



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460
DEC 9 1993

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

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

Subject: Label Amendment Submission of 07/16/93 in Response to PR Notice 93-7
EPA Reg. No. 400-152
VITAVAX-3F 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.



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

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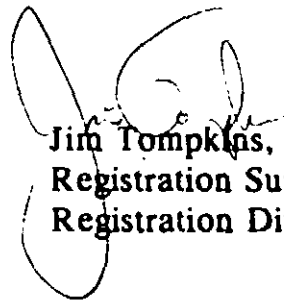
Submit the final printed labeling via the U.S. Postal Service to:

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

VITAVAX®-3F

FUNGICIDE

**UNIROYAL
CHEMICAL**

3 2 4
ACCEPTED
with COMMENTS
In EPA Letter Dated

DEC 9 1993

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

400-152

COMPOSITION

Active Ingredients: (% by weight)
Carboxin (5,6-dihydro-2-methyl-N-phenyl-1, 4-oxathiin-3-carboxamide) 34.0%
Inert Ingredients 66.0%
Total: 100.0%

Contains 3.34 pounds of active Carboxin per gallon.

This product contains the toxic inert ingredient Rhodamine B dye.

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749
EPA REG. NO. 400-152
EPA EST. NO.

001WPS

NET WEIGHT

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

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

IF IN EYES: Immediately flush eyes with plenty of water and get medical attention.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS

CAUTION

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 or enclosed cabs 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 product is toxic to fish. Do not apply directly to water. Do not contaminate water when disposing of equipment washwaters. Exposed treated seeds may be hazardous to birds and other wildlife. Dispose of all treated seeds by burial away from lodges of water.

PHYSICAL or CHEMICAL HAZARDS

Do not use or store near heat or open flame.

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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 12 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

VITAVAX-3F Fungicide is a ready-to-use seed treatment which should be applied as a slurry treatment by machine. Use the higher rate under conditions of expected heavy disease pressure.

BARLEY, WHEAT AND OATS

For the control of loose smut (*Ustilago nuda*), covered smut (*Ustilago hordei*), of barley, loose smut (*Ustilago avenae*), covered smut (*Ustilago kollerii*), of oats, loose smut (*Ustilago tritici*) and common bunt (*Tilletia caries*) of wheat. Use at the rate of 2 - 3 ounces per 100 pounds of seed.

CORN

VITAVAX-3F Fungicide controls seed and seedling diseases and provides systemic control of seedborne head smut (*Sphacelotheca reiliana*). VITAVAX-3F Fungicide is also particularly effective against *Rhizoctonia solani*. VITAVAX-3F Fungicide should be used at the rate of 2 to 4 ounces per 100 pounds of seed when applied to seed that has been treated or will be treated with protectant fungicides such as captan or thiram.

COTTON

VITAVAX-3F Fungicide controls seed rots and provides systemic control of seedling disease of cotton. Seed rot, damping-off and sore-shin due to *Rhizoctonia solani* are prevented. VITAVAX-3F Fungicide may be used on both machine and acid delinted cottonseed. Use 3 - 8 ounces of VITAVAX-3F Fungicide per 100 pounds of seed. VITAVAX-3F Fungicide can be used on seed previously treated or to be treated with other seed treatment fungicides, such as captan or thiram, or seed treatment insecticides, such as Disyston or Thimet.

COMPATIBILITY

VITAVAX-3F Fungicide can be used in combination with Gustafson's

CAPTAN 30-DD and CAPTAN-300 or Gustafson's 42-S flowable seed protectants. All other tank mixes should be pre-tested to determine physical compatibility between formulations, and to assure there will be not adverse phytotoxic reactions.

FOR CORN SEED ONLY

VITAVAX-3F Fungicide may be tank mixed with the following registered pesticides: Orthocide* 75 Seed Protectant, Orthocide* Methoxychlor 75-3 Seed Protectant, Captan 80 Seed Protectant, Captan Methoxychlor 75-2 Seed Protectant, and Cythion** 8-F. Do not allow mixtures to stand overnight. Thoroughly clean equipment between treating operations.

*Orthocide® trademark of Chevron Chemical Company.

**Cythion® trademark of American Cyanamid.

Observe all cautions and limitations on labeling of all products used in mixture with this product only as specified on this label.

USE RESTRICTIONS

When using formulations that do not contain dye, to comply with 21 CFR Chapter 1, Section 2.25, all grain seed treated with an economic poison must be colored with an approved dye (40 CFR 180.1001) to distinguish and prevent subsequent and inadvertent use 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. Do not graze or feed livestock on treated areas for six weeks after planting.

SEED LABELING

"This seed is treated with carboxin (VITAVAX-3F Fungicide) at the manufacturer's recommended rate. Do not use treated seed for food, feed or oil purposes. On corn, barley and wheat, do not graze or feed livestock on treated areas for six weeks after planting." Add appropriate information for any other chemical treatments.

STORAGE AND DISPOSAL

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

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved wastes disposal facility.

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.

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