

P/1 19 557-1964  
12/1/93

**MAY 19 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  
Vigoro Insect Control  
Plus Lawn Fertilizer for Texas Turf  
EPA Registration Number 557-1964  
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 changes indicated below before you release the product for shipment bearing the amended labeling:

1. Revise the Environmental Hazards 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.

2. In the Directions for Use for the control of "certain white grubs," you have not included spreader settings for covering 3,000 square feet. You may either change the directions to read "...apply the contents of this bag uniformly over 2,000 sq. ft..." or you may add spreader settings appropriate to cover 3000 square feet.

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



**16-4-8**  
Treats up to  
4000 SQ.FT

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

**BEST AVAILABLE COPY**

MAY 19 1993

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
1257-1964

# VIGORO

## INSECT CONTROL PLUS LAWN FERTILIZER FOR TEXAS TURF

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



WHITE GRUB



SOD WEBWORMS



CHINCHBUGS



CRICKETS



EARWIGS



CUTWORMS



BROWN DOG TICKS



ANTS



SOWBUGS (Pillbugs)

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.

ACTIVE INGREDIENT

Chlorpyrifos (2,0-dichloro-1-O-ethyl-3-O-ethyl-6-nitro-2-pyridyl) phosphorothioate 0.23%

INERT INGREDIENTS

99.77%

Total 100.00%

U.S. Patent No. 3,244,588  
EPA Reg. No. 1057-1064

EPA Est. No. 857-A-1

**VIGORO**

NET WT. 40 LBS. (18.18 kg)

**BEST AVAILABLE COPY**

Treats up to 4000 SQ FT  
VIGORO  
INSECT CONTROL PLUS  
LAWN FERTILIZER  
FOR TEXAS TURF  
16-4-8

**GUARANTEED ANALYSIS**

TOTAL NITROGEN (N)	16.0%
16.0% Ammoniacal Nitrogen	
AVAILABLE PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> )	4.0%
SOLUBLE POTASH (K <sub>2</sub> O)	8.0%

Derived from ammoniated phosphates, ammonium sulfate and muriate of potash.

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

**CAUTION**

Avoid contact with skin, eyes or clothing. Avoid breathing of dust. Wash thoroughly after handling. Wash contaminated clothing before re-use. 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 Physician: 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.

**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 4,000 sq. ft. using the spreader setting shown below, followed IMMEDIATELY by thorough watering to carry the active ingredient into the zone of insect infestation.

To control certain white grubs (larvae of European Chafer and Japanese Beetle), apply the contents of this bag uniformly over 2,000-3,000 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 in your area. When high populations of grubs are present in the area to be

treated, a repeat application may be made 7 to 14 days following the initial application.

### SPREADER SETTINGS

SPREADER	Setting	Setting
	40 lbs/4,000 sq ft	40 lbs/2,000 sq ft
Vigoro Rotary	6 1/4	7 1/2
Vigoro Drop	7 1/4	9 1/2
Cyclone	6 1/4	7 1/2
Sears	7 1/4	9 1/2
Scotts PF-1	8	11
Precision 20C	9	12

NOTE: Spreader rate varies with walking speed and condition of spreader. Check spreader over measured area and adjust, if necessary, to apply correct amount. Remove spillage promptly.

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.

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 re-use bag. Discard bag in trash.

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