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

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SEP - 9 1991

OFFICE OF
PESTICIDES AND TOXIC
SUBSTANCES

Ms. Joanne Pratt
Product Registration and Labeling Specialist
Wilbur Ellis Company
191 West Shaw Avenue, Suite 107
Fresno, CA 93704

Dear Ms. Pratt:

Subject: Label Amendment and Alternate Brand Names
Agrox 2-Way Dual Purpose Insecticide-Fungicide
Seed Treatment

or

Agrox 2-Way Dual Purpose Hopper Box
Insecticide-Fungicide Seed Treatment
EPA Registration No. 2935-466

Gammasan Insecticide-Fungicide Seed Treatment

or

✓ Gammasan Insecticide-Fungicide Hopper Box Seed Treatment
EPA Registration No. 2935-464

Granol Plus Insecticide and Fungicide Cereal Seed Treatment

or

Granol Plus Insecticide and Fungicide Seed Treatment for Wheat
EPA Registration No. 2935-472

Your Submissions Dated August 12, 14, and 20, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

1. We have no objection to your requests for the use of the following alternate brand names for your products.

- a. Agrox 2-Way Dual Purpose Hopper Box Insecticide-Fungicide Seed Treatment - EPA Registration No. 2935-466.

- b. Gammasan Insecticide-Fungicide Hopper Box Seed Treatment -
EPA Registration No. 2935-464.
- c. Granol Plus Insecticide and Fungicide Seed Treatment for
Wheat - EPA Registration No. 2935-472.
2. Please also submit corrected Confidential Statements of Formula
(CSFs) as requested in our letters dated August 15, 1991 and
August 26, 1991 for the subject products.
3. In the future when submitting amendments similar to the subject
amendments, it would facilitate our review if you highlighted the
changes on the revised labeling.

Sincerely yours,

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

Enclosure

AGRICULTURAL USE ONLY

DAMMASANTH*
INSECTICIDE FUNGICIDE
HOPPER BOX SEED TREATMENT

For the protection of germinating seeds and seedlings
of corn and sorghum against wireworms and
damping off, seed decay and
seedling blights.

ACTIVE INGREDIENTS	By Wt.
*Captan.....	32.76%
Related Derivatives.....	0.74%
**Lindane.....	16.60%
INERT INGREDIENTS (contains graphite).....	49.90%
TOTAL	100.00%

*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide
**Gamma isomer of benzene hexachloride

KEEP OUT OF REACH OF CHILDREN

DANGER

STATEMENT OF PRACTICAL TREATMENT

If swallowed, call a physician or the Poison Control Center immediately. Drink promptly large quantities of water. Avoid alcohol. Then 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 or convulsing person.

If inhaled, remove victim to fresh air. If not breathing give artificial respiration preferably by mouth-to-mouth. Get medical attention.

If on skin, wash with plenty of soap and water.

If in eyes, flush with plenty of water. Call a physician.

See side panel for additional precautionary statements.

EPA Est. No. 70-KY-1

NET WT. 2.7 OZ

EPA Reg. No. 2935-464

*DAMMASAN is a trademark of and used under license from
Imperial Chemical Industries PLC, England

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2935-164

PRECAUTIONARY STATEMENT
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER

Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through skin. May cause allergic skin reactions. Do not get in eyes. Avoid breathing dust. Avoid contact with skin, eyes and clothing. Treat outdoors or in a well ventilated place. Applicators who apply this product manually or without the use of a closed-system treatment procedure must wear the following protective clothing during the application process: long pants, gloves, and a disposable paper dust mask which covers at least one-third of the face. Wear goggles or face shield when handling. Wash thoroughly with soap and water after handling and before eating, drinking, or smoking. Remove and separately launder clothing and decontaminate shoes before reuse.

Avoid contamination of feed and foodstuffs. Do not use treated seeds for food, feed or oil purposes.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds and other wildlife. Exposed treated seeds may be hazardous to birds and other wildlife. In the event that treated seeds are spilled and cannot be salvaged, completely cover them with soil. Dispose of all excess treated seeds by burial away from bodies of water. Birds feeding on treated areas may be killed. Do not contaminate water by cleaning of equipment or disposal of wastes.

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PRODUCT INFORMATION

GAMMASAN Seed Treatment is a specially formulated combination of lindane for protection against wireworms and captan for protection against fungus diseases of corn and sorghum seeds and seedlings.

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.

Application Instructions: Planter Box Application Use Rate - Use Gammasan at a rate of 2.7 oz. (1 packet) per 50 pounds of seed, mix thoroughly with seed in planter box as follows:

1. Fill the planter box one-half full of seed.
2. Then add one-half the required amount of Gammasan and mix thoroughly with an axe handle or paddle (an axe handle or paddle used for seed treatment purposes only).
3. Then add the remaining one-half of the seed and then the remainder of the Gammasan and mix again until all seed is uniformly covered.
4. NEVER USE BARE HANDS TO MIX AND TREAT SEED.

Treat only those seeds needed for immediate use, minimizing the

Use only at the recommended rate. Lower amounts may not give desired control. Excessive amounts may cause seed injury.

Do not use on seed already treated with an insecticide other than Malathion or Methoxychlor (for control of stored grain insects). Use seed within one month treatment.

Regularly inspect planter plates and clean as required. If the seed treatment increases the friction between seeds sufficient to reduce the rate of delivery through a grain drill, 1 ounce of graphite per bushel of seed should be added as a drill lubricant. Adjust the seed drill to give the required rate of seed delivery with the treated seed.

ELECTRIC EYE POPULATION MONITORS

At the end of each day of use, or as often as required depending on field conditions, clean the electric eye monitor with the brushes provided by the planter manufacturer, according to their directions. Under extremely humid weather conditions, this cleanup process may need to be done more often.

Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

A dust mask must be worn when mixing and loading this product.

Wear goggles or face shield when handling.

Always wash gloves with soap and water before removing.

Wash thoroughly with soap and water after handling.

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

AFTER WORK: Take off all clothes and shoes. Shower using soap and water. Do not wear contaminated clothing. Wash protective clothing and equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with captan must be destroyed according to state and local regulations.

Treated seed must not be used for or mixed with food or animal feed, or processed for oil.

STORAGE AND DISPOSAL

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

STORAGE: Protect from excessive heat. Store in a cool, dry place, away from water, food, and feed.

Do not store with food for human consumption, feed or forage to be fed to any or all livestock animals. Do not transport or store near feed or food.

PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. 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

CONTAINER DISPOSAL: Completely empty each packet into application equipment. Then dispose of the packet in a sanitary landfill or by incineration if allowed by state and local authorities. If incinerated, 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 and liability resulting from improper handling, storage or use and accepts and uses this material on these conditions.

Wilbur-Ellis Company
P. O. Box 16458
Fresno, CA 93755

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IN CASE OF EMERGENCY CALL CHEMTREC 800/424-9300