase potential hazards to birds and waterfowl."

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.

Regarding your submission of a revised CSF showing nominal concentration, is the submitted CSF the basic formulation? Neither "Basic Formulation" nor "Alternate Formulation" was checked on the submitted CSF. Please confirm in writing that all previous CSFs are obsolete. No source(s) is(are) given for the solvent. This information must be provided. Please note that the EPA Reg. No. of the alternate source of active ingredient has changed due to a company transfer. Please contact your supplier, or this office, for the new EPA Registration Number. In several particulars, this latest CSF is not in agreement with the product specific chemistry data (MRID 41270001) that you submitted in response to the Diazinon Registration Standard. Please explain why the CSF indicates pH as "N.A." while the data indicates a pH of 5.6 to 5.7, and why the CSF shows a bulk density of 35 lbs/cu ft while the data indicates 39-42 lbs/cu ft. A revised CSF and associated cover letter addressing these deficiencies should be submitted as soon as possible. The discrepancies between the submitted product specific chemistry data and the CSF were also present on the CSF cited in your response to the Diazinon Registration Standard.

Sincerely yours,

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

6715

FRONT:

LAWN INSECT CONTROL
PLUS FERTILIZER
05/02/90 VS
04/11/91 VS/cr

(Scotts(R))
(Lawn Pro(R)) step™3

Treats 5,000 sq ft (Bag)
Treats 1,000 sq ft (Shaker Container)

(Scotts)
(Lawn Pro)
(R)

Scotts Best
Annual Program

ACCEPTED
with COMMENTS
in EPA Letter Dated:

AUG 15 1991

SCOTTS POLICY
No-quibble
Guarantee
SEE BACK FOR DETAILS

step™3

of 4 easy steps to
a better lawn

*Under the Federal Insecticide,
Fungicide, and Rodenticide Act as
amended for the pesticide
registered under FIFRA 1990, 1991,
538-92*

(ILLUS.)

Lawn Insect Control
Plus Fertilizer

Corrects most lawn insect problems

(OPTIONAL FRONT PANEL STATEMENT - For use on Lawn and Turfgrasses only)

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

NET WEIGHT 15 1/2 LBS (bag)

28-6-4

NET WEIGHT 3.1 LBS (Shaker Container)

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.

7 3 15

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 when disposing of equipment washwaters.

) STORAGE: Store in a clean, dry place. Reseal opened (container) or (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 (or container). Discard bag (or container) in trash.

ACTIVE INGREDIENT:

Diazinon [O,O-Diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate]. 3.60%

INERT INGREDIENTS: 96.40%
Total 100.00%

) EPA Reg No 538-92 EPA Est 538-OH-1
Lawn Insect Control plus Fertilizer 28-6-4

Guaranteed Analysis

Total nitrogen (N) 28%
1.3% ammoniacal nitrogen
17.3% urea, methylene ureas nitrogen
9.4% water insoluble nitrogen
Available phosphoric acid (P₂O₅) 6%
Soluble potash (K₂O) 4%

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

US Pat No 3,705,794 Other Pat Pend Product of USA

The O M Scott & Sons Company
Marysville, Ohio 43041

GUSSETS:

8 7 15

RIGHT GUSSET

(Scotts (R))

Lawn Insect Control
Plus Fertilizer

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

)
LEFT GUSSET

(Scotts (R))

Lawn Insect Control
Plus Fertilizer

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

)

GUSSETS:

9 7 15

RIGHT GUSSET

(Scotts (R))
(Lawn Pro)
(R)

Scotts Best
Annual
Program

step™3

SCOTTS POLICY
No-Quibble
Guarantee
SEE BACK FOR DETAILS

LEFT GUSSET

(Scotts (R))
(Lawn Pro)
(R)

Scotts Best
Annual
Program

step™3

SCOTTS POLICY
No-Quibble
Guarantee
SEE BACK FOR DETAILS

BACK PANEL:

10 } 15

PULL TAB
and remove for
pour spout
(ILLUS.)
Easy
Open PULL HERE

Treats 5,000 sq ft (Bag)
Treats 1,000 sq ft (Shaker Container)

(Scotts (R))
(Lawn Pro)
(R)

PROOF
OF
PURCHASE
(Scotts)

Scotts Best
Annual
Program

Now it's easy for you to have a better lawn

Save money

Start anytime

Why even consider a lawn care service? Scotts Annual Program will give you a beautiful lawn for about half (one-third) the cost.

You can start into the Annual Program anytime of the year. Just check the month and select the appropriate Step listed below.

Simple and easy

Guaranteed results

No more guesswork. You simply apply the right product - one Step at a time.

Each Step is designed for the specific season to help give you a greener lawn.

(ILLUS.)

(The 4 Steps listed below will be placed horizontally in one row.)

step™1. Early Spring February-April

Crabgrass Preventer plus Fertilizer - prevents crabgrass, foxtail, spurge, oxalis, chickweed and other annual weeds while providing deep, thick greening for up to 2 months. This is Scotts best fertilizer plus crabgrass preventer. In the Pacific Northwest, Step™ 1 is "Moss Control plus Lawn Fertilizer". For St. Augustinegrass, Step™ 1 is "Super Bonus S".

step™2 Late Spring April-June

Weed Control plus Fertilizer - controls dandelions, clover, chickweed and other broadleaf weeds while greening your lawn for up to 2 more months. This is Scotts best weed and feed. For St. Augustinegrass, Step™ 2 is "Super Turf Builder".

step™3. Summer June-August

Insect Control plus Fertilizer - controls white grubs, chinch bugs, sod webworms and other lawn insects plus keeps your lawn green through the Summer.

step™4. Fall August-November

Lawn Fertilizer - specially formulated for the Fall - the best time to develop a stronger root system for a more vigorous, thicker lawn. Helps your lawn green up even quicker next Spring. This is Scotts best fall fertilizer.

LEFT COLUMN:

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

Application

- . Water the lawn thoroughly, allow to dry, and then apply product.
- . Water lawn after application to wash granules from the lawn foliage. If treating for grubs, or mole crickets, water thoroughly so active ingredients will be carried into the root zone.
- . For best results on grub control, apply from mid-July through August.
- . Don't use on fruit or vegetable plantings.
- . Do not allow traffic on your lawn until it has dried.
- . Allow at least 4-6 weeks between program applications.
- . Some lawn situations may require a supplemental application of Scott Lawn Insect Control (without fertilizer). You may call Scotts Toll-free to ask about your lawn (see below).

OPTIONAL BACK PANEL AND DIRECTIONS FOR USE:

12 9 15

PULL TAB
and remove for
pour spout

Treats 5,000 sq ft

(Scotts(R)) Lawn Insect Control
Plus Fertilizer

PROOF
OF
PURCHASE
(Scotts)

(ILLUS.)

Easy
Open PULL HERE

Controls insects and feeds the lawn.

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)	brown dog ticks	Phyllophaga - May
chinch bugs	fleas	vegetable weevil	or June beetle)
clover mites	flea beetles	(in dichondra)	
crickets	(in dichondra)		

Directions for use

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

LEFT COLUMN

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 ingredients will be carried into the rootzone).

RIGHT COLUMN

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.)

Application Rate	Scotts Drop Spreaders	Scotts EasyGreen™ Rotary	Scotts SpeedyGreen™ Rotary
(treats 5,000 sq ft)	6	26	5

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

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

DON'T allow traffic on lawn after application until granules are watered off lawn foliage and lawn has dried.

DON'T use on fruit or vegetable plantings.

(The following instructions to be used on 5,000 sq ft bag only).

Tips on Spreading

Scotts Drop:

- . Treat entire lawn.
- . First apply 2 header strips. (ILLUS.) (ILLUS.)
- . Overlap spreader application area to avoid strips of untreated lawn.
- . Shut off spreader when you reach the header strip or any time you stop.

EasyGreen™ Rotary:

- . Slide shut-off lever to the right, application automatically starts and stops when you do.
- . Avoid misses by making each pass about 30 inches from the previous one so some overlapping occurs.

Speedy Green™ Rotary:

- . Shut off spreader anytime you stop.
- . Avoid misses by making each pass about 5 feet from the previous one so some overlapping occurs.

Scotts Spreader Settings

Scotts Drop* Spreader	6	Scotts EasyGreen™ Rotary	26	Scotts Speedy Green™	5
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Additional Spreader Settings (Non-Scotts spreader settings are approximate. You may need to adjust for proper coverage.)

Cyclone Rotary (Model B)	3 1/2
Central Drop (#205)	7
Sears Drop (#19810)	5
Ortho Drop (#5000)	6
Greenview Drop (Spread II)	3
Precision Drop	5
(Red Devil)	

(The following instructions to be used on 1,000 sq ft shaker container only).

APPLICATION RATE (Actual Size) contents of this package covers a
25 ft. by 40 ft. area (1,000 sq. ft.)

Picture of shaker carton	Use lightweight shaker carton to sprinkle evenly over lawn as shown.	Picture of dime
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If you have questions

We designed this Program to make having a better lawn as simple and easy as possible. But you may still have some questions about your lawn during the year. If so, you can contact the Scotts Lawn Pro retailer where you bought this Program. They are ready to answer your questions and provide any help or information that you may need. ~~OR~~ You can get the answers by talking directly with one of Scotts lawn counselors. Simply dial this toll-free number 1-800-543-TURF (in Ohio 1-800-762-4010).

**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.

SCOTTS...the lawn people
MARYSVILLE, OHIO 43041

0 (UPC)

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(Description below will be inverted.)

(Scotts (R))
(Lawn Pro) step™ 3
(R)