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

JAN 20 1998

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Willard F. Cummings  
U.S. Registration Manager  
Uniroyal Chemical Co., Inc.  
74 Amity Road  
Bethany, CT 06524-3402

SUBJECT: Review of Labeling Amendment: Minor Revisions  
Vitavax®-200 Flowable Fungicide  
EPA Reg. No. 400-112  
Your Letter Dated October 31, 1997

Dear Mr. Cummings:

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable. A stamped copy is enclosed for your records. Please submit one (1) copy of your final printed labeling before you release the product for shipment.

If you have any questions, then please contact Terri Stowe of my staff at (703) 305-6117

Sincerely,

*Mary L. Waller*

Mary L. Waller  
Acting Product Manager (21)  
Fungicide Branch  
Registration Division (7505C)

Enclosure



## 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 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.

## COTTON

VITAVAX-200 Flowable Fungicide provides systemic control of seed and seedling diseases of cotton. Seed rot, damping off and scorch due to *Rhizoctonia solani* are reduced. VITAVAX-200 Flowable Fungicide can be used on both machine and acid delinted cottonseed at the rate of 6.4 to 8 fl. oz. per 100 pounds of seed. VITAVAX-200 Flowable Fungicide should be applied as a slurry treatment by machine.

## USE RESTRICTIONS

Do not use treated seed for food, feed or oil purposes. Do not graze or feed livestock on treated areas for six weeks after planting. Care must be exercised in the handling of treated seed. Do not graze or feed livestock on vines grown from treated seed.

## USE PRECAUTION

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 a food for man or feed for animals.

## SEED LABELING

1. "This seed is treated with carboxin and thiram (VITAVAX-200 Flowable Fungicide) at the manufacturer's recommended rate. Do not use treated seed for food, feed or oil purposes." Add appropriate information for any other chemical treatments. Consult the manufacturer for additional tagging requirements.
2. "Planting Note: Seed treated with VITAVAX-200 Flowable Fungicide does not flow as freely as untreated seed. The drill should therefore be adjusted to compensate for this restricted flow to prevent lower than desired seed rates."
3. "Augers used for handling treated seed should not be used to move seed for feed, food or oil processing."
4. "Do not re-use bags from treated seed to handle food or feed products."

### EMERGENCY ASSISTANCE:

UNIROYAL CHEMICAL EMERGENCY PHONE	203-723-3670
SAFETY DATA AND INFORMATION	203-573-3303
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300

### NOTICE - READ CAREFULLY LIMITED WARRANTY STATEMENT

Treatment of highly mechanically damaged seed or seed of known low vigor and poor quality, except for the purposes of curative control of existing disease of insect pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Uniroyal, no claims are made to guarantee germination of carry-over seed.

Uniroyal warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the label only when used in accordance with directions

and instructions specified on the label. Uniroyal neither makes, nor authorizes any agent or representative to make any other warranty of FITNESS or MERCHANTABILITY, guarantee or representation, expressed or implied, concerning this material. In the event of any breach of this limited warranty, Uniroyal shall not be liable for consequential damages.

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### STORAGE AND DISPOSAL

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

**STORAGE:** Store in a cool, dry location. Do not store in direct sunlight. Protect from extreme temperatures.

**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 by use 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:

**Plastics & Returnables** — Contact Gustafson or your chemical supplier for container return instructions. If container is not returned in accordance with instructions, triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

**Metal** — 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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