



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

SEP 13 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

WILLARD F. CUMMINGS  
UNIROYAL CHEMICAL COMPANY  
74 AMITY ROAD  
BETHANY CT. 06524

Subject: Label Amendment Submission of 7/27/93 Response to PR Notice 93-7  
EPA Reg. No. 400-156  
VITAVAX POUR-ON FLOWABLE FUNGICIDE

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



**Recycled/Recyclable**  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

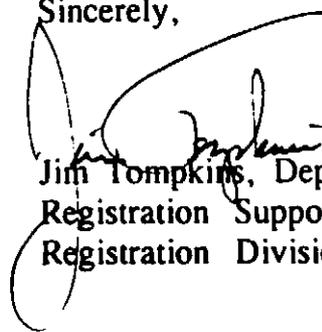
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division

Willard F Cummings  
UNIROYAL CHEMICAL CO INC  
74 AMITY RD  
BETHANY CT 06524

Comment for: EPA Reg Nr.400-156  
VITAVAX POUR-ON FLOWABLE FUNGICIDE

The following specific comments pertain to your WPS  
labeling submission concerning the product  
cited above:

Correct the typographical errors circled on your proposed  
label.

# FLOWABLE FUNGICIDE

**UNIROYAL  
CHEMICAL**

REPLACEMENT  
with COMMENTS  
In EPA Letter Dated

MAR 18 1994

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

400-156

## COMPOSITION

Active Ingredients: (% by weight)	
Carboxin (5,6-dihydro-2-methyl-N-phenyl-1, 4-oxathiin-3-carboxamide) .....	5.7%
Thiram (tetramethylthiuram disulfide) .....	5.7%
Inert Ingredients .....	88.6%
Total: .....	100.0%

This product contains the toxic inert ingredient Rhodamine B dye.

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749  
EPA REG. NO. 400-156  
EPA EST. NO.

002WPS

## NET WEIGHT

### KEEP OUT OF REACH OF CHILDREN CAUTION

#### STATEMENT OF PRACTICAL TREATMENT

**IF IN EYES:** Immediately flush eyes with plenty of water. See a physician.

**IF SWALLOWED:** Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger or blunt object. Do not induce vomiting or give anything by mouth to an unconscious person.

**IF INHALED:** See a physician if an abnormal reaction occurs.

**IF ON SKIN:** Wash thoroughly with soap and water.

#### PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS CAUTION

Causes eye and skin irritation. Harmful if swallowed, inhaled, or absorbed through skin. Do not get in eyes, on skin, or on clothing. Do not use or store near food or feed. Avoid inhaling spray mist. Consumption of alcoholic beverages increases the toxic effects of thiram.

#### PERSONAL PROTECTIVE EQUIPMENT

**Applicators and Other Handlers Must Wear:** A long-sleeved shirt & long pants; waterproof gloves; shoes plus socks; protective eyewear. For exposures in enclosed areas: A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G). For exposure outdoors: Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handlers use closed systems in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified by WPS.

#### USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

#### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate water when disposing of equipment washwaters. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water.

#### PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame.

**BEST AVAILABLE COPY**

with its labeling.  
Do not apply this product through any type of irrigation system.  
Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

#### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 24 hours.

Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- coveralls
- waterproof gloves
- shoes plus socks
- protective eyewear

VITAVAX POUR-ON Flowable Fungicide is a ready-to-use seed treatment. VITAVAX POUR-ON Flowable Fungicide combines the systemic action of carboxin with the surface action of thiram to control various seed and seedling diseases.

Mix well before use: Apply VITAVAX POUR-ON Flowable Fungicide directly to seed in hopper box. Partially fill hopper box with a premeasured amount of seed. Apply the proper amount of VITAVAX POUR-ON Flowable Fungicide evenly over the surface of the seed. Mix with a stick or paddle until a uniform color is imparted to all seed. Repeat procedure until hopper box is filled.

For mechanical seed treaters apply VITAVAX POUR-ON Flowable Fungicide at a dosage of twelve fl. oz. per 100 pounds of seed directly to a premeasured amount of seed and mix thoroughly until all seed have a uniform color.

#### SOYBEANS AND DRY BEANS

For control of *Rhizoctonia solani*, use 6 fl. oz. of VITAVAX POUR-ON Flowable Fungicide per bushel of seed or 12 fl. oz. per 100 pounds of seed. On soybeans do not graze or feed livestock on forage and hay on treated areas. On dry beans, do not allow livestock to graze or feed on bean forage until 60 days after treated seed is planted.

#### RICE

VITAVAX POUR-ON Flowable Fungicide is particularly effective against *Rhizoctonia solani* and *helminthosporium oryzae*.

Use 9-12 fluid ounces of VITAVAX POUR-ON Flowable Fungicide per 100 pounds of seed applied as a pour-on treatment or by machine. The higher rate is recommended for control of *Helminthosporium oryzae*.

ing diseases:

- Barley - loose smut (*Ustilago nuda*)  
covered smut (*U. hordei*)
- Oats - loose smut (*U. avenae*)  
covered smut (*U. kolleri*)
- Wheat - loose smut (*U. tritici*)  
common bunt (*Tilletia caries*)

Triticale - seed decay, damping off, and seedling blight.

Use at the rate of 9-12 fluid ounces per 100 pounds of seed as a pour on treatment. Uniform coverage is essential for product performance. Use the higher rate under conditions of expected heavy disease pressure. Do not graze or feed livestock on treated areas for six weeks after planting.

#### COMPATIBILITY

VITAVAX POUR-ON Flowable Fungicide should not be tank mixed with any pesticide unless adequate physical compatibility and phytotoxicity tests have been completed and proved to be satisfactory.

#### USE RESTRICTIONS

This product contains a dye which imparts an unnatural color to the seed to help prevent the inadvertent use of treated seed for oil purposes or as food for man or feed for animals. Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

#### SEED LABELING

"This seed is treated with carboxin and thiram (VITAVAX POUR-ON Flowable Fungicide) at the manufacturer's recommended rate. Do not use treated seed for food, feed or oil purposes. On oats, barley, wheat and triticale, do not graze or feed livestock on treated areas for six weeks after planting. On soybeans, do not graze or feed livestock on forage and hay in treated areas. On dry beans, do not allow livestock to graze or feed on bean forage until 60 days after treated seed is planted." Add appropriate information for any other chemical treatments.

#### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture or rinsate is a violation of Federal Law. If these wastes cannot be disposed of according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

**IMPORTANT NOTICE** - Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

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