

APR 03 1996

Mr. Dennis L. McFadden  
Gustafson, Inc.  
PO Box 660065  
Dallas, TX 75266 0065

Dear Mr. McFadden:

Subject: Vitavax Captan 12.5-25 Seed Protectant  
EPA Registration No. 7501-43  
Application Dated March 15, 1996, Request To Revise  
Directions of Use Section and Product Information  
Sections To Clarify Use and Use Precautions

The subject proposed labeling amendments have been reviewed and found acceptable under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, provided that you:

1. Delete the phrase "For terrestrial uses," from the second statement in the "Environmental Hazards" section.
2. In the "Pesticide Disposal" statements delete the words "spray mixture,".
3. Submit one (1) printed copy of your final printed labeling before you release the product for shipment under the subject labeling.

If these conditions are not complied with, the registration will be subject 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 labeling is enclosed for your records.

Sincerely yours,

Joanne I. Miller  
Product Manager (23)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

E. Wilson: Captan: 04-01-96

**BEST AVAILABLE COPY**

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

APR 03 1996

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
CAPTAN for the pesticide  
registered under EPA Reg. No.  
7501-43

GUSTAFSON VITAVAX® CAPTAN 12.5-25 SEED PROTECTANT  
CONTAINS SODIUM MOLYBDATE

Active ingredients:

By Weight

Carboxin (5,6-dihydro-2-methyl-1,4-oxathiin-3-carboxanilide)*	12.5%
* Captan	23.9%
Related Derivatives	0.5%
Inert Ingredients	63.1%
TOTAL	100.0%
* N-trichloromethylthio-4-cyclohexene-1,2-dicarboximide	

This product contains the toxic inert ingredient Rhodamine B

\*U.S. Patents 3,454,391

Vitavax® is a registered trademark of Uniroyal Chemical, Inc.

KEEP OUT OF REACH OF CHILDREN  
DANGER PELIGRO  
STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with plenty of water. Call a physician. If swallowed: Drink promptly a large quantity of milk, egg whites, gelatin solutions or if these are not available, drink large quantities of water. Avoid alcohol. If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. If on skin: Wash with plenty of soap and water. Get medical attention if abnormal reaction occurs.

SEE SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENT

EPA Reg. No. 7501-43

PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

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.)

Causes irreversible eye damage. Harmful if swallowed or inhaled. May cause allergic skin reactions. Do not get in eyes. Avoid contact with skin and clothing.

## PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers (other than mixers and loaders) must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks and protective eyewear. Mixers and loaders must wear: long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear and dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## 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. Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

## ENVIRONMENTAL HAZARDS

This product is toxic to fish. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of wastes. Dispose of excess treated seeds by burying in a safe place away from water supplies.

## STORAGE AND DISPOSAL

### PROHIBITIONS

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container.

### STORAGE

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place. Protect from excessive heat. Do not store or transport near feed or food.

### 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

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

### 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 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.

**Rate:** (Measuring scoop enclosed). Use at a rate of 2 ounces per bushel (2 scoops per bushel) of soybean seed or the contents of this container on 40 bushels of soybean seed.

**Mixing Instructions:** For best results, fill planter box only half full of seed, add half the required amount of Gustafson Vitavax-Captan 12.5-25 Seed Protectant and mix thoroughly with a stick or paddle. Add the remainder of the seed and Gustafson Vitavax 12.5-25 Seed Protectant and mix again so that all seeds are covered. **DO NOT MIX WITH BARE HANDS.**

### Product Information

Gustafson Vitavax Captan 12.5-25 Seed Protectant combines the systemic action of Vitavax with the contact action of Captan to control many seed and soil-borne diseases of soybeans. Gustafson Vitavax Captan 12.5-25 Seed Protectant provides 0.2 ounce of molybdenum per acre for plant nutrition and nitrogen fixation. Regularly inspect planter plates and clean as required. At the end of each day, clean out the electric eye monitors as directed by the manufacturer. Important: Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Treat only those seed needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 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 48 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 and protective eyewear.

## 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 Gustafson, Inc., no claims are made to guarantee germination of carry-over seed.

As its sole express warranty, Gustafson, Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, GUSTAFSON, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES, SUBJECT TO APPLICABLE LAW, GUSTAFSON, INC. NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label.

Buyer/User purchases this product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by a written agreement signed by a duly authorized representative of Gustafson, inc. If these terms are not acceptable, return all products to the place of purchase, unopened, for a full refund.

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Vitavax is a Reg. TM of Uniroyal Chemical, Inc.