

US ENVIRONMENTAL PROTECTION AGENCY
OFFICE OF PESTICIDES PROGRAMS
REGISTRATION DIVISION (TS-767)
WASHINGTON, DC 20460

EPA REGISTRATION NO.

DATE OF ISSUANCE

2935-492

JUL 6 1993

TERM OF ISSUANCE

Until Reregistration

NAME OF PESTICIDE PRODUCT

Granoi® Flowable Insecticide
and Fungicide Seed Treatment

NOTICE OF PESTICIDE: REGISTRATION
 REREGISTRATION

(Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended)

NAME AND ADDRESS OF REGISTRANT (Include ZIP Code)

Wilbur-Ellis Company
191 W. Shaw Ave., Suite 107
Fresno, CA 93704

NOTE: Changes in labeling formula 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 on this product always refer to the above U.S. 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.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this 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 product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit/cite all data required for registration/reregistration of your product under FIFRA section 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.

2. Make the labeling changes listed below before you release the product for shipment:

- a. Add the phrase, "EPA Registration No. 2935-492".
- b. We assume the complete product name is "Granoi® Flowable Insecticide and Fungicide Seed Treatment" and have adjusted our files accordingly.
- c. Since this product is labeled for on-farm-use, delete the statement "Seed commercially treated with Granoi® Flowable must be labeled in accordance with all applicable requirements of the Federal Seed Act."

3. Submit five copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL

DATE

CA 6/30/93

4. This acceptance of you label does not relieve you of any obligation to comply with the Worker Protection Standard (WPS). Under the WPS labeling regulations at 40 CFR part 156, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scop of WPS requirements after April 21, 1994, without amended labeling accepted by the Agency.

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,

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (H7505C)



ACCEPTED with COMMENTS in EPA Letter Dated

JUL 6 1993

GRANOL® * FLOWABLE

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the purpose of registration under FIFRA, this product is classified as a:

2935-492

INSECTICIDE FUNGICIDE SEED TREATMENT FOR ON-FARM USE

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: 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: a long-sleeved shirt and long pants or a coverall, chemical resistant gloves, hat, socks, shoes, 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.

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 manab must be destroyed according to state and local regulations.

DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

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 Flowable must be labeled in accordance 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 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 seeds. Excess treated seeds by burial away from bodies of water. Do not discharge treated seeds when disposing of equipment washwaters. Apply this product only to the crops listed on the label. In case of significant spill, call CHEMTREC 1-800-424-9300.

PRODUCT INFORMATION

GRANOL Flowable is a special seed treatment formulation of manab (methyl 2-thio-1,1-dimethyl-3-propyl-4-thio-1,2,4-triazole-5-carboxylate) and Lindane which, when used at the correct rate, protects cereal crops against seed-borne diseases such as striking smut (bunt) of wheat, oat smut, covered smut, loose smut, bunt 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 during the seedling and germination stages. GRANOL Flowable also provides temporary protection of seeds and seedlings against wireworms.

GRANOL Flowable is especially designed for on-the-farm treatment using a seed treater suitable for mixing and mixing flowable seed treatments. 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 AND FOLLOW DIRECTIONS STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

GRANOL Flowable is a special seed treatment for on-the-farm use suitable seed treating equipment. Use the following rates:

- Wheat, Oats, Barley and Rye 3 fl. oz. per bushel

Use only the 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.

Automatic Seed Treaters — equipment that meters the proper amount of GRANOL Flowable and uniformly mixes it as the seed is being sugared into the planter or drill box. Be sure to calibrate equipment to set the proper amount of GRANOL Flowable on the seed. NEVER USE HANDS TO MIX GRANOL FLOWABLE WITH SEED. Stand upright while treating seed to avoid contact.

A dual purpose, ready-to-use, liquid formulation for control of smuts, seed decay and seedling blight and for temporary protection of seeds and seedlings against wireworms.

For on-the-farm treatment of seeds.

WHEAT — OATS — BARLEY — RYE

ACTIVE INGREDIENTS	%
Manab (methyl 2-thio-1,1-dimethyl-3-propyl-4-thio-1,2,4-triazole-5-carboxylate) (equivalent to manab 25% wettable powder) (25%)	21.0
Lindane (gamma hexachlorocyclohexane) (gamma-hexachlorocyclohexane)	10.5
INERT INGREDIENTS	68.5
This product contains: 2.00 lb. active ingredients per gallon	TOTAL: 100.0
1.00 lb. active ingredients per gallon	

EPA Reg. No. 2935-492 EPA Est. No. 37479-GA-1

KEEP OUT OF REACH OF CHILDREN WARNING

See inside panel for additional precautionary information

DIRECTIONS FOR USE

NEVER USE HANDS TO MIX GRANOL FLOWABLE WITH SEED.

Stand upright while treating seed to avoid contact.

Use only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time. Treated seed must not be used for or mixed with food or animal feed, or processed for oil.

Always wash hands and arms with soap and water before using toilet facilities.

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, well-ventilated place. Store above 0°F. Product stored at lower temperatures can be restored for use by warming up to approximately 70°F and thoroughly shaking or stirring before use. Do not store product near heat or flame. 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 with sand, earth or synthetic absorbent and shovel into 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: Trip's rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and 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.

NOTICE: The statements made on this label are intended to be the only accounts, 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, in any warranty, guarantee or representation, expressed or implied, concerning the 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 persons' 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.

Ideas to grow with® is a registered trademark of Wilbur-Ellis Company. Logo TM of Wilbur-Ellis Company. GRANOL is a registered trademark of IC, Canada, Inc.

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

BEST AVAILABLE COPY

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