

7501-87

7-23-2002

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United States Environmental Protection Agency Washington, DC 20460

<input type="checkbox"/>	Registration
<input type="checkbox"/>	Amendment
<input checked="" type="checkbox"/>	Other

OPP Identifier Number

Application for Pesticide - Section I

1. Company/Product Number 7501-87	2. EPA Product Manager Sherada Holgood	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Gustafson VITAVAX-PCNB Flowable Fungicide	PM# Notifications 21	
5. Name and Address of Applicant (Include ZIP Code) Gustafson LLC 1400 Preston Rd., Suite 400 Plano, TX 75093 <input type="checkbox"/> Check if this is a new address	6. Expedited Review. In accordance with FIFRA Section 3(c)(3)(b)(i), my product is similar or identical in composition and labeling to: EPA Reg. No. _____ Product Name _____	

Section - II

<input type="checkbox"/> Amendment - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____	NOTIFICATION JUL 23 2002
<input type="checkbox"/> Resubmission in response to Agency letter dated _____	<input type="checkbox"/> "Me Too" Application.	
<input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Other - Explain below.	

Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Delete part 12 respirator wording per PR Notice 98-9.

"This notification is consistent with the provisions of FR Notice 98-10 and EPA regulations at 40 CFR 152.46, and no other changes have been made to the labeling or the confidential statement of formula of this product. I understand that it is a violation of 18 U.S.C. Sec. 1001 to willfully make any false statement to EPA. I further understand that if this notification is not consistent with the terms of FR Notice 98-10 and 40 CFR 152.46, this product may be in violation of FIFRA and I may be subject to enforcement action and penalties under sections 12 and 14 of FIFRA."

Dennis McFadden

Section - III

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____		
* Certification must be submitted		If "Yes" Unit Packaging wgt. No. per container	If "Yes" Package wgt. No. per container		
3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container		5. Location of Label Directions <input type="checkbox"/>	
6. Manner in Which Label is Affixed to Product <input checked="" type="checkbox"/> Lithograph Paper glued Stenciled			<input type="checkbox"/> Other _____		

Section - IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)					
Name Dennis McFadden		Title Mgr. Tox & Reg Affairs		Telephone No. (Include Area Code) 972-985-8877	
Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law.					6. Date Application Received (Stamp)
2. Signature Dennis McFadden			3. Title Mgr. Tox & Reg Affairs		
4. Typed Name Dennis McFadden			5. Date 7/16/02		

Gustafson VITAVAX®-PCNB

NOTIFICATION

JUL 23 2002

Flowable Fungicide

ACTIVE INGREDIENTS:

Carboxin (5,6-dihydro-2-methyl-N-phenyl-1,4-oxathiin-3-carboxamide)	17%
Pentachloronitrobenzene (PCNB)	17%
INERT INGREDIENTS:	66%
	100%

Contains 1.68 lbs. carboxin and 1.68 lbs. PCNB per U.S. gallon.

KEEP OUT OF REACH OF CHILDREN CAUTION FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything to an unconscious person.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
- Call a poison control center or doctor for further treatment advice.

If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 - 20 minutes.
- Call a poison control center or doctor for treatment advice.

If in eyes:

- Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

See additional precautionary statements.

EPA Reg. No. 7501-87 EPA Est.
NET CONTENTS:

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS & DOMESTIC ANIMALS CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. May cause irritation of nose, throat, eyes and skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or spray mist. During mixing/loading procedures, wear a long sleeved-shirt and long pants, chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene or polyvinyl chloride or Viton, shoes plus socks and a NIOSH approved respirator with any R, P, or HE filter.

Wash hands and face thoroughly with soap and water after use or before eating or smoking. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or incorporate treated seeds.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on agricultural establishments in hopper-box, planter-box, slurry-box, or other seed treatment applications at or immediately before planting.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal or by cleaning of equipment. Open dumping is prohibited.

STORAGE: Store in a cool, dry location. Do not store in direct hot sunlight. Keep container closed when not in use.

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) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state or local authorities.

Gustafson Vitavax-PCNB Flowable Fungicide is a ready-to-use seed treatment.

Gustafson Vitavax-PCNB Flowable Fungicide combines the systemic action of carboxin with the surface action of PCNB to control various seed and seedling diseases. It is particularly effective against *Rhizoctonia solani*.

BARLEY, WHEAT AND OATS

Use 3-4 fluid ounces of **Gustafson Vitavax-PCNB Flowable Fungicide** per 100 pounds of seed. **Gustafson Vitavax-PCNB Flowable Fungicide** should be applied as a slurry treatment by machine. Use the higher rate under conditions of expected heavy disease pressure.

In addition, loose smut (*Ustilago nuda*) and covered smut (*Ustilago hordei*) are controlled on barley, and loose smut (*Ustilago tritici*) and common bunt (*Tilletia caries*) are controlled on wheat by **Gustafson Vitavax-PCNB Flowable Fungicide**.

COTTON

Use 5 to 7 fluid ounces of **Gustafson Vitavax-PCNB Flowable Fungicide** per 100 pounds of seed as a slurry treatment by machine. Use the higher rate under conditions of expected heavy disease pressure.

SOYBEANS

Use 2 fluid ounces of **Gustafson Vitavax-PCNB Flowable Fungicide** per bushel of seed or 4 fluid ounces per 100 pounds of seed. **Gustafson Vitavax-PCNB 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 of wheat, barley or oats for six weeks after planting. Do not graze or feed livestock on forage or hay grown from treated cotton or soybean seed. Care must be exercised in the handling of treated seed.

Since this product does not contain a dye, all seed treated with this product must be colored with an EPA-approved dye (e.g., 40 CFR 180.1001) which imparts an unnatural color to the seed to help prevent the inadvertent use of treated seed as food for man or feed for animals.

COMPATIBILITY

Gustafson Vitavax-PCNB Flowable Fungicide should not be tank mixed with any pesticide unless adequate physical and compatibility and phytotoxicity tests have been completed and proved to be satisfactory.

SEED LABELING—"This seed treated with **Gustafson Vitavax-PCNB Flowable Fungicide**. Do not use treated seed for food, feed or oil purposes. Do not graze or feed livestock on treated areas of wheat, barley or oats for six weeks after planting. Do not graze or feed livestock on forage or hay grown from treated cotton or soybeans." Add appropriate information for any other chemical treatment.

**NOTICE - READ CAREFULLY
CONDITIONS OF SALE AND LIMITED WARRANTY
STATEMENT**

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

As its sole express warranty, Gustafson LLC 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 LLC SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, GUSTAFSON LLC 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 LLC. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

A quality product manufactured by:
Gustafson LLC
1400 Preston Road, Suite 400
Plano, Texas 75093
Questions? (972) 985-8877

Gustafson (logo) is a registered trademark of Gustafson LLC, Plano, Texas
VITAVAX is a registered trademark of UNIROYAL CHEMICAL COMPANY, INC.

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87(S)071102
Master label w cotton on-farm
delete part 11 respirator

Master label with Cotton on-farm
- 3 -

Gustafson

VITAVAX®-PCNB

Flowable Fungicide

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JUL 23 2002

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Contains 1.68 lbs. carboxin and 1.68 lbs. PCNB per U.S. gallon.

KEEP OUT OF REACH OF CHILDREN
CAUTION
FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If swallowed:

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to do so by a poison control center or doctor.
- Do not give anything to an unconscious person.

If inhaled:

- Move person to fresh air.
- If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
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If on skin or clothing:

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15 - 20 minutes.
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- Hold eye open and rinse slowly and gently with water for 15 - 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

See additional precautionary statements.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS &
DOMESTIC ANIMALS
CAUTION

Harmful if swallowed, inhaled or absorbed through the skin. May cause irritation of nose, throat, eyes and skin. Avoid contact with skin, eyes or clothing. Avoid breathing vapors or spray mist.

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 C on an EPA chemical resistance category selection chart. Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene or polyvinyl chloride or Viton, shoes plus socks, and a NIOSH approved respirator with any R, P or HE filter. 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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Cover or incorporate treated seeds.

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.

EPA Reg. No. 7501-87 EPA Est.
NET CONTENTS:



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 24 hours. Exception: If the seed is treated with the product and the treated seed 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 and shoes plus socks.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal or by cleaning of equipment. Open dumping is prohibited.

STORAGE: Store in a cool, dry location. Do not store in direct hot sunlight. Keep container closed when not in use.

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) and offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state or local authorities.

For use in commercial seed treaters only, with the exception of application to cotton seed, which may be made either by commercial seed treatment or as an end-use seed treatment on agricultural establishments at, or immediately before, planting. This product is to be used in liquid or slurry treatments.

Gustafson Vitavax-PCNB Flowable Fungicide is a ready-to-use seed treatment.

Gustafson Vitavax-PCNB Flowable Fungicide combines the systemic action of carboxin with the surface action of PCNB to control various seed and seedling diseases. It is particularly effective against *Rhizoctonia solani*.

BARLEY, WHEAT AND OATS

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COTTON

Use 5 to 7 fluid ounces of **Gustafson Vitavax-PCNB Flowable Fungicide** per 100 pounds of seed as a slurry treatment by machine. Use the higher rate under conditions of expected heavy disease pressure.

COTTON: FOR END-USE APPLICATION AT AGRICULTURAL ESTABLISHMENTS

Gustafson Vitavax-PCNB may be applied as an overtreatment to cottonseed for additional systemic and contact *Rhizoctonia* protection. Apply **Gustafson Vitavax-PCNB** using a mechanical type applicator such as a batch type treater, TCIF.A.S.T. System or Gustafson TST Total Slurry Treater. Apply at the rate of 3.5 fl. oz. per 50 lb. bag of cottonseed. **Gustafson Vitavax-PCNB** is recommended to be used in conjunction with a co-fungicide such as Gustafson ALLEGIANCE™-FL for systemic *Pythium* activity. Product dilution with water may be needed to achieve good cottonseed coverage.

SOYBEANS

Use 2 fluid ounces of **Gustafson Vitavax-PCNB Flowable Fungicide** per bushel of seed or 4 fluid ounces per 100 pounds of seed. **Gustafson Vitavax-PCNB 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 of wheat, barley or oats for six weeks after planting. Do not graze or feed livestock on forage or hay grown from treated cotton or soybean seed. Care must be exercised in the handling of treated seed.

Since this product does not contain a dye, all seed commercially treated with this product must be colored with an EPA-approved dye (e.g., 40 CFR 180.1001) which imparts an unnatural color to the seed to help prevent the inadvertent use of treated seed as food for man or feed for animals.

COMPATIBILITY

Gustafson Vitavax-PCNB Flowable Fungicide should not be tank mixed with any pesticide unless adequate physical and compatibility and phytotoxicity tests have been completed and proved to be satisfactory.

SEED LABELING (Commercially Treated Seed)—"This seed treated with **Gustafson Vitavax-PCNB Flowable Fungicide**. Do not use treated seed for food, feed or oil purposes. Do not graze or feed livestock on treated areas of wheat, barley or oats for six weeks after planting. Do not graze or feed livestock on forage or hay grown from treated cotton or soybean seed." Add appropriate information for any other chemical treatment.

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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 LLC. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.

A quality product manufactured by:

Gustafson LLC
1400 Preston Road, Suite 400
Plano, Texas 75093
Questions? (972) 985-8877

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VITAVAX is a Reg. TM of Uniroyal Chemical Company, Inc.

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87(S)071102
On-farm cotton only
Delete part 11 respirator

On-farm cotton only

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Gustafson VITAVAX®-PCNB

NOTIFICATION

JUL 23 2002

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USE RESTRICTIONS

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COMPATIBILITY

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