

## **PLEASE NOTE**

**This image contains more than one label approved for this product on this date.**

7501-191

03/13/2003

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Biopesticides and Pollution Prevention Division (7511C)  
1200 Pennsylvania Avenue NW  
Washington, DC 20460

EPA Reg. Number:

7501-191

Date of Issuance:

3-13-03

Term of Issuance:

Unconditional

Name of Pesticide Product:

GB34 Concentrate Biological Fungicide

NOTICE OF PESTICIDE:

Registration  
 Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Gustafson LLC  
1400 Preston Road, Suite 400  
Plano, TX 75093

**Note:** Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This registration does not eliminate the need for continual reassessment of the pesticide. If EPA determines at any time, that additional data are required to maintain in effect an existing registration, the Agency will require submission of such data under section 3(c)(2)(B) of FIFRA.

This product is registered in accordance with FIFRA section 3(c)(5) and is subject to the following conditions:

1. Make the following modification to your label dated March 06, 2003 :

Change the EPA File Sym. No 7501-ROR to EPA Reg. No. 7501-191

2. Submit three (3) copies of the final printed labeling before you release the product for shipment.

A stamped copy of the label is enclosed for your records

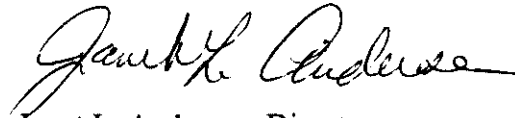
Signature of Approving Official:

*JZA*  
(See second page for signature)

Date:

3-13-03

Sincerely,

A handwritten signature in cursive script, appearing to read "Janet L. Andersen". The signature is written in black ink and is positioned above the typed name.

Janet L. Andersen, Director  
Biopesticides and Pollution  
Prevention Division

GB34(S)030603

**ACCEPTED**  
MAR 13 2003  
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7501-191

# GB34

## Concentrate Biological Fungicide

FOR USE AS A SEED TREATMENT

**ACTIVE INGREDIENT:**

*Bacillus pumilus* GB34 ..... 0.28%

**INERT INGREDIENTS:** ..... 99.72%

**TOTAL:** ..... 100.00%

Contains 1.0 x 10<sup>10</sup> CFU per gram

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**  
See Additional Precautionary Statements.

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

**Precautionary Statements**  
**Hazards to Humans and Domestic Animals**  
**CAUTION**

Causes minimal eye irritation. Avoid contact with eyes, skin or clothing. In case of contact, flush affected area with plenty of water. Repeated or prolonged excessive exposure may lead to sensitization of skin and lungs in susceptible individuals. Applicators or other handlers must wear long sleeved shirt and long pants and shoes plus socks and use a dust/mist filtering respirator (MSHA/NIOSH approval number prefix of at least N-95, R-95, or P-95.) Wash face, hands and arms thoroughly with soap and water after handling and before eating or smoking.

**First Aid**

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

**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.

**Environmental Hazards**

For Seed Treatment Use: 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 when disposing of equipment washwater or rinsate. Cover or incorporate spilled seed or seed on soil surface.

**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**

Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water by cleaning of equipment or disposal of wastes.

**STORAGE:** Store in a dry place.

**PRODUCT DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Completely empty package by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into mixing equipment. Then dispose of package in a sanitary landfill or by incineration if allowed by State and local authorities. Dispose of box in the same manner. Do not reuse package or box.

GB34 Concentrate is a biological fungicide that, when applied to seed, colonizes the developing root system and provides protection against disease organisms such as *Rhizoctonia* and *Fusarium* that attack the root system. Through a mode of action in which the plant's own host resistance is activated, biological protection is achieved which frequently results in improved plant stand, plant health and yield.



**FOR USE AS A SEED TREATMENT**

GB34 Concentrate may be applied as a water-based slurry either alone or with other registered seed treatment insecticides and fungicides through standard slurry or mist commercial seed treatment equipment. To mix, first add the chemical insecticides and/or fungicides to the slurry mix with approximately 1/2 of the required water. Slowly add the GB34 Concentrate to the slurry until a uniform suspension is obtained. Add the remainder of the required water and maintain continuous agitation. Do not store mixed slurries for longer than 72 hours.

**APPLICATION RATES**

May be used alone or in combination with other registered Gustafson seed treatment fungicides and insecticides. Pre-test for compatibility with other seed treatment products.

**SOYBEANS:** For suppression of root diseases caused by *Rhizoctonia* and *Fusarium*, apply 0.1 ounces per 100 pounds of seed.

**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, GUARANTEE 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

**NEXT**

**LABEL**

62 P.H.

7501-191

03/13/2003

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Please read instructions on reverse before completing form.

Form Approved. OMB No. 2070-0060. Approval expires 2-28-95

	United States <b>Environmental Protection Agency</b> Washington, DC 20460	<input type="checkbox"/> Registration <input type="checkbox"/> Amendment <input checked="" type="checkbox"/> Other	OPP Identifier Number
	<b>Application for Pesticide - Section I</b>		

1. Company/Product Number 7501-ROR	2. EPA Product Manager P. Hutton	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) GB34 Concentrate Biological Fungicide	PM# 92	
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 _____
<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.)

"Add additional brand name, 'Yield Shield Concentrate Biological Fungicide', per PR Notice 98-10.

*Dennis McFadden*

"This notification is consistent with the provisions of PR 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 PR 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."

**Section - III**

1. Material This Product Will Be Packaged In:				2. Type of Container	
Child-Resistant Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Unit Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Water Soluble Packaging <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Metal <input checked="" 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 checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) Retail Container 1.5, 7.5, 50 pounds		5. Location of Label Directions <input checked="" type="checkbox"/> ON LABEL	
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 <i>Dennis McFadden</i>	Title <i>Mgr. Tox &amp; Reg Affairs</i>	Telephone No. (Include Area Code) <i>972-985-8877</i>
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 (Stamped)
2. Signature <i>Dennis McFadden</i>	3. Title <i>Mgr. Tox &amp; Reg Affairs</i>	
4. Typed Name <i>Dennis McFadden</i>	5. Date <i>3/5/02</i>	

**NOTIFICATION**

Date Reviewed: MAY 13 2003

Reviewed By: ASB

# Yield Shield®

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**CAUTION**  
See Additional Precautionary Statements.

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

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