

VITAVAX®-200

FLOWABLE FUNGICIDE
(VITAVAX WITH THIRAM)

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS

CAUTION

Causes eye and skin irritation. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid inhaling of spray mist. Do not use or store near food or feed.

During commercial exposure in seed treatment and loading operations, wear goggles, clean rubber gloves, protective clothing, and a pesticide respirator jointly approved by the Mine Safety and Health Administration (formerly the U.S. Bureau of Mines) and by the National Institute of Occupational Safety and Health under provisions of 30 CFR, Part 11. Wash hands, arms and face thoroughly with soap and water after handling and before eating or smoking. Routinely shower or bathe after work; wash all clothing with soap and water before reusing. Consumption of alcoholic beverages increases the toxic effects of thiram.

ENVIRONMENTAL HAZARDS

This pesticide product 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.

PHYSICAL or CHEMICAL HAZARDS

Do not use or store near heat or open flame.

as of 1/1/88 registered with EPA Reg. No. 400

**UNIROYAL
CHEMICAL**

COMPOSITION

Active Ingredients (% by weight)	
Carboxin (5,6-dihydro-2-methyl-N-phenyl-1,4-oxathin-3-carboxamide)	17.0%
Thiram (tetramethylthiuram disulfide)	17.0%
Inert Ingredients	66.0%
Total:	100.0%

This product contains the toxic inert ingredient Rhodamine B dye.

Contains 1.67 pounds carboxin and 1.67 pounds thiram per U.S. gallon

STORAGE AND DISPOSAL

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

STORAGE: Store in a cool, dry location. Do not store in direct sunlight. Protect from extreme temperatures.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. 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: 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.

KEEP OUT OF REACH OF CHILDREN CAUTION

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. 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.

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: No specific antidote is available. Treat symptomatically. In the presence of consumed alcohol, thiram responds similarly to Disulfiram.

SEE LEFT SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT.

UNIROYAL CHEMICAL COMPANY, INC.

Middlebury, CT 06749

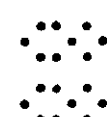
EPA REG. NO. 400-112

EPA EST. NO.

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NET WEIGHT:



10-10-88

Lot No.

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-200 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-200 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-200 Flowable Fungicide combines the systemic action of carboxin with the surface action of thiram to reduce seed rot, seedling blight diseases. It is particularly effective against *Rhizoctonia solani* and shows good activity against various *Helminthosporium*, *Fusarium*, and *Pythium* species. This often results in increased and more uniform stands of seedlings with higher yield potential. Use the higher rate under conditions of expected heavy disease pressure.

BARLEY, WHEAT AND OATS

In addition to the above, loose smut (*Ustilago nuda*), and covered smut (*Ustilago hordei*), are controlled in barley and loose smut (*Ustilago tritici*), and common bunt (*Tilletia caries*) are controlled in wheat by VITAVAX-200 Flowable Fungicide.

Use 3-4 fluid ounces of VITAVAX-200 Flowable Fungicide per 100 pounds of seed. VITAVAX-200 Flowable Fungicide should be applied as a slurry treatment by machine.

RICE

VITAVAX-200 Flowable Fungicide is particularly effective against *Rhizoctonia solani* and *Helminthosporium oryzae* in rice. Use 3-4 fluid ounces of VITAVAX-200 Flowable Fungicide per 100 pounds of seed applied as a slurry treatment by machine. The higher rate is recommended for control of *Helminthosporium oryzae*.

SOYBEANS

Use 2 fluid ounces of VITAVAX-200 Flowable Fungicide per bushel of seed or 4 fluid ounces per 100 pounds of seed. VITAVAX-200 Flowable Fungicide should be applied as a slurry treatment by machine.

COTTON

VITAVAX-200 Flowable Fungicide provides systemic control of seed and seedling diseases of cotton. Seed rot, damping off and sore-shin due to *Rhizoctonia solani* are reduced. VITAVAX-200 Flowable Fungicide can be used on both machine and acid delinted cottonseed at the rate of 6.4 to 8 fl. oz. per 100 pounds of seed. VITAVAX-200 Flowable Fungicide should be applied as a slurry treatment by machine.

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. Do not graze or feed livestock on vines grown from treated seed.

USE PRECAUTION

When using formulations that do not contain dye, to comply with 21 CFR Chapter 1, Section 2.25 and 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-200 Flowable Fungicide) 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. "Planting Note: Seed treated with VITAVAX-200 Flowable Fungicide does not flow as freely as untreated seed. The drill should therefore be adjusted to compensate for this restricted seed flow to prevent lower than desired seed rates."
3. "Augers used for handling treated seed should not be used to move seed for feed, food or oil processing."
4. "Do not re-use bags from treated seed to handle food or feed products."

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 or insect pests, may result in reduced germination and or reduction of seed and seedling vigor. Treat and conduct germination tests of 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 guaranteed 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.