



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 2/8/94 in Response to PR
Notice 93-7
EPA Reg. No. 400-438
Vitavax Extra 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.

1995

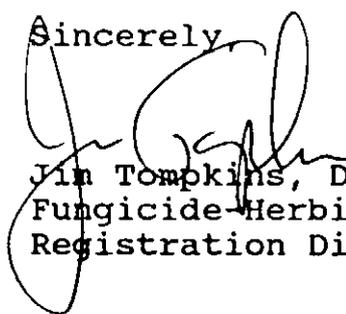
Submit the final printed labeling via the U.S. Postal Service to:

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[®]-EXTRA

FLOWABLE FUNGICIDE

VITAVAX-EXTRA contains three active ingredients, carboxin, imazalil, and thiabendazole.



ACCEPTED
with COMMENTS
In EPA Letter Dated

MAR 25 1995

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

460-438

COMPOSITION

Active Ingredients: (% by weight)	
Carboxin: 5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiazin-3-carboxamide	27.8%
Imazalil: 1-[2-(2,4-dichlorophenyl)-2-(2-propenyloxy)-ethyl]-1H-imidazole	2.0%
Thiabendazole: 2-(4-Thiazolyl)-benzimidazole	2.5%
Inert Ingredients	67.7%
Total:	100.0%

Contains 2.5 pounds carboxin, 0.17 pounds of imazalil, and
0.21 pounds of thiabendazole per U.S. gallon.

005
WPS

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749
EPA REG. NO. 400-438
EPA EST. NO.

VITAVAX is a Registered Trademark of Uniroyal Chemical Company, Inc.
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Contains imazalil, a product of Janssen Pharmaceutica N.V., Beerse, Belgium

NET WEIGHT

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

- IF ON SKIN:** Wash thoroughly with plenty of soap and water. Get Medical Attention.
IF SWALLOWED: Call a physician or Poison Control Center. 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: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get Medical Attention.
IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. Avoid breathing vapor or spray mist. Causes moderate eye irritation. Avoid contact with skin, eyes, or clothing.

PERSONAL PROTECTIVE EQUIPMENT

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for Category E on an EPA chemical resistance category selection chart.

Applicators and Other Handlers Must Wear: A long-sleeved shirt & long pants; chemical-resistant gloves such as barrier laminate, or nitrile rubber, or neoprene rubber, or viton; shoes plus socks.

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. Do not apply directly to water, to areas where water is present or to intertidal areas below the mean high water mark. Dispose of excess treated seed by burial, away from bodies of water.

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 intervals. 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 48 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
- chemical resistant gloves such as barrier laminate or nitrile rubber, or neoprene rubber, or viton
- shoes plus socks

SEED TREATMENT: VITAVAX-EXTRA 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-EXTRA 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-EXTRA Flowable Fungicide combines the systemic action of carboxin, thiabendazole and imazalil to reduce seed rot/seedling blight diseases. It is particularly effective against *Rhizoctonia solani* and various *Helminthosporium* and *Fusarium*, species. This often results in increased and more uniform stands of seedlings with higher yield potential.

WHEAT

In addition to the above, seed borne net blotch and *Septoria nodorum*, and loose smut (*Ustilago tritici*), and common bunt (*Tilletia caries*) are controlled in wheat. VITAVAX-EXTRA Flowable Fungicide provides protection against the seed and soil borne phases of the common root-rot disease complex.

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