

MAY 18 1993

Ms. Cheryl Mulherin
Vigoro Industries, Inc.
2017 West Highway 50
P.O. Box 4139
Fairview Heights, Illinois 62208-0839

Subject: Revised Labeling--Avian Granular Policy
Ideal 25 Insect Control Plus Lawn Fertilizer
EPA Registration Number 557-1982
Your Submission Dated April 23, 1993

Dear Ms. Mulherin:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, is acceptable provided that you make the labeling change indicated below before you release the product for shipment bearing the amended labeling:

Revise the Environmental Hazard statement to read:

This pesticide is toxic to birds, fish, and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. For terrestrial uses, do not apply directly to water, or 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. Do not contaminate water when disposing of equipment washwaters.

Submit five (5) copies of your final printed labeling before you release the product for shipment.

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

Sincerely yours,

DHE

Dennis H. Edwards, Jr.
Product Manager (19)
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure

FRONT PANEL

Treats up to 5,000 sq. ft.

IDEAL 25
INSECT CONTROL PLUS
LAWN FERTILIZER

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 18 1993

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

377-1982

Controls Certain White Grubs, Chinch Bugs,
Brown Dog Ticks, Cutworms and other insects
in lawns and turfgrasses.

Keeps grass green longer with fewer clippings
when compared with soluble fertilizers.

Contains the controlled-release nitrogen used on
70 of America's top 100 golf courses.

ACTIVE INGREDIENT

Chlorpyrifos (0,0-diethyl-0-(3,5,6-trichloro-2-pyridyl)
phosphorothioate..... 0.46%

INERT INGREDIENTS.....99.54%

U.S. Patent No. 3,244,586

EPA Reg. No. 557-1982

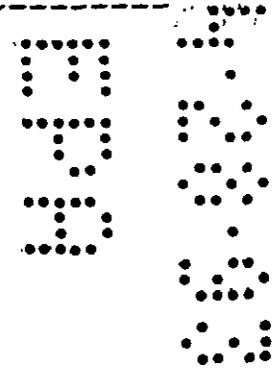
EPA Est. No. 557-FL-1

KEEP OUT OF REACH OF CHILDREN
CAUTION

STATEMENT OF PRACTICAL TREATMENT

If on skin: Wash with soap and water.
If in eyes: Flush with plenty of water.
See back panel for additional precautionary
statements.

NET WT. 25 LBS. (11.3 kg)



REAR PANEL

NET WT 25 LBS. (11.3 kg)

Treats up to 5,000 sq. ft.

IDEAL 25

INSECT CONTROL PLUS
LAWN FERTILIZER

BEST AVAILABLE COPY

16-2-6

GUARANTEED ANALYSIS

Total Nitrogen (N).....	16.0%
8.0% Ammoniacal Nitrogen	
6.0% Urea Nitrogen*	
2.0% Water Insoluble Nitrogen	
Available Phosphoric Acid (P ₂ O ₅).....	2.0%
Soluble Potash (K ₂ O).....	6.0%
Magnesium (Mg).....	1.0%
1.0% Water Soluble Magnesium (Mg)	
Sulfur (S).....	10.5%
1.5% Sulfur, free (S)	
9.0% Sulfur, combined (S)	
Iron (Fe).....	1.0%

Derived from ammonium phosphate, ammonium sulfate, sulfur coated urea, isobutylidene diurea, sulfate of potash-magnesia, muriate of potash and iron oxide.

*6.0% slowly available urea nitrogen from sulfur coated urea.

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS AND DOMESTIC ANIMALS
CAUTION**

Avoid contact with skin, eyes, or clothing. Avoid breathing dust. Wash thoroughly after handling. Wash contaminated clothing before reuse. Harmful if swallowed. Do not take internally. Keep children and pets off treated areas until product is washed into the soil and grass is dry.

Note to Physicians: Chlorpyrifos is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

ENVIRONMENTAL HAZARD

Do not apply directly to water. Keep out of lakes, streams or ponds. Do not apply where run-off is likely to occur. This product is toxic to fish, birds and other wildlife. Do not contaminate any body of water by cleaning of equipment or disposal of wastes. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

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

LAWN AND TURF AREAS: To control Chinchbugs, Sod Webworms, Ants, Brown Dog Ticks, Crickets, Cutworms, Earwigs, Grasshoppers and Sowbugs (Pillbugs), apply the contents of this bag uniformly over 5,000 sq. ft. using the spreader setting shown below, followed IMMEDIATELY by thorough watering to carry the active ingredient into the zone of insect infestation.

REAR PANEL (DIRECTIONS FOR USE CONT.)

To control certain white grubs (larvae of European Chafer and Japanese Beetle), apply the contents of this bag uniformly over ~~9,000 sq. ft.~~ using the spreader setting shown below, followed IMMEDIATELY by thorough watering. For best results, treat when grubs are young and actively feeding near the soil surface, usually during late July and August. Consult your local Agricultural Extension Service specialist for best time to treat your area. ~~When high populations of grubs are present in the area to be treated, a repeat application may be made 4 to 6 days following the initial application.~~

Broadcast Spreader Settings

For best results, apply in a circular path starting on the outside and working toward center. A little overlap of product will insure complete coverage.

SPREADER	25 lbs/5,000 sq ft	25 lbs/2,500 sq ft
Central Broadcast 600	4 3/4	5 1/4
Cyclone	4 1/2	5
Ortho Broadcast 6000	3 1/2	4 1/4
Precision Broadcast	4 1/2	5
Scotts Broadcast ERZ	G	H - I
Sears Broadcast	4 3/4	5

Drop Spreader Settings

First, apply 2 border strips along the edge of each end of the lawn. Then apply product along the length of the lawn, overlapping slightly, and shutting off spreader before turning as you reach the edge of the border strips.

SPREADER	25 lbs/5,000 sq ft	25 lbs/2,500 sq ft
Central Drop 550	11	12 1/2
Greenview Drop	9	11
Ortho Drop 5000	8	9
Precision Drop FH22	10	12
Scotts Drop PF-1	7	8
Sears Drop	11	12 1/2

Note: Spreader rate varies with walking speed, check spreader over known area. Close spreader openings when loading, turning on when stopped. Hand spreading is not recommended. Clean spreader after each use. Remove spillage promptly by sweeping.

Approximately 4 weeks after initial treatment with product, an application of 16% or higher nitrogen fertilizer should be made at a rate of 6 lbs per 1,000 sq. ft. and watered in well.

6 7
REAR PANEL

Storage: Store in original container in safe, dry place.
Do not contaminate other pesticides, fertilizer, seeds, food
or feed. Return spillage to original container prior to
disposal.

Product Disposal: Securely wrap original container in several
layers of newspaper and discard in trash.

Container Disposal: Do not reuse bag. Discard bag in trash.

Manufactured by Vigoro Industries, Inc., Fairview Heights, IL 62208.