

PM 13

2935 - 498

File
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

MAR 4 1994

Joanne Pratt
WILBUR-ELLIS COMPANY
191 W. Shaw Avenue - Suite 107
Fresno, CA 93704

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/17/93 in Response to PR Notice 93-7
EPA Reg. No. 2935-498
GRANOL PLUS

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable
Printed with SoyCanada Ink on paper that
contains at least 50% recycled fiber

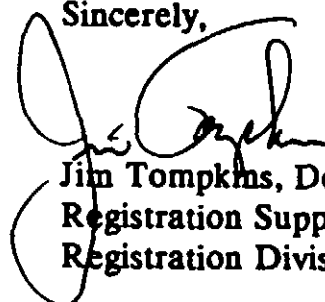
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment



BEST AVAILABLE COPY GRANOL® PLUS

3 7 6

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Harmful if inhaled. Causes eye irritation. Avoid contact with skin, eyes and clothing. Do not rub eyes or mouth with hands. See First Aid (Practical Treatment section). Avoid breathing dust.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling.

Treat outdoors or treat in a well ventilated place.

~~**HANDLERS (MIXERS, LOADERS AND APPLICATORS) MUST WEAR THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT:** a long-sleeved shirt and long pants or a coverall, chemical resistant gloves, socks, boots, and disposable paper dust mask which covers at least one-third of the face, and goggles or a face shield. During mixing and loading, a chemical resistant apron must also be worn.~~

~~**IMPORTANT!** Before removing gloves, wash them with soap and water. Always wash hands, face and arms with soap and water before eating, smoking or drinking. Always wash hands and arms with soap and water before using the toilet.~~

~~After work take off all clothes and shoes. Shower using soap and water. Wear only clean clothes. Do not use contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment soiled with maneb must be destroyed according to state and local regulations.~~

Avoid contamination of feed, food and foodstuffs.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician and/or the Poison Control Center immediately. Drink one or two large glasses of water and induce vomiting by 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.

If on skin: Wash with plenty of soap and water.

If in eyes: Flush with plenty of water. Get medical attention.

If inhaled: Remove victim to fresh air. Get medical attention.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds and other wildlife. Exposed treated seeds may be hazardous to birds and other wildlife. Cover or incorporate spilled treated seed. Do not contaminate water when disposing of equipment washwaters. Dispose of all excess treated seeds by burial away from bodies of water. 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.

In case of significant spill, call CHEMTREC 1-(800)-424-9300.

PRODUCT INFORMATION

GRANOL Plus is a special seed treatment formulation containing a combination of maneb and thiabendazole fungicides, plus the insecticide lindane. When used at the correct use rate, GRANOL Plus protects wheat against the seed-borne disease Sinking Smut (Bunt). It also protects wheat against certain seed and soil-borne diseases such as Root Rot and Seedling Blight during germination and the early seedling stages. GRANOL Plus also provides temporary protection of seeds and seedlings against wireworm damage. GRANOL Plus is especially designed for on-the-farm treatment for drill or planter box application. It is to be mixed directly with the seed in the box, either as it is run into the box, or by spreading the treatment over the leveled seed and thoroughly mixing the treatment into the seed with an axe handle or paddle (an axe handle or paddle for seed treatment purposes only). This product can also be applied with suitable automated application equipment to give thorough uniform coverage to the seed. See application instructions on this label.

PHYSICAL AND CHEMICAL HAZARDS

If maneb becomes wet in storage, its fungicidal effectiveness may be reduced and it may also produce vapors which may be flammable. Keep away from flames or sparks.

Replace with DIRECTIONS FOR USE Copy D

~~This 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.

Application instructions: Wheat — Use 2 oz. per bushel.

Use only recommended rates. Lower rates may not give the desired control. Higher amounts may cause seed injury. Seed should be well cured, dry and cleaned before treatment. For maximum benefits avoid deep seeding and exceptionally early sowing under poor growing conditions. GRANOL Plus should be thoroughly mixed with seed to uniformly coat the seed.

1. Automatic Seed Treaters — equipment that meters the proper amount of GRANOL Plus and uniformly mixes it as seed is augered into the planter or drill box. Be sure to calibrate the equipment properly to get proper amount of GRANOL Plus on the seed.

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INSECTICIDE AND FUNGICIDE
SEED TREATMENT FOR WHEAT
Contains Thiabendazole
AGRICULTURAL USE ONLY
A dual purpose ready-to-use formulation
Planter Box or Drill Box Application
WHEAT

ACTIVE INGREDIENTS

Maneb (Manganese ethylenebisdithiocarbamate)	25.00%
(equivalent to manganese metallic 0.5%)	
2-(4-thiazoly) benzimidazole Thiabendazole	1.00%
Lindane (Gamma isomer of benzene hexachloride)	18.75%
INERT INGREDIENTS	55.25%

TOTAL: 100.00%

EPA Reg. No. 2935-498

EPA Est. No. 70-KY-1

KEEP OUT OF REACH OF CHILDREN CAUTION

See side panel for additional precautionary statements.

DIRECTIONS FOR USE (cont.)

- Drill or Planter Box Application — place and level one-half of the seed in the drill or planter box, then uniformly sprinkle one-half of the total GRANOL Plus required. Mix thoroughly with an axe handle or paddle (an axe handle or paddle for seed treatment purposes only), then fill the box with seed and sprinkle the remaining one-half of the GRANOL Plus over the seed and thoroughly mix until the seed is uniformly coated.
- Dribble required amount of GRANOL Plus into each bushel of seed as it is poured into the drill box or planter box, and mix until seed is uniformly coated.
- NEVER USE BARE HANDS TO MIX GRANOL PLUS WITH SEED.**

Stand upwind while treating seed.

~~Remove and separately launder clothing and decontaminate shoes before reuse.~~

Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Treat only those seeds 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. Always store product in original container in a cool, dry and well ventilated place away from food and feed. Do not allow to become wet in storage.

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: Completely empty container and tap side and bottom to loosen clinging particles. Empty into application equipment. Then 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.

CONDITIONS OF SALE

NOTICE: 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 of liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

GRANOL is a registered trademark of ICI Canada, Inc.
Logo TM of WILBUR-ELLIS Company.
IDEAS TO GROW WITH is a registered trademark of WILBUR-ELLIS Company.

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In Case of Emergency, Call CHEMTREC 800-9300

NET WEIGHT: 10 lbs.

COPY B

Personal Protective Equipment
Applicators and other handlers must wear:

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

- F) Chemical-resistant apron when cleaning equipment, mixing or loading.
- G) A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number prefix TC-14G).

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 instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

COPY D

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.

AGRICULTURE 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, decontaminations, notification, and emergency assistance. It also contains specific instructions, and exceptions pertaining to protective equipment (PPE). 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 workers entry into treated areas during the restricted entry interval (REI) of _____ hours.

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) Coveralls over long sleeved shirt and long pants
- B) Chemical-resistant gloves such as Barrier Laminate, Butyl Rubber ≥ 14 mils, or Nitrile Rubber ≥ 14 mils.
- C) Chemical-resistant footwear plus socks
- D) Protective eyewear
- E) Chemical-resistant headgear for overhead exposure.

→ Not Applicable to A Seed Treatment

COPY H

**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.