

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Linda Pearce
Wilbur-Ellis Company
PO Box 1286
Fresno, CA 93715

AUG 28 2003

Dear Ms. Pearce:

SUBJECT: Mancozeb Potato Seed Protectant
EPA Registration Number 2935-496
Your Submission of June 5, 2003

The amendment referred to above, submitted in connection with registration under section (3) of the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) is acceptable provided you make the following changes:

Ingredient Statement:

Change "maganese" to "manganese".

First Aid Statements:

Delete the phrase "Only for sale to, use and storage by agricultural and service persons."

Precautionary Statements:

Replace the existing precautionary statements with: "Harmful if swallowed, absorbed through skin or inhaled. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling."

Personal Protective Equipment and Agricultural Use Requirements Box:

Replace "waterproof gloves" with "chemical-resistant gloves made out of any water proof material" in the PPE statement and the Agricultural Use Requirements box.

Directions for Use - General Information:

Delete this heading and the statement "Mancozeb Seed Protectant is a unique and enhanced Douglas fir bark based formulation for application on whole or cut potato tubers to aid in the control of Fusarium Seed-Piece Decay." This statement is unacceptable because the basic formulation does not contain Douglas fir and Douglas fir is one of three carriers and is not the major component in the formulation. You cannot selectively identify inert ingredients not present in all formulations of a product although you may identify all inert ingredients in the ingredient statement.

Storage and Disposal:

- Delete the word "Prohibitions".
- Add the heading and text: "Pesticide Storage: Store in a cool dry place. Avoid contact with the floor and with moisture."

Although the Agency staff appreciates your use of larger font for this submission than for the previous stamped label dated April 17, 1997, future labels will not be accepted for review unless you use ten point font or larger.

Submit one (1) copy of your final printed labeling before you release the product for shipment. A stamped copy of the label is enclosed for your records.

If you have any questions, please contact Lisa Jones of my staff by phone at (703) 308-9424 or by e-mail at jones.lisa@epa.gov.

Sincerely,



Mary L. Waller
Product Manager (21)
Fungicide Branch
Registration Division (7505C)

Enclosure: Stamped label

CONCURRENCES							
SYMBOL ▶	7505C						
SURNAME ▶	Lisa Jones						
DATE ▶	Aug 27, 2003						



IDEAS TO GROW WITH®

MANCOZEB

POTATO SEED PROTECTANT FUNGICIDE

ACTIVE INGREDIENTS:

A coordination product of zinc ion and manganese ethylene bisdithiocarbamate		6.00%
In which the ingredients are:		
Manganese	1.20%	
Zinc	0.15%	
Ethylene bisdithiocarbamate ion	4.65%	
INERT INGREDIENTS	94.00%	
TOTAL	100.00%	

EPA Reg. No. 2935-496

EPA Est No. 2935-CA-1

KEEP OUT OF REACH OF CHILDREN CAUTION

ONLY FOR SALE TO, USE AND STORAGE BY AGRICULTURAL AND SERVICE PERSONS.

FIRST AID

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

If swallowed: -Call a poison control center or doctor immediately for treatment advice.
 -Have person sip a glass of water if able to swallow.
 -Do not induce vomiting unless told to do so by a poison control center or doctor.
 -Do not give anything by mouth to an unconscious person.

If on skin or clothing: -Take off contaminated clothing.
 -Rinse skin immediately with plenty of water for 15-20 minutes.
 -Call a poison control center or doctor for treatment advice.

If inhaled: -Move person to fresh air.
 -If person is not breathing, call 91 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
 -Call a poison control center or doctor for further treatment advice.

If in eyes: -Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
 -Call a poison control center or doctor for treatment advice.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May cause irritation of eyes, nose and throat. Do not breathe dust. Do not get in eyes, on skin or on clothing. Wash hands, arms and face thoroughly with soap and water after handling and before eating or smoking; wear clean clothing. Avoid drift. Do not contaminate feed or food products. Do not rub eyes or mouth with hands.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear: A) Coveralls over long-sleeved shirt and long pants; B) Waterproof gloves; C) Shoes plus socks.

Mixers and Loaders must wear: A) Coveralls over long-sleeved shirt and long pants; B) Waterproof gloves; C) Shoes plus socks; D) Protective eyewear; E) Chemical-resistant apron when mixing or loading.

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.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Cover or incorporate spilled treated seed. Do not allow this product to drift into neighboring crops or use in a manner different from the label directions. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark.

CHEMICAL OR PHYSICAL HAZARDS

IMPORTANT: Keep away from fires and sparks. Store in a safe place. Do not allow to become wet or overheated in storage. This may bring on chemical changes which will impair the fungicidal effectiveness of MANCOZEB and may also generate flammable vapors. Keep container closed when not in use.

USER SAFETY RECOMMENDATIONS

Users should: 1) Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. 2) Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. 3) 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.

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.

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.

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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, 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 this 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 12 hours.

EXCEPTION: 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) Shoes plus socks; D) Protective eyewear.

GENERAL INFORMATION

Mancozeb Potato Seed Protectant is a unique and enhanced Douglas fir bark based formulation which contains calcium and other plant nutrients.

DIRECTIONS FOR USE Continued:

POTATOES: Mancozeb Potato Seed Protectant Fungicide is a special fungicide formulation for application on whole or cut potato tubers to aid in the control of Fusarium Seed-Piece Decay.

Use 1 lb. Mancozeb Potato Seed Protectant Fungicide per 100 lbs of whole or cut potato seed-pieces. Apply so that the entire surface of the seed-piece is thoroughly covered by the fungicide. To avoid the breakdown of seed-pieces, treat just prior to planting.

DO NOT USE TREATED SEED POTATOES FOR FOOD OR FEED PURPOSES.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food or feed by storage or disposal. Open dumping is prohibited.

PESTICIDE DISPOSAL: Pesticide or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

CONTAINER DISPOSAL: Completely empty bag by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of bags in a sanitary landfill or by incineration if allowed by State and local authorities.

GENERAL: Consult Federal, State or local Disposal Authorities for additional restrictions and approved alternatives.

**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, 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.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, except for the purposes of curative control of existing disease or insect pests, may result in reduced germination and/or reduction of seed and of 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 COMPANY, no claims are made to guarantee germination of carry-over seed.

WILBUR-ELLIS Logo® and IDEAS TO GROW WITH® are registered trademarks of WILBUR-ELLIS Company.

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In Case of Emergency, Call CHEMTREC: (800) 424-9300

NET CONTENTS: 50 POUNDS

Manufactured in U.S.A. by:

WILBUR-ELLIS COMPANY
P.O. BOX 16458 – FRESNO CA 93755

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

AUG 28 2003

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

2935-496

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