

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 Granular Chinch Bug Control
EPA Registration Number 557-1865
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 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.

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 2000 sq. ft.

VIGORO®
GRANULAR
CHINCH BUG
CONTROL

ACCEPTED
with COMMENTS
in EPA Letter Dated

MAY 19 1993

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

557-1865

Controls Fire Ants*, Chinch Bugs, Sod Webworms (Lawn Moths) Ants, Brown Dog Ticks, Crickets, Fleas, Cutworms, Earwigs, Sowbugs (Pillbugs), and Certain White Grubs** Infesting Home Lawns and Other Ornamental Turf Areas.

ACTIVE INGREDIENT:

Chlorpyrifos [0,0-diethyl-0-(3,5,6-trichloro-2-pyridyl) phosphorothioate] 0.5%

INERT INGREDIENTS: 99.5%

Total 100.0%

E.P.A. Reg. No. 557-1865
E.P.A. Est. No. 34874-TX-1

KEEP OUT OF
REACH OF CHILDREN

CAUTION

See additional precautionary statements
on back panel.

NET WEIGHT 10 LBS.

REAR PANEL

NET WEIGHT 10 LBS.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS & DOMESTIC ANIMALS

CAUTION - Harmful if swallowed. Do not take internally. Avoid eye contact. Wash thoroughly after handling. Wash contaminated clothing before reuse. Keep away from food, feedstuffs, and domestic water supplies. Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Call a physician immediately. Do not induce vomiting or give anything by mouth to an unconscious person.

IF INHALED: Remove victim to fresh air. Apply respiration if indicated.

IF ON SKIN: Remove contaminated clothing and wash affected areas with soap and water.

IF IN EYES: Flush eyes with plenty of water and get prompt medical attention.

NOTE TO PHYSICIAN - Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine is an antidote.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Do not apply directly to water. Do not apply where runoff is likely to occur. Do not contaminate 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.

Apply product uniformly to home lawns and other ornamental and recreational turfgrass areas using any hand or power operated gravity or rotary type spreader designed for application of granular materials. Treat when insects first appear, using product at the rate of 5 pounds per 1,000 sq. ft. To help obtain uniform distribution, apply one-half the required amount of product in one direction; then apply the balance at a right angle. Immediately after application, sprinkle the turf with 30 gallons of water per 1000 sq. ft. so as to wash the granules into the zone of insect infestation. Consult the following table to determine amounts of product and water needed for small sized areas. Retreat as necessary.

BEST AVAILABLE COPY

REAR PANEL (Cont'd)

RATES TO USE

Areas to be Treated	Pounds of Product	Gals. of Water to Sprinkle on Turf after Treatment
1,000 sq. ft.	5	30
5,000 sq. ft.	25	150
10,000 sq. ft.	50	325

*Fire Ant Mounds: To control fire ants apply 4 ounces to each mound. After application of granules, sprinkle the mound with one gallon of water. For best results, apply in cool weather, 65-80° F, or in early morning or late evening hours. Treat new mounds as they appear.

**To control certain white grubs (larvae of European chafer and Japanese beetle) use two times the amounts of product shown in the table, i.e., 10 pounds per 1,000 sq. ft. Apply the granules uniformly over the area treated followed immediately by thorough watering to wash the insecticide into the turf. 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 proper time to treat in your area. When high populations of grubs are present in the area to be treated a repeat application of 10 pounds per 1,000 sq. ft. may be made 7 to 14 days following the initial application.

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.

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