

Please read instructions on reverse before completing form.

Form Approved, OMB No. 2070-0060, Approval expires 11-30-93

(A) 	United States Environmental Protection Agency Office of Pesticide Programs (H7505C) Washington, DC 20460	<input type="checkbox"/> Registration <input checked="" type="checkbox"/> Amendment <input type="checkbox"/> Other	OPP Identifier Number <div style="font-size: 24pt; font-weight: bold;">201649</div>
	Application for Pesticide:		

Section I

1. Company/Product Number 2935-493	2. EPA Product Manager G. LaRocca	3. Proposed Classification <input checked="" type="checkbox"/> None <input type="checkbox"/> Restricted
4. Company/Product (Name) Granol N-M Insecticide & Fungicide Seed Treatment	PM# 13	
5. Name and Address of Applicant (Include ZIP Code) WILBUR-ELLIS Company 191 W. Shaw Avenue Suite 107 Fresno, CA 93704 <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"/> Resubmission in response to Agency letter dated _____ <input checked="" type="checkbox"/> Notification - Explain below.	<input type="checkbox"/> Final printed labels in response to Agency letter dated _____ <input type="checkbox"/> "Me Too" Application. <input type="checkbox"/> Other - explain below.
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Explanation: Use additional page(s) if necessary. (For section I and Section II.)

Change to labeling statement prohibiting application to water. The exact wording from PR Notice 93-3 has been used.

**NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 88-6**

DATE: 8/3/92

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) _____	If "Yes," Unit Package wgt. No. per container	If "Yes," Package wgt. No. per container
* Certification must be submitted.					
3. Location of Net Contents Information <input checked="" type="checkbox"/> Label <input type="checkbox"/> Container		4. Size(s) of Retail Container 10 Lbs.		5. Location of Label Directions <input checked="" type="checkbox"/> On Label <input type="checkbox"/> On Labeling accompanying product	
6. Manner In Which Label Is Affixed To Product <input type="checkbox"/> Lithograph <input checked="" type="checkbox"/> Paper glued <input type="checkbox"/> Other (_____) <input type="checkbox"/> Stenciled					

Section IV

1. Contact Point (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.)			
Name Joanne Pratt	Title Product Registration and Labeling Specialist	Telephone No. (Include Area Code) (209) 226-1934	
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 	3. Title Product Registration and Labeling Specialist		
4. Typed Name Joanne Pratt	5. Date July 19, 1993		

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NOT REGISTERED IN CALIFORNIA
SPECIMEN LABEL

NOTIFICATION
LABEL NOT REVIEWED
PER PR NOTICE 89-6

DATE: 8/3/93



GRANOL® N-M

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING

Avoid contact with GRANOL N-M. It may be fatal if inhaled, swallowed or absorbed through the skin. Do not breathe dust. Do not get in eyes, on skin or on 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: a 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 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 drenched with maneb must be destroyed according to state and local regulations.

Treat outdoors or in a thoroughly ventilated place.

Avoid contamination of feed and foodstuffs.

Treated seed should be labeled "Treated seed, do not use for food, feed or oil purposes."

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds and other wildlife. Do not contaminate water when disposing of equipment wash waters. 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 away from bodies of water. *Copy?*

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

If on skin: Remove contaminated clothing and wash affected areas with soap and water.

If in eyes: Flush eyes for at least 15 minutes with water. Call a physician immediately. Do not administer milk or fatty substances which enhance the absorption of chlorinated hydrocarbons.

PRODUCT INFORMATION

GRANOL N-M is a special seed treatment formulation of lindane and maneb which, when used at the correct dosage rates, protects crops against seed-borne diseases such as Stinking Smut (Bunt) of Wheat, Oat Smuts, Covered and False Loose Smut, of Barley and Bunt of Rye. It also protects cereal crops against certain seed and soil-borne diseases such as Root Rot and Seedling Blight. Granol N-M also provides temporary protection of seeds and seedlings against wireworms.

GRANOL N-M is especially designed for on-the-farm treatment for drill or planter box application. This application is mixed directly with the seed in the box, either as it is running into the box or by spreading the treatment in a layer over the leveled seed and thoroughly mixing the treatment (with an axe handle or paddle) or with suitable seed treatment equipment. Refer to 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.

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 ALL APPLICABLE STATE AND FEDERAL REGULATIONS.

WHEAT, OATS, BARLEY, RYE
Use 2 oz. per Bushel

FLAX

Use 4 oz. per Bushel

Use only recommended rates. Higher 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. Mix Granol N-M thoroughly with seed until the powder uniformly coats the seed.

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INSECTICIDE AND FUNGICIDE SEED TREATMENT

A DUAL PURPOSE ready-to-use formulation for drill or planter box application to control smuts, seed decay and seedling blight and for temporary protection of seeds and seedlings against wireworms.

WHEAT — OATS — BARLEY — RYE — FLAX

ACTIVE INGREDIENTS	By Wt.
Maneb (Manganese ethylenebisdithiocarbamate).....	50.00%
LINDANE (Gamma isomer of Benzene Hexachloride)	18.75%
INERT INGREDIENTS	31.25%
TOTAL:	100.00%

EPA Reg. No. 2135-492

EPA Est. No. 70-KY-1

KEEP OUT OF REACH OF CHILDREN WARNING

See side panel for additional precautionary statements.

DIRECTIONS FOR USE (cont.)

- Automatic Seed Treaters — Equipment that meters the proper amount of Granol N-M and uniformly mixes it as seed is augered into the planter or drill box. Be sure to calibrate equipment to get the proper amount of Granol N-M on the seed.
- Drill or Planter 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 GRANOL N-M required. Mix thoroughly with an axe handle or paddle (an axe handle or paddle used for seed treatment purposes only), then fill the box with seed and sprinkle the remaining one-half of the Granol N-M over the seed and thoroughly mix once more. Stir until streaking of the powder has disappeared and coating of the seed is uniform.
- Dribble required amount of GRANOL N-M into each bushel of seed as it is poured into the drill box, and mix until seed is uniformly coated.

DO NOT MIX WITH HANDS.

Wear a properly designed dust mask and goggles and change filters frequently while treating seed. Keep away or upwind from any dust that may arise.

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. Store away from water, food and feed.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or residue 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 liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residues into application equipment. Then dispose of liner in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. If drum is contaminated and cannot be reused, dispose of in same manner.

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 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.

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

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

SEED PROTECTANTS Hopper Box Products

Copy A

"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."

