

PM 13 2935-497

File
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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

MAR A 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. 2935-497
GRANOL PLUS FLOWABLE

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 FR 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 Soy/Canola Ink on paper that
contains at least 50% recycled fiber

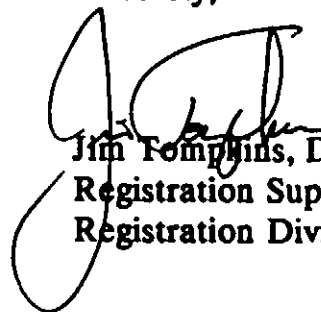
Submit the final printed labeling via the U.S. Postal Service to:

**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



ACCEPTED with COMMENTS In EPA Letter Dated

MAR 4 1994

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 2935-497

GRANOL® PLUS FLOWABLE

3 of 7

Insecticide and Fungicide Cereal Seed Treatment
Contains Thiabendazole
FOR AGRICULTURAL COMMERCIAL USE ONLY
WHEAT

ACTIVE INGREDIENTS	By Wt.
Maneb (manganese ethylenebisdithiocarbamate) (equivalent to manganese metallic 0.27%)	13.80%
Thiabendazole (2-(4-thiazolyl) benzimidazole)	0.54%
Indane (Gemine isomer of benzene hexachloride)	10.30%
INERT INGREDIENTS	75.56%
TOTAL: 100.00%	

This product contains: 1.33 lbs. maneb per gallon
0.053 lbs. thiabendazole per gallon
1.01 lbs. indane per gallon

EPA Reg. No. 2935-497

EPA Est. No.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See side panel for additional precautionary statements.

DIRECTIONS FOR USE (cont.)

STORAGE AND DISPOSAL

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

STORAGE: Store above 0°F. Product stored at a lower temperature will reconstitute to satisfactory utility if warmed to approximately 70°F and thoroughly shaken or stirred before use. Keep container tightly closed when not in use. Store treated seed in a well ventilated place away from water, food and feed. In case of spill or leak on floor or paved surfaces, absorb on sand, earth or synthetic absorbent and shovel in a leak-proof container. Wash area with a solution of 50% household bleach and water and let stand for 10 minutes. Then cover with hydrated lime and let stand for 1-2 hours. Cover with absorbent and shovel into waste container. Rinse area with water and pick up with absorbent. Label and remove waste container to chemical waste area.

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

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 and 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.

F-793

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In Case of Emergency,
Call CHEMTREC 800/424-9300

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed or absorbed through the skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Do not rub eyes or mouth with hands. See First Aid (Practical Treatment Section).

HANDLERS (MIXERS, LOADERS AND APPLICATORS) MUST WEAR THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT: Long-sleeved shirt and long-pants or a coverall, chemical-resistant gloves, hat, socks, boots, a 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 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 and 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 decontaminated with maneb must be destroyed according to state and local regulations.

Treat outdoors or in a well ventilated place. Avoid contamination of feed, food and foodstuffs. Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Seed commercially treated with GRANOL Plus Flowable must be labeled in accord with all applicable requirements of the Federal Seed Act.

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 or, if possible, by administering syrup of ipecac. 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 irritation persists.

If inhaled: Remove victim to fresh air. Apply artificial respiration if indicated.

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. Dispose of all excess treated seeds by burial. Do not contaminate water when disposing of equipment wash waters. 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 (800) 424-9300.

PRODUCT INFORMATION

GRANOL Plus Flowable is a special seed treatment formulation of maneb and thiabendazole fungicides, and lindane which, when used at the correct dosage rate, protects wheat against the seed-borne disease stinking smut (bunt). It also protects wheat against certain seed and soil-borne diseases such as root rot and seedling blight during germination and in the early seedling stages, and gives temporary protection of seeds and seedlings against wireworms. GRANOL Plus Flowable is designed for on-the-farm treatment using a seed treater suitable for metering and mixing flowable seed treatments and for use by commercial seed treaters.

Replace with DIRECTIONS FOR USE - Copy D
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

SHAKE OR STIR WELL BEFORE USING. Use at temperatures above 0°F.

GRANOL Plus Flowable is a ready-to-use seed treatment for on-the-farm use in suitable seed treating equipment or by commercial seed treaters at the following rate:

Wheat — 3 fl. oz. per bushel.

Use only recommended rate — lower amounts 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.

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.

Note To User: Seed commercially treated with this product must be adequately dyed with a suitable color to prevent its accidental use as a 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.

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Distributed By: WILBUR-ELLIS, P.O. BOX 16458 • FRESNO, CALIFORNIA 93755

COPY B

Personal Protective Equipment
Applicators and other handlers must wear:

- A) Long sleeved shirt
- B) Long pants
- C) Chemical-resistant gloves such as Barrier Laminate, Butyl Rubber ≥ 14 mils, Nitrile Rubber ≥ 14 mils, Neoprene rubber ≥ 14 mils, Polyvinyl Chloride ≥ 14 mils, Viton ≥ 14 mils
- 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.

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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 F

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.

Barrier laminate
Butyl rubber ≥ 14 mils
Nitrile rubber ≥ 14 mils
Neoprene rubber ≥ 14 mils
Poly vinyl chloride (PVC) ≥ 14 mils
Viton ≥ 14 mils

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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.

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