



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

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OFFICE OF
PESTICIDES AND TOXIC SUBSTANCES

Mr. Raymond A. Cardona
Uniroyal Chemical Company
74 Amity Road
Bethany, CT 06525

SEP 22 1987

Dear Mr. Cardona:

Subject: VITAVAX- Fungicide
EPA Registration No. 400-80 ✓
VITAVAX- T
EPA Registration No. 400-92
VITAVAX
EPA Registration No. 400-106
VITAVAX- Flowable Fungicide
EPA Registration No. 400-107
VITAVAX- 17 Flowable Fungicide
EPA Registration No. 400-113
VITAVAX- 25DB
EPA Registration No. 400-115
Plantvax 75W
EPA Registration No. 400-144
VITAVAX- 3F
EPA Registration No. 400-152
Your Submission Dated August 18, 1987

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable subject to the comments listed below. Five copies of each finished labeling must be submitted.

Since dosage rates are given for most crops include a general statement indicating when to use the high and low rates of the range.

Sincerely yours,

Lois A. Rossi
Product Manager (21)
Fungicide- Herbicide Branch
Registration Division (TS-767C)

VITAVAX®

FUNGICIDE NOT FOR REFORMULATION

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

DANGER

Corrosive, causes eye damage. Harmful if swallowed, inhaled or absorbed through skin. Avoid breathing vapors or spray mist. Do not get in eyes, on skin or on clothing. Wear goggles or face shield when handling. Wash hands and face thoroughly with soap and water after use and before eating or smoking. Consumption of alcoholic beverages increases the possibility of harm.

ENVIRONMENTAL HAZARDS

This product is toxic to fish. Do not apply directly to water. Do not contaminate water by cleaning of equipment or disposal of wastes.

PHYSICAL or CHEMICAL HAZARDS

Do not use or store near heat or open flame.

ACCEPTED
SEP 22 1987
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 400-80

**UNIROYAL
CHEMICAL**

COMPOSITION

Active Ingredients: (% by weight)	
Carboxin (5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	75.0%
Inert Ingredients:	25.0%
Total:	100.0%

This product contains the toxic inert ingredient Rhodamine B dye.

STORAGE AND DISPOSAL

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

STORAGE: Store in a dry location.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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:

Bags: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

Fiber Drum: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of in the same manner.

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Immediately flush eyes with plenty of water. See a physician.

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.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS.

UNIROYAL CHEMICAL COMPANY, INC.

Middlebury, CT 06749

EPA REG. NO. 400-80

EPA EST. NO.

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NET WEIGHT:

Lot No. 7-6-87

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.

VITAVAX Fungicide is a wettable powder seed treatment for use as a dry dust, spray-mist, or slurry seed treatment. In hopper box dry dust treatment, stir VITAVAX Fungicide well with seed to insure coverage. In liquid systems, a thin paste should first be made using a portion of the required water and the recommended amount of VITAVAX Fungicide. Stir this paste into the remainder of the water and provide enough agitation to maintain a uniform water suspension.

COTTON

VITAVAX Fungicide controls seed rots and provides systemic control of seedling diseases of cotton. Seed rot, damping-off and sore-shin due to *Rhizoctonia solani* are prevented. VITAVAX Fungicide may be used on both machine and acid delinted cottonseed. Use 8 ounces of VITAVAX Fungicide per 100 pounds of seed. On seed previously treated with the recommended rate of a standard fungicide such as captan or thiram, 4 ounces of VITAVAX Fungicide may be used as an overtreatment.

COMPATIBILITY

VITAVAX Fungicide can be used in combination with other seed protectant fungicides such as captan or thiram. It can be used in combination with seed treatment insecticides such as Di-Syston or Thimet.

PEANUTS

VITAVAX Fungicide controls seed rots and provides systemic control of seedling diseases of peanuts. It is particularly effective against *Rhizoctonia solani*. Use 3 to 6 ounces of VITAVAX Fungicide per 100 pounds of seed. VITAVAX Fungicide can also be used at 2 to 3 ounces per 100 pounds of seed when used with seed protectant fungicides such as captan, thiram or Difolatan.

COMPATIBILITY

VITAVAX Fungicide is compatible with seed protectant fungicides such as captan, thiram or Difolatan.

BARLEY, WHEAT AND OATS

VITAVAX Fungicide controls seed rots and provides systemic control of seedling diseases of barley, oats and wheat. It is particularly effective against *Rhizoctonia solani*.

In addition, loose smut, covered smut, flag smut, common bunt and barley stripe are controlled by VITAVAX Fungicide.

DOSAGE INSTRUCTIONS

Crop	Diseases Controlled	Amount of VITAVAX Fungicide per 100 Pounds of Seed
BARLEY	Seed rots Seedling diseases Barley Stripe Loose smut Covered smut	2-3 ounces**
OATS	Seed rots Seedling diseases	1-1.5 ounces
	Loose smut Covered smut	2 ounces
WHEAT	Seed rots Seedling diseases Loose smut Common bunt Flag smut	2-3 ounces**

**NOTE: On barley and wheat seed grown for planting seed purposes only, use at the rate of four ounces per 100 pounds of seed.

COMPATIBILITY

VITAVAX Fungicide is compatible with seed protectant fungicides such as captan or thiram.

USE RESTRICTIONS

Do not use treated seed for food, feed or oil purposes. On cotton and peanuts do not graze or feed livestock on treated areas or hay grown from treated seed. Do not hog down treated peanut fields prior to harvest. On barley, oats and wheat do not graze or feed livestock on treated areas for six weeks. Care must be exercised in the handling of treated seed.

SEED LABELING

This seed is treated with VITAVAX Fungicide. Do not use treated seed for food, feed or oil purposes. Add appropriate information for any other chemical treatments.

IMPORTANT NOTICE — Seller warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions and instructions specified on the label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product, contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.