

US ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (TS-767) WASHINGTON, DC 20460	EPA REGISTRATION NO. 400-438	DATE OF ISSUANCE 5-5-92
	TERM OF ISSUANCE Conditional	
NOTICE OF PESTICIDE: <input checked="" type="checkbox"/> REGISTRATION <input type="checkbox"/> REREGISTRATION (Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)		
NAME OF PESTICIDE PRODUCT Vitavax Extra		

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

Uniroyal Chemical Company, Inc.
 74 Amity Road
 Bethany, Connecticut 06524-3402

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NOTE: Changes in labeling formula 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 U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 section 3(c)(7)(A) provided that you:

1. Submit/cite all data or other material required for registration/reregistration of your product under FIFRA Section 3(c)(5) or FIFRA section 4 when the Agency requires all registrants of similar products to submit such data.
2. Make the following label changes:
 - a. Add the phrase "EPA Registration No. "400-438" to your label.
 - b. The chemical name for Imazalil declared on the label should be bracketed as follows: 1-[2-(2,4-dichlorophenyl)-2-(2-propenyloxy)ethyl]-1H-imidazole.
3. On your Confidential Statement of Formula (CSF), correct item number 9 (Flash Point/Flame Extension) so that the same information appears on both pages of the CSF.
4. Submit a Dermal Sensitization Study to the Agency by August 15, 1992.
5. Submit one (1) copy of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL: *Arthur Peiris* DATE: 5-5-92

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to cancellation in accordance with FIFRA section 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.

Susan T. Lewis
Susan T. Lewis
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure

400-UG1

PH 21 400-438

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VITAVAX® -EXTRA

FLOWABLE FUNGICIDE.

UNIROYAL CHEMICAL

ACCEPTED
with COMMENT
in EPA Letter # 400-

MAY 1992

Under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Federal Food, Drug, and Cosmetic Act (FDCA), this pesticide is registered under EPA Reg. No.

COMPOSITION

Active Ingredients: (% by weight)	
Carboxin: 5,6-dihydro-2-methyl-N-phenyl-1, 4-oxathiin-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%

400-438

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

UNIROYAL CHEMICAL COMPANY, INC., Middlebury, CT 06749

EPA REG. NO. 400-

EPA EST. NO.

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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**

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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. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water or wetlands. 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.

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.

NOTE TO USER: Combination treatments of 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 treatment.

USE RESTRICTIONS

Do not use treated seed for food, feed or oil purposes. Care must be exercised in the handling of treated seed.

SEED LABELING

1. "This seed is treated with carboxin imazalil and thiabendazole (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 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.

4. Augers used for handling treated seed should not be used to move seed for feed, food or oil processing.

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 LIMITED WARRANTY STATEMENT

Treatment of highly mechanically damaged seed or seed of 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 Chemical Company Inc., no claims are made to guaranteed germination of carry-over seed.

Uniroyal Chemical Company, Inc. 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 Chemical Company, Inc. 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 Chemical Company, Inc. shall not be liable for consequential damages.

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.

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