

VITAVAX[®]-34

ACTIVE INGREDIENTS: (% by weight)

Carboxin (5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)34%

INERT INGREDIENTS:66%

TOTAL 100%

EPA Reg. No. 400-107-264

EPA Est. 7501-ID-1

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

IF INHALED:	<ul style="list-style-type: none"> Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control center or doctor for further treatment advice..
EMERGENCY ASSISTANCE: Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
CROMPTON EMERGENCY PHONE	800-292-5898
SAFETY DATA AND INFORMATION	203-573-3303
TRANSPORTATION EMERGENCY (CHEMTREC)	800-424-9300

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

Harmful if inhaled. Avoid breathing vapor.

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 category selection chart.

Applicators and Other Handlers Must Wear: A long-sleeved shirt and long pants; shoes plus socks.

Follow manufacturer's instruction for cleaning and maintaining PPE. If no such instruction for washables, used 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 (PS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced to or modified as specified in the 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..

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwaters. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark.

DIRECTIONS FOR USE

**It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
Read all label directions carefully before use.**

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.

STORAGE AND DISPOSAL

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

PESTICIDE 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

Plastics & Returnables: Contact Bayer CropScience or your chemical supplier for container return instructions. Triple rinse (or equivalent). Then offer for recycling or reconditioning or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

Metal: 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.

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 agriculture 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 intervals. 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 12 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 made of any waterproof material such as barrier laminate or nitrile rubber or neoprene, or neoprene, or Viton
- Shoes plus socks

SEED LABELING

"This seed is treated with carboxin (VITAVAX) at the manufacturer's recommended rate. Do not use treated seed for food, feed or oil purposes.

On barley, corn, oats, wheat and triticale: Do not graze or feed livestock on treated areas for six weeks after planting.

On cotton: Do not graze or feed livestock on hay grown from treated seed.

On beans: Do not allow livestock to graze or feed on bean forage until 60 days after treated seed is planted.

On soybeans: Do not graze or feed livestock on forage and hay grown from treated seed."

Add appropriate information for any other chemical treatments.

USE RESTRICTIONS

- When using formulations that do not contain dye, to comply with 21 CFR Chapter 1, Section 2.25 and 40 CFR 153.155, treated seed must be colored with an approved dye (40 CFR 180.1001) to distinguish and prevent subsequent and inadvertent use as food for man or feed for animals.
- Treated seed must not be used for or mixed with food or animal feed, or processed for oil.
- Treat only seeds needed for immediate use, minimizing the interval between treatment and planting.
- Do not store excess treated seeds beyond planning time

VITAVAX-34 is a ready-to-use seed treatment which should be applied as a slurry treatment by machine. Use the higher rate under conditions of expected heavy disease pressure.

BARLEY, OATS, WHEAT AND TRITICALE

For the control of loose smut (*Ustilago nuda*), covered smut (*Ustilago hordei*) of barley, loose smut (*Ustilago avenae*), covered smut (*Ustilago kollerii*) of oats, loose smut (*Ustilago tritici*) and common bunt (*Tilletia caries*) and flag smut* (*Urocystis agropyri*) of wheat. Use at the rate of 2-3 ounces per 100 pounds of seed.

Do not graze or feed livestock on treated areas for six weeks after planting.

*Use not registered by the California Department of Pesticide Regulation

CORN

VITAVAX-34 controls seed and seedling diseases and provides systemic control of seedborne head smut (*Sphacelotheca reiliana*). VITAVAX-34 is also particularly effective against *Rhizoctonia solani*. VITAVAX-34 should be used at a rate of 2 to 4 ounces per 100 pounds of seed when applied to seed that has been treated or will be treated with protectant fungicides such as captan or thiram.

Do not graze or feed livestock on treated areas for six weeks after planting.

COTTON

VITAVAX-34 controls *Rhizoctonia solani* on cotton. When planting cottonseed early season in cold soils, use the highest recommended rate per 100 pounds of seed. Under early, cold planting conditions, use an EPA-approved in-furrow granule to aid in disease control. VITAVAX-34 should be used at the rate of 4 fluid ounces to 8 fluid ounces per 100 pounds of cottonseed. Mix with enough water to apply mixture (slurry) at the rate of twenty (20) fluid ounces per 100 pounds of seed.

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

BEANS

VITAVAX-34 should be used at the rate of 3-4 fluid ounces per 100 pounds of seed for the control of seedling diseases for beans.

Do not allow livestock to graze or feed on bean forage until 60 days after treated seed is planted.

SOYBEANS

VITAVAX-34 should be used at the rate of 3-4 fluid ounces per 100 pounds of seed for the control of seedling diseases in soybeans.

Do not graze or feed livestock on forage and hay grown from treated seed.

SAFFLOWER*

Use 2 fluid ounces of VITAVAX-34 per 100 pounds of seed for control of seedling diseases.

*Use not registered by the California Department of Pesticide Regulation

ORNAMENTAL BULBS & CORMS*

EASTER LILIES – For control of *Rhizoctonia* root rot, mix 1 ½ to 3 quarts of VITAVAX-34 in 100 gallons of water. Dip bulbs for at least 5 to 15 minutes in solution. A sticking agent may be added. Maintain good agitation in dip tanks.

OTHER ORNAMENTAL BULBS/CORMS – Follow directions above for Easter Lilies when treating other ornamental bulbs and corms. A preliminary trial must be conducted prior to large scale dipping to determine individual plant tolerance.

USE PRECAUTIONS FOR BULB DIPS – Do not mix insecticides in this dipping solution. Wear chemical-resistant gloves (such as barrier laminate or nitrile rubber or neoprene, or Viton) when dipping bulbs or handling treated bulb/corms. Rinse gloves before taking them off, then wash your hands. Check gloves for holes. If they are damaged, get a new pair.

*Use not registered by the California Department of Pesticide Regulation.

COMPATABILITY

VITAVAX-34 can be used in combination with other flowable seed protectant fungicides and insecticides. Consult a seed treatment specialist regarding combining of products with VITAVAX-34 for specific seed crop applications and slurry compatibility. Tank mixes should be pre-tested to determine physical compatibility between formulations, and to assure there will be no adverse phytotoxic reactions.

IMPORTANT: READ BEFORE USE

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability before using this product. If terms are not acceptable, return the unopened product container at once.

By using this product, user or buyer accepts the following Conditions, disclaimer of Warranties and Limitations of Liability.

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 Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

CONDITIONS: The directions for use of this product are believed to be adequate and should be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Bayer CropScience. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: BAYER CROPSCIENCE MAKES NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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NOTICE TO BUYER

Purchase of this material does not confer any rights under patents governing this product or the use thereof in countries outside of the United States.

NET CONTENTS: 2.5 gallons

VITAVAX is a registered trademark of Crompton Corporation



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