

 <p>U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (7505C) 401 "M" St., S.W. Washington, D.C. 20460</p> <p><b>NOTICE OF PESTICIDE:</b> <u>  X  </u> Registration <u>      </u> Reregistration</p> <p>(under FIFRA, as amended)</p>	<p>EPA Reg. Number: <b>2935-521</b></p>	<p>Date of Issuance: <b>SEP 11 1995</b></p>
	<p>Term of Issuance: <b>Conditional</b></p>	
	<p>Name of Pesticide Product: <b>Granox Plus</b></p>	
<p>Name and Address of Registrant (include ZIP Code):</p> <p><b>Wilbur-Ellis Company 191 W. Shaw Avenue, Suite 107 Fresno, California 93704</b></p>		
<p><small>Notes: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence re this product always refer to the above EPA registration number.</small></p>		
<p><small>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.</small></p> <p><small>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.</small></p> <p><b>This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:</b></p> <ol style="list-style-type: none"> <li>1. You will submit the data required by the agreement between the Agency and the Rhodamine B Task Force within the agreed upon time frame.</li> <li>2. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA section 4.</li> <li>3. You will submit production information ( pounds or gallons produced) for this product for the fiscal year in which the product is conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1 and ends September 30. The production information will be submitted to the Agency no later than November 15, following the end of the preceding fiscal year. This information should be submitted to:</li> </ol> <p><b>U.S. Environmental Protection Agency Office of Pesticide Programs (7504C) Document Processing Desk 401 M Street, S.W., CM#2 Washington, D.C. 20460</b></p>		
<p>Signature of Approving Official: <i>Connie B. Welch</i></p>		<p>Date: <i>9/11/95</i></p>

4. Make the following labeling change before you release the product for shipment:
  - a. Add the phrase "EPA Registration No. 2935-521".
  - b. On the label for the undyed formulation, you may delete the reference stating that the purchaser is responsible for insuring that treated seed are dyed. This requirement applies only for commercial treatment of seed. On-the-farm treatments for immediate planting do not require a dye.
5. Submit five copies of the final printed label for the record.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely yours,



Connie B. Welch  
Product Manager (21)  
Fungicide-Herbicide Branch  
Registration Division (7505C)

Enclosure

7505C:C.Grable:cg:8/18/95

8412  
ACCEPTED  
with COMMENTS  
In EPA Letter Dated  
SEP 11 1995

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
2935-521

**GRANOX PLUS**  
**SYSTEMIC SEED TREATMENT FUNGICIDE FOR WHEAT**

Contains Thiabendazole

**WHEAT**

For control of Seed & Soil-Borne Diseases

**ACTIVE INGREDIENTS**

Maneb (manganese ethylenebisdithiocarbamate) . . . . . 50%  
(equivalent to 1% metallic manganese)  
Thiabendazole (2-(4-thiazolyl)benzimidazole) . . . . . 2%

**INERT INGREDIENTS** . . . . . 48%

**TOTAL** . . . . . 100%

EPA Reg. No. 2935-

EPA Est. No. 70-KY-1

**KEEP OUT OF REACH OF CHILDREN**

**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

If swallowed, induce vomiting by drinking one or two large glasses of water or touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

If in eyes, flush with clean water for at least 15 minutes and then get medical attention.

If on skin, wash with plenty of soap and water. If skin irritation persists, get medical attention. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. Obtain medical attention.

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**BEST COPY AVAILABLE**

4/12  
CAUTION: Harmful if swallowed. May cause irritation of nose, throat, eyes, and skin. Do not rub eyes or mouth with hands.

Do not treat indoors unless there is thorough ventilation.

Avoid contamination of feed, food and foodstuffs.

#### **PERSONAL PROTECTIVE EQUIPMENT:**

Applicators and other handlers must wear:

- A) Long-sleeved shirt and long pants;
- B) Waterproof gloves;
- C) Shoes plus socks;
- D) Protective eyewear.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instruction for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply directly to water, to areas where surface is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. Exposed treated seed may be hazardous to birds and other wildlife. Cover or incorporate spilled treated seed. Dispose of all excess treated seeds by burial away from bodies of water.

#### **PHYSICAL AND CHEMICAL HAZARDS**

Keep away from fire and sparks. Store in a dry place. Do not allow to become wet or overheated in storage. This may bring on chemical changes which will impair the fungicidal effectiveness of the product and may also produce flammable vapors.

##### **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.

**BEST COPY AVAILABLE**

WILBUR-ELLIS 5/12

## **PRODUCT INFORMATION**

**GRANOX Plus** is a special seed treatment formulation of maneb and thiazabendazole fungicides which, when used at the correct dosage rate, protects wheat against the seed-borne disease Stinking Smut (Bunt). It also protects wheat crops against certain seed and soil-borne diseases causing Root Rot and Seedling Blight. **GRANOX Plus** is specially designed for on-the-farm treatment for drill or planter box application. This application is mixed directly with the seed in the box as it is running into the box or by spreading the treatment over leveled seed and thoroughly mixing the treatment. Refer to application instructions on this label.

## **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**ALWAYS READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

Do not apply this product in a way that will contact worker 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.

## **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, 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), notification to workers, 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.

**EXCEPTIONS:** If the product is used for seed treatment, 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:

- A) Long-sleeved shirt and long pants; B) Waterproof gloves; C) Shoes plus socks;
- D) Protective eyewear.

**Application Instructions:** Wheat-1 oz. per bushel

Use only recommended rates. Lower rates may not give the desired control. Seed should be

**BEST COPY AVAILABLE**

06/18/95 10:09 2092267630 WILBUR-ELLIS 00057006 67.12

well cured, dry and cleaned before treatment. For maximum benefits, avoid deep seeding and exceptionally early sowing under poor growing conditions. Mix GRANOX Plus thoroughly into seed until the powder uniformly coats the seed.

1) Automatic Seed Treater equipment that meters the proper amount of GRANOX Plus and uniformly mixes it as seed is augured into the planter or drill box.

2) Drill or Plant Box Application - Place and level one-half of the seed in the drill or planter box, then uniformly sprinkle over the seed one-half of the total GRANOX Plus required. Mix thoroughly with an axle handle or paddle (an axle handle or paddle used for seed treatment purposes only), then fill the box with seed and sprinkle the remaining one-half of the powder over the seed and thoroughly mix until all streaking of the powder has disappeared and coloring of the seed appears to be uniform.

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.

**NOTE:** The purchaser of this product is responsible for insuring that all seed treated with this product are adequately dyed with a suitable color to prevent its accidental use as food for man or feed for animals. Refer to 21 CFR, Part 2.25. Any dye added must be cleared for use under 40 CFR, Part 180.1001.

## STORAGE AND DISPOSAL

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

**STORAGE:** Keep container tightly closed when not in use. Store in a dry, ventilated place away from water, food or feed. Do not allow to become wet in storage. Do not store or use product near heat or open flame. Store treated seed in a well ventilated place away from feed and foodstuffs.

**PESTICIDE DISPOSAL:** Improper disposal of excess pesticide mixtures 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 incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

**BEST COPY AVAILABLE**

7/12

The statements made on this label are believed to be true and accurate, but because of conditions of use which are beyond our control, WILBUR-ELLIS COMPANY does not make, nor does it authorize any agent or representative to make, any warranty, guaranty or representation, expressed or implied, concerning this material or the use thereof, except in conformity with the statements on the label. Neither WILBUR-ELLIS COMPANY nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

Treatment of highly mechanically damaged seed of known low vigor and poor quality, except for the purpose 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 WILBUR-ELLIS, no claims are made to guarantee germination of carry-over seed.

GRANOX is a trademark of a Zeneca Group Company.

WILBUR-ELLIS logo® and IDEAS TO GROW WITH® are registered trademarks of WILBUR-ELLIS Company.

F-994

In Case of Emergency,  
CALL CHEMTREC (800)424-9300

WILBUR-ELLIS COMPANY  
P.O. BOX 1645  
FRESNO, CA 93755

BEST COPY AVAILABLE

LABEL FOR ALTERNATE DYED FORMULA

**ACCEPTED**  
with **COMMENTS**  
In EPA Letter Dated

SEP 11 1995  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

2935-521

**GRANOX PLUS**  
**SYSTEMIC SEED TREATMENT FUNGICIDE FOR WHEAT**

Contains Thiabendazole  
**WHEAT**

For control of Seed &amp; Soil-Borne Diseases

**THIS PRODUCT CONTAINS THE TOXIC INERT RHODAMINE B****ACTIVE INGREDIENTS**

Maneb (manganese ethylenebisdithiocarbamate) ..... 50%  
(equivalent to 1% metallic manganese)

Thiabendazole (2-(4-thiazolyl)benzimidazole) ..... 2%

**INERT INGREDIENTS** ..... 48%

**TOTAL** ..... 100%

EPA Reg. No. 2935-

EPA Est. No. 70-KY-1

**KEEP OUT OF REACH OF CHILDREN****CAUTION****STATEMENT OF PRACTICAL TREATMENT**

If **swallowed**, induce vomiting by drinking one or two large glasses of water or touching the back of the throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person. Get medical attention.

If **in eyes**, flush with clean water for at least 15 minutes and then get medical attention

If **on skin**, wash with plenty of soap and water. If skin irritation persists, get medical attention. If inhaled, remove victim to fresh air. If not breathing, give artificial respiration. Obtain medical attention.

**PRECAUTIONARY STATEMENTS****HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

**CAUTION:** Harmful if swallowed. May cause irritation of nose, throat, eyes, and skin. Do



9/12  
not rub eyes or mouth with hands.

Do not treat indoors unless there is thorough ventilation.

Avoid contamination of feed, food and foodstuffs.

### **PERSONAL PROTECTIVE EQUIPMENT:**

Applicators and other handlers must wear:

- A) Long-sleeved shirt and long pants;
- B) Waterproof gloves;
- C) Shoes plus socks;
- D) Protective eyewear.

) Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instruction for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to fish. Do not apply directly to water, to areas where surface is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment wash waters. Exposed treated seed may be hazardous to birds and other wildlife. Cover or incorporate spilled, treated seed. Dispose of all excess treated seeds by burial away from bodies of water.

### **PHYSICAL AND CHEMICAL HAZARDS**

) Keep away from fire and sparks. Store in a dry place. Do not allow to become wet or overheated in storage. This may bring on chemical changes which will impair the fungicidal effectiveness of the product and may also produce flammable vapors.

#### **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.

### **PRODUCT INFORMATION**

**GRANOX Plus** is a special seed treatment formulation of maneb and thiabendazole fungicides which, when used at the correct dosage rate, protects wheat against the seed-borne disease Stinking Smut (Bunt). It also protects wheat crops against certain seed and soil-borne diseases causing Root Rot and Seedling Blight. **GRANOX Plus** is specially designed for on-the-farm treatment for drill or planter box application. This application is mixed directly with the seed in the box as it is running into the box or by spreading the treatment over leveled seed and thoroughly mixing the treatment. Refer to application instructions on this label.

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**ALWAYS READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

Do not apply this product in a way that will contact worker 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.

### **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, 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), notification to workers, 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.

**EXCEPTIONS:** If the product is used for seed treatment, 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:

- A) Long-sleeved shirt and long pants; B) Waterproof gloves; C) Shoes plus socks;
- D) Protective eyewear.

**Application Instructions:** Wheat-1 oz. per bushel

Use only recommended rates. Lower rates may not give the desired control. Seed should be well cured, dry and cleaned before treatment. For maximum benefits, avoid deep seeding and exceptionally early sowing under poor growing conditions. Mix **GRANOX Plus** thoroughly

11/12

into seed until the powder uniformly coats the seed.

1) Automatic Seed Treater equipment that meters the proper amount of GRANOX Plus and uniformly mixes it as seed is augured into the planter or drill box.

2) Drill or Plant Box Application - Place and level one-half of the seed in the drill or planter box, then uniformly sprinkle over the seed one-half of the total GRANOX Plus required. Mix thoroughly with an axle handle or paddle (an axle handle or paddle used for seed treatment purposes only), then fill the box with seed and sprinkle the remaining one-half of the powder over the seed and thoroughly mix until all streaking of the powder has disappeared and coloring of the seed appears to be uniform.

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.

## STORAGE AND DISPOSAL

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

**STORAGE:** Keep container tightly closed when not in use. Store in a dry, ventilated place away from water, food or feed. Do not allow to become wet in storage. Do not store or use product near heat or open flame. Store treated seed in a well ventilated place away from feed and foodstuffs.

**PESTICIDE DISPOSAL:** Improper disposal of excess pesticide mixtures 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 incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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

The statements made on this label are believed to be true and accurate, but because of conditions of use which are beyond our control, WILBUR-ELLIS COMPANY does not make, nor does it authorize any agent or representative to make, any warranty, guarantee or representation, expressed or implied, concerning this material or the use thereof, except in conformity with the statements on the label. Neither WILBUR-ELLIS COMPANY nor the seller shall be held responsible in any manner for any personal injury or property damage or loss resulting to the buyer or to the other person from handling, storage or use of this material, not in accordance with directions. The buyer assumes all risk and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

12212

Treatment of highly mechanically damage seed of known low vigor and poor quality, except for the purpose 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 WILBUR-ELLIS, no claims are made to guarantee germination of carry-over seed.

GRANOX is a trademark of a Zeneca Group Company.

WILBUR-ELLIS logo® and IDEAS TO GROW WITH® are registered trademarks of WILBUR-ELLIS Company.

F-994

)

In Case of Emergency,  
CALL CHEMTREC (800)424-9300

WILBUR-ELLIS COMPANY  
P.O. BOX 16458  
FRESNO, CA 93755

1