

PM 21 7501-166

1045



U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg. Number:  
7501-166

Date of Issuance:  
OCT 24 1995

NOTICE OF PESTICIDE:  
  X   Registration  
       Reregistration

(under FIFRA, as amended)

Term of Issuance:  
Conditional

Name of Pesticide Product:  
RTU-Vitavax-Extra

Name and Address of Registrant (include ZIP Code):

Gustafson, Inc.  
P. O. Box 660065  
Dallas, TX 75266 0065

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/ reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.
2. Make the following label changes:
  - a. Revise the EPA Registration Number to read, "EPA Reg. No. 7501-166".
  - b. Under Seed Labeling heading, make the following corrections:
    - change "seed" to "feed" in "desired seed rates".
    - change "seed or feed" to "seed used for feed"....
    - there is no item 4. in items 1. thru 6.

Signature of Approving Official:

Date:

October 24, 1995

EPA Form 8570-6

BEST COPY AVAILABLE

245

3. Submit three copies of the revised final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
OCT 24 1995

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended for the pesticide  
registered under EPA Reg. No.  
7501-166

# RTU®-VITAVAX® -EXTRA

## Flowable Fungicide

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

### Active Ingredients: (% by weight)

Carboxin: 5,6-dihydro-2-methyl-N-phenyl -1,4-oxathiin-3-carboxamide .....	16.7%
Imazalil: 1-[2-(2,4-dichlorophenyl)-2-(2-propenyloxy) -ethyl]-1H-imidazole .....	1.2%
Thiabendazole: 2-(4-Thiazolyl)-benzimidazole .....	1.5%
<b>Inert Ingredients:</b> .....	<b>80.6%</b>
<b>Total:</b> .....	<b>100.0%</b>

Contains 1.5 pounds carboxin, 0.1 pounds of imazalil, and 0.13 pounds of thiabendazole per U.S. gallon.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See Additional Precautionary Statements.

EPA Reg. No. 7501-

### 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 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.

### 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.

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water, or to areas where surface 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 part 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

# Gustafson



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, and shoes plus socks.

#### 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:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste 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.

**SEED TREATMENT:** RTU-VITAVAX-EXTRA Flowable Fungicide is a ready-to-use seed treatment, and in most situations will provide uniform coverage to seed without using water. In some instances, a water and chemical slurry dilution may enhance coverage. A 1 part RTU-Vitavax-Extra with 1/2 part water dilution may be used. Application should be made using standard mechanical, slurry or mist-type seed treatment equipment. Uniform application to seed is necessary to ensure seed safety and best disease control. Seed should be sound and well cured prior to treatment.

**COMPATIBILITY:** RTU-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:** RTU-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*, *Fusarium* species and *Penicillium* dry rot. This often results in increased and more uniform stands of seedlings with higher yield potential.

#### WHEAT

In addition to the above, seedborne glume blotch and *Septoria nodorum* and loose smut (*Ustilago tritici*) and common bunt (*Tilletia caries*) are controlled in wheat. RTU-VITAVAX-EXTRA Flowable Fungicide provides protection against the seed and soil borne phases of the common root-rot disease complex. Use 5 fluid ounces of RTU-VITAVAX-EXTRA Flowable Fungicide per 100 pounds of seed.

**NOTE TO USER:** Combination treatments of RTU-VITAVAX-Extra Flowable Fungicide with products containing Lindane may result in delayed emergence and stunting of wheat, however, plants will usually outgrow this effect. Do not carry over seed treated with Lindane to the next crop season. Minimize time between treating and planting for such treatments.

#### USE RESTRICTIONS

Do not use treated seed for food, feed or oil purposes. Care must be exercised in the handling of 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, imazalil and thiabendazole (RTU-VITAVAX-EXTRA Flowable Fungicide) at the manufacturer's recommended rate.
2. Do not use treated seed for food, feed or oil purposes.
3. Planting Note: Seed treated with RTU-VITAVAX-EXTRA 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. Augers used for handling treated seed should not be used to move seed or feed, food or oil purposes.
5. Do not re-use bags from treated seed to handle food or feed products.
6. Do not graze or feed livestock on treated areas for six weeks after planting."

Add appropriate information for any other chemical treatments. Consult the manufacturer for additional tagging requirements.

#### NOTICE - READ CAREFULLY CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, 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 Gustafson, Inc., no claims are made to guarantee germination of carry-over seed.

As its sole express warranty, Gustafson, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, GUSTAFSON, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON, INC. NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label.

Buyer/User purchases this product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Gustafson, Inc. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

SAS

GUSTAFSON (logo) is a Reg. TM of Gustafson, Inc.  
VITAVAX is a Reg. TM of UNIROYAL CHEMICAL COMPANY,  
INC.  
RTU is a Reg. TM of Gustafson, Inc.

A Quality Product Manufactured By:  
**Gustafson, Inc.**  
1400 Preston Road, Suite 400  
Plano, Texas 75093  
(214) 985-8877

RVE(S)591280