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400-92

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

FEB 22 1999

OFFICE OF
PREVENTION
(0)

Mr. Willard F. Cummings
Uniroyal Chemical Co., Inc.
74 Amity Rd.
Bethany, CT 06524-3402

Dear Mr. Cummings:

Subject: Label Amendment
* Vitavax-T (EPA Reg No 400-92)
Your Correspondence Dated July 28, 1998


The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended, is acceptable subject to the following condition.

- Since there is a grazing restriction for this product, the restriction must be included on the seed labeling. Therefore, add the statement "Do not graze or feed livestock on treated areas for six weeks after planting." to paragraph number 1 under the Seed Labeling Section.

If this condition is 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. Please submit one (1) copy of your final printed labeling before you release the product for shipment.

Sincerely yours,


Cynthia Giles-Parker
Product Manager #22
Fungicide Branch
Registration Division (7505C)

Enclosure

ACCEPTED
with COMMENTS
in EPA Letter Dated:
FEB 22 1999

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VITAVAX® - T - FUNGICIDE

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

(VITAVAX WITH THIRAM)

400-92

Net contents:

COMPOSITION

Active Ingredients: (% by weight)

Carboxin (5,6-dihydro-2-methyl-N-phenyl-1, 4-oxathiin-3-carboxamide)	37.5%
Thiram (tetramethylthiuram disulfide)	37.5%
Inert Ingredients:	25.0%
Total:	100.0%

This product contains the toxic inert ingredient Rhodamine B dye.

KEEP OUT OF REACH OF CHILDREN DANGER • PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

IF IN EYES: Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF SWALLOWED: Call a doctor or get medical attention. Do not induce vomiting or give anything by mouth to an unconscious person. Drink promptly a large quantity of milk, eggwhites, gelatin solution, or if these are not available, drink large quantities of water. Avoid alcohol.

SYMPTOMS OF POISONING: No specific symptoms. Acute poisoning is accompanied by general depression and illness. Consumption of alcoholic beverages with exposure to Thiram may cause flushing, breathing difficulty, nausea, vomiting and low blood pressure. In case of poisoning, call a physician immediately. Have patient lie down and keep quiet.

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate the use of gastric lavage. No specific antidote is available. All treatments should be based on observed signs and symptoms of distress in the patient. In the presence of consumed alcohol, thiram responds similarly to Disulfiram.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER

Corrosive. Causes irreversible eye damage. Do not get in eyes, or on clothing. Harmful if inhaled or swallowed. Avoid breathing dust or spray mist.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers Must Wear: A long-sleeved shirt & long pants; waterproof gloves; shoes plus socks; protective eyewear; chemical-resistant headgear for overhead exposure; and chemical-resistant apron when cleaning equipment, mixing, or loading.

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:

- Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.
- 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 pesticide is toxic to fish. Do not contaminate water when disposing of equipment washwaters. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seed and seed packaging 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 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

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

Use the higher rate under conditions of expected heavy disease pressure.

BARLEY, CORN, OATS AND WHEAT

VITAVAX-T Fungicide combines the systemic action of carboxin with the surface action of thiram to control various seed and seedling diseases of barley, corn, 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-T Fungicide.

DOSAGE INSTRUCTIONS

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Crop	Diseases Controlled	Amount of Vitavax-T Fungicide per 100 Pounds of Seed
BARLEY	Seed rots Seedling Diseases Barley Stripe Loose smut Covered smut	3 - 4 ounces
CORN	Seed rots Seedling diseases	4 ounces
OATS	Seed rots Seedling diseases Loose smut Covered smut	2 ounces
WHEAT	Seed rots Seedling diseases Loose smut Common bunt Flag smut	3 - 4 ounces

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.

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-T) 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. "Augers used for handling treated seed should not be used to move seed for feed, food or oil processing."
3. "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 or 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.

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 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.

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