

Reg # 2935-464

PM-13

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

DEC 16 1994

JOANNE STRIEBICH
WILBUR-ELLIS COMPANY
191 W. SHAW AVE., SUITE 107
FRESNO, CA. 93704

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 7/11/93 in Response to PR Notice 93-7
EPA Reg. No. 2935-464
GAMMASAN

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 subject to the comments reflected on the enclosed sheet. 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:

By the next label printing make all the specified changes to your labeling. 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/Cane Ink
contains at least 50% recycled paper

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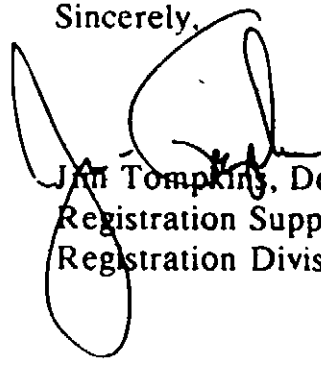
Submit the final printed labeling via the U.S. Postal Service to:

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

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Joanne Striebich
Wilbur Ellis .

Comments for: EPA REG. NO. 2935-464
Gammasan Insecticide-Fungicide
Hopper Box Seed Treatment

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

The respirator requirement for "applicators and other handlers" in the Personal Protective Equipment Section should read

Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Correct the typographical errors circled on your proposed label.



GAMMASAN®

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

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: A) Coveralls over long sleeved shirt and long pants. B) Waterproof gloves. C) Chemical-resistant footwear plus socks. D) Protective eyewear. E) Chemical-resistant headgear for overhead exposure. 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.

ENGINEERING CONTROLS STATEMENTS: When handlers use closed systems, enclose d cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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 when disposing of equipment washwaters. 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.

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.

AGRICULTURAL 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 and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), notification to workers and restricted-entry interval. The requirements in this box only apply to uses of the product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 days.

EXCEPTION: For the last 48 hours of the REI, workers may enter the treated area to perform hand labor other tasks involving anything that has been treated, such as plants, soil, or water, without time limit, if they wear the early-entry personal protective equipment listed below. If the product is used for seed treatment, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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) Waterproof gloves; C) Chemical-resistant footwear plus socks; D) Protective eyewear; E) Chemical-resistant headgear for overhead exposure.

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 THE ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH ALL APPLICABLE STATE AND FEDERAL REGULATIONS.

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.

Application Instructions: Planter Box Application Rate — Use Gammasan at a rate of 2.7 oz. (1 packet) for 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

VACUUM PLANTERS: Pour 50 pounds of seed into the planter box. Pour enough Gammasan on top of the seed to treat 50 pounds of seed. Mix thoroughly with an axe handle or paddle until seed is uniformly covered. Then add any plantability additive at the recommended rate to improve the seed flowability (etc.). Mix thoroughly once more with a paddle or axe handle to get uniform coverage. This process will provide the best seed flow through the planter while providing all the benefits of the seed treatment product.

Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Use only at recommended rates. Lower amounts may not give desired control. Excessive amounts may cause seed injury.

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INSECTICIDE-FUNGICIDE HOPPER BOX SEED TREATMENT RECOMMENDED FOR AGRICULTURAL USE

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

ACTIVE INGREDIENTS

*Captan
*Related Derivatives
**Lindane
*N-Trichloromethylthio-4-cyclohexene-1,2-dicarboximide
**Gamma isomer of benzene hexachloride

EPA Reg. No. 2935-464

EPA Est. No. 70-KY-1

KEEP OUT OF REACH OF CHILDREN DANGER — PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

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 person.

If inhaled: Remove victim to fresh air. If not breathing, give artificial respiration, preferably 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.

DIRECTIONS FOR USE (cont.)

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.

Use seed within one month of treatment.

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.

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

STORAGE AND DISPOSAL

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 Representative at the nearest EPA Regional Office for guidance.

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.

NOTICE - READ CAREFULLY

CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT

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, guarantee 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.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, exception for the purposes of curative control of existing disease or insect pests, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Wilbur-Ellis, no claims are made to guarantee germination of carry-over seed.

WILBUR ELLIS® and IDEAS TO GROW WITH® are trademarks of WILBUR ELLIS Company. GAMMASAN is a trademark of a Zeneca Group Company.

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