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**Yellow - Applicant Copy**

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NOTIFICATION  
MAR 28 2003

# Vitavax®-3F *Fungicide*

Net  
Contents:

Active Ingredient: (% by weight)  
Carboxin (5,6-dihydro-2-methyl-N-phenyl-1,  
4-oxathiin-3-carboxamide) ..... 34%  
Inert Ingredients: ..... 66%  
Total: ..... 100%

Contains 3.34 pounds of active Carboxin per gallon.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

## FIRST AID

**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.

EPA REG. NO. 400-152  
EPA EST. NO.  
003CM

Crompton Manufacturing Company, Inc.  
Middlebury, CT 06749

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**Crompton**  
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**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, to areas where surface water is present or to intertidal areas below the mean high water mark. 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 bodies of water.

**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 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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**Uniroyal Chemical**

February 25, 2003

Document Processing Desk (NOTIF)  
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U.S. Environmental Protection Agency  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, Virginia 22202

Attention: Ms. Mary Waller, PM 21  
Registration Division (7505C)

Subject: **Vitavax®-3F**  
**EPA Reg. No. 400-152**  
**Removal of List 1 Required Label Wording**

Dear Ms. Waller:

Enclosed is amended labeling for the above referenced product. This label change was submitted on November 18, 2002. We hereby request to make the label change via the notification method. Since the dye in the seed treatment product, Rhodamine B dye, has been moved from EPA List 1 to EPA List 4B, we request to delete the following label statement.

"This product contains the toxic inert ingredient Rhodamine B dye."

**Background:** In 1987 EPA announced its policy on toxic inert ingredients in the FR of April 22, 1987 (52FR13305). EPA encouraged the use of the least toxic inerts available and required the development of data necessary to determine the conditions of safe use of products that contained the toxic inerts. At that time, Rhodamine B dye was placed on List 1, Inerts of Toxicological Concern. Being a list 1 inert, it also was subject to the labeling requirement in the paragraph above. A copy of the FR notice is attached as item 1.

A task force composed of seed treatment companies developed data during the 1990's to demonstrate that under the conditions of use, the chemical is not likely to result in residues in food or feed. In part, as a result of that effort, the EPA created a new subpart E in 40CFR part 180. The subpart is titled: "Pesticide chemicals not requiring a tolerance or an exemption from a tolerance." Rhodamine was placed in the new subpart 180.2020. Rhodamine B is now limited to uses as a dye for seed treatment, and must meet the limits stated in 180.2020: "Not to exceed 2% by weight of the formulated product and 60 ppm on the treated seed." The Final rule was published in 66FR66769. A copy of the Final Rule is attached as item 2.

**Crompton Corporation**

74 Amity Road, Bethany, CT 06524-3402 (203) 393-2163 (203) 393-2290 fax

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Ms. Mary Waller, PM-21  
February 25, 2003  
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Then in March 2002, the EPA reclassified Rhodamine B from List 1 to List 4B. This notice was published in **67FR10718**. List 4B inerts are "inerts for which EPA has sufficient information to reasonably conclude that the current use pattern in pesticide products will not adversely affect public health or the environment." A copy of that Federal Register notice is attached as item 3.

Kerry Leifer agrees that the List 1 required label statement is no longer appropriate and may be removed from applicable labels. Feel free to contact me if you have any questions.

Sincerely,

CROMPTON CORPORATION



Willard F. Cummings  
U.S. Registration Manager  
Crop Protection  
Research & Development

**Attachments:**

- 1) Federal Register - 52FR13305
- 2) " " - 66FR66769
- 3) " " - 67FR10718
- 4) Application for Pesticide Label Notification (form 8570-1).
- 5) Five copies of the revised Vitavax®-3F (400-152) label
- 6) One copy of the current Vitavax®-3F (400-152) label.