

6.19

ROTATIONAL CROP RESTRICTIONS

The following rotational crops may be planted after applying DETAIL CP at recommended rates in soybeans:

<u>CROP</u>	<u>Rotational Interval</u>
Soybeans	No restrictions
Wheat	4 months
Rice	Spring following DETAIL CP application
Barley	11 months
Field Corn	11 months ¹
Edible Beans	11 months
Grain Sorghum	11 months
Oats	11 months
Peanuts	11 months
Tobacco	11 months
Sugar Beets	26 months
Other Crops	18 months

¹ Field corn may be planted in the spring of the year following DETAIL CP application unless extreme drought conditions develop (less than 15 inches of rainfall or irrigation is received within 6 months following the date of last application)

Only rotational crops harvested at maturity may be used for feed or food

Use of DETAIL CP herbicide in accordance with label directions is expected to result in normal growth of rotational crops in most situations, however, various environmental and agronomic factors make it impossible to eliminate all risks associated with the use of this product and, therefore, crop injury, is always possible.

Except where stated on a Supplemental Label or in this label, DO NOT apply products containing chlorimuron ethyl (e.g. Classic, Canopy⁴, Gemini⁴, Lorox Plus⁴, Preview⁴, etc.) or imazaquin (SCEPTER, SCEPTER 70DG, SQUADRON[®], TRI-SCEPT[®], SCEPTER O.T.) the same year as DETAIL CP. DO NOT apply products containing imazethapyr (e.g. PURSUIT, PURSUIT[®]PLUS or PASSPORT[®]) the same year as DETAIL CP

In the event of a crop loss due to weather conditions, soybeans can be replanted. DO NOT work the soil deeper than 2 inches

DO NOT graze or feed treated soybean forage, hay or straw to livestock

⁴ Registered Trademarks of E.I. du Pont de Nemours and Company

[®]Registered Trademarks of American Cyanamid Company



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

MAR 25 1995

Mr. Willard F. Cummings
Uniroyal Chemical Company, Inc.
74 Amity Road
Bethany, CT 06524-3402

Subject: Label Amendment Submission of 3/15/94 in Response to PR
Notice 93-7
EPA Reg. No. 400-112
Vitavax-200 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**. 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:

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.

10/5'

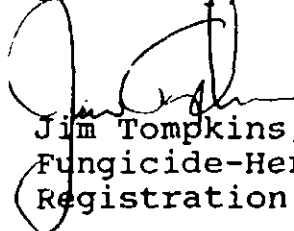
Submit the final printed labeling via the U.S. Postal Service to:

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
Fungicide-Herbicide Branch
Registration Division (7505C)

Attachment

VITAVAX®-200

FLOWABLE FUNGICIDE
(VITAVAX WITH THIRAM)



ACCEPTED
with COMMENTS
In EPA Letter Dated

APR 25 1995

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

400-112

COMPOSITION

Active Ingredients: (% by weight)	
Carboxin (5,6-dihydro-2-methyl-N-phenyl-1, 4-oxathiin-3-carboxamide*	17.0%
Thiram (tetramethylthiuram disulfide)	17.0%
Inert Ingredients	66.0%
Total:	100.0%

Contains 1.67 pounds of carboxin and 1.67 pounds thiram per U.S. gallon.

This product contains the toxic inert ingredient Rhodamine B dye.

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749
EPA REG. NO. 400-112
EPA EST. NO.

WPS
CC-1

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. 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.

SYMPTOMS OF POISONING: No specific symptoms. Acute poisoning is accompanied by general depression and illness. Consumption of alcoholic beverages with exposure to Thiram may cause flushing, breathing difficulty, nausea, vomiting and low blood pressure. In case of poisoning, call a physician immediately. Have patient lie down and keep quiet.

NOTE TO PHYSICIAN: No specific antidote is available. Treat symptomatically. In the presence of consumed alcohol, thiram responds similarly to Disulfiram.

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. 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, to area where surface water is present, or to intertidal areas below the mean high water mark.

PHYSICAL OR CHEMICAL HAZARDS

Do not use or store near heat or open flame

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent 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

SEED TREATMENT: VITAVAX-200 Flowable Fungicide is a ready-to-use seed treatment. Application should be made using standard mechanical, slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to insure seed safety and best disease control. Seed should be sound and well cured prior to treatment.

With high seed temperatures and when treating at low relative humidity, dilution with clean water will assist in achieving adequate seed coverage. Do not exceed 4 parts water per 1 part product. Dilution of product requires mechanical agitation.

COMPATIBILITY: VITAVAX-200 Flowable Fungicide should not be tank mixed with any pesticide or additive unless adequate physical compatibility and phytotoxicity tests have been completed and proved to be satisfactory.

GENERAL: VITAVAX-200 Flowable Fungicide combines the systemic action of carboxin with the surface action of thiram to reduce seed rot/seedling blight diseases. It is particularly effective against *Rhizoctonia solani* and shows good activity against various *Helminthosporium*, *Fusarium*, and *Pythium* species. This often results in increased and more uniform stands of seedlings with higher yield potential. Use the higher rate under conditions of expected heavy disease pressure.

BARLEY, WHEAT AND OATS

In addition to the above, loose smut (*Ustilago nuda*), and covered smut (*Ustilago hordei*), are controlled in barley and loose smut (*Ustilago tritici*), and common bunt (*Tilletia caries*) are controlled in wheat by VITAVAX-200 Flowable fungicide.

Use 3-4 fluid ounces of VITAVAX-200 Flowable Fungicide per 100 pounds of seed. VITAVAX-200 Flowable Fungicide should be applied as a slurry treatment by machine.

RICE

VITAVAX-200 Flowable Fungicide is particularly effective against *Rhizoctonia solani* and *Helminthosporium oryzae* in rice. Use 3-4 fluid ounces of VITAVAX-200 Flowable Fungicide per 100 pounds of seed applied as a slurry treatment by machine. The higher rate is recommended for control of *Helminthosporium oryzae*.

SOYBEANS

Use 2 fluid ounces of VITAVAX-200 Flowable Fungicide per bushel of seed or 4 fluid ounces per 100 pounds of seed. VITAVAX-200 Flowable Fungicide should be applied as a slurry treatment by machine.