8/27/2009



# U.S. ENVIRONMENTAL PROTECTION

AGENCY
Office of Pesticide Programs
Registration Division (7505P)
Ariel Rios Building
1200 Pennsylvania Ave., NW
Washington, D.C. 20460

EPA Registration.
Number:

Date of Issuance:

2935-496

AUG 27 2009

NOTICE OF PESTICIDE:

\_\_ Registration
\_x Reregistration
(under FIFRA, as amended)

Term of Issuance: Unconditional

Name of Pesticide Product:
Nubark Mancozeb Potato Protectant

Name and Address of Registrant (include ZIP Code):

Wilbur-Ellis Company 2737 S Golden State BLVD Fresno, CA, 93725

Note: Changes in labeling 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 EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the 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.

Based on your response to the Reregistration Eligibility Decision for Mancozeb, EPA has reregistered the product listed above provided that you make the following changes and submit data requested as follows:

Continued on Page 2

Signature of Approving Official:

Date:

8/27/2009

Mary L. Waller, Product Manager (21)

Mary L. Waller

Fungicide Branch

Registration Division (7505P)

EPA Form 8570-6



You must make the following changes:

### Page 1 – Ingredient Statement:

Change "A coordination product of zinc ion . . . " to "Mancozeb: A coordination product of zinc ion . . . "

Change "Inert Ingredients" to "Other Ingredients."

## Page 2 – First Aid Statement:

Move the "If in eyes" row to the top of the First Aid table.

# Page 2 – User Safety Requirements box:

Place the text "Follow manufacturer's instructions . . . Do not reuse them." into a box and entitle the box "User Safety Requirements."

### Page 2 – Personal Protective Equipment and Engineering Controls:

Delete the asterisk after the N\* in the phrase "... or any N\*, R, P or HE filter."

# Page 2 - Chemical or Physical Hazards:

Change "This may bring on chemical changes which will impair the fungicidal effectiveness of Mancozeb . . ." to "This may bring on chemical changes which will impair the fungicidal effectiveness of Nubark Mancozeb Potato Seed Protectant Fungicide. . ."

# Page 3 – Agricultural Use Requirements Box:

Change "Exception: Once these see-pieces are planted in soil or other planting media..." to "Exception: Once these seed-pieces are planted in soil or other planting media..."

### Page 3 – Language Required on Bags Containing Treated Seed-Pieces:

Delete the asterisk after the N\* in the phrase "... or any N\*, R, P or HE filter."

Move "Treated Seed-pieces – Do not use for Food, Feed or Oil Purposes." so that it immediately precedes "When opening this bag..."

After "Treated Seed-pieces – Do not use for Food, Feed or Oil Purposes." has been moved, place the rest of the text in the box into quotation marks exactly as follows:

"Treated Seed-pieces – Do not use for Food, Feed or Oil Purposes

When opening this bag or loading/pouring the treated seed/seed-pieces, wear long-sleeved shirt, long pants, shoes, socks, chemical resistant gloves, and a NIOSH-approved respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any, R, P, or HE filter.

After the seed-pieces have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours. Exception: Once the seed/seed-pieces are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface."

# Page 3 – Storage and Disposal:

Delete the sentence "Personnel should use clothing and equipment consistent with good pesticide handling." from "Pesticide Storage."

# Page 4 – Company Address:

Change the sentence: "The Directions for Use of the product should be followed carefully." to "The Directions for Use of the product must be followed carefully."

# Page 4 – Company Address:

At the very end of the label, change "P.O. Box 16458" to "2737 S. Golden State Blvd." and change "93755" to "93725".

You must submit one (1) copy of the final printed label before the product is released for shipment. Product shipped after 12 months from the date of this Notice or the next printing of the label whichever occurs first, must bear the new revised label.

If you have any questions or comments regarding this letter, please contact Lisa Jones at (703) 308-9424 or jones.lisa@epa.gov.

Sincerely,

Mary L. Waller

Product Manager (21)

Fungicide Branch

Registration Division (7505P)

Mary L. Waller

Enclosures:

31 October 2008 Product Chemistry Review

4 June 2008 Acute Toxicity Review

25 November 2008 Preliminary Label Review Stamped copy of label "accepted with comments"





# **NUBARK MANCOZEB**

# POTATO SEED PROTECTANT — FUNGICIDE

Stamped "Accepted with comments 27 August 2009 on 2nd page

A coordination product of zinc ion and manganese	213 (agus 200
ethylene bisdithiocarbamate	6.00%
Manganese**	
Zinc++	
Ethylene bisdithiocarbamate ion (C <sub>4</sub> H <sub>6</sub> N <sub>2</sub> S <sub>4</sub> )	4.65%
INERT INGREDIENTS	
	100.00%

EPA Reg. No. 2935-496

**ACTIVE INGREDIENTS:** 

EPA Est No. 2935-CA-1

# KEEP OUT OF REACH OF CHILDREN CAUTION

Have the prod	. FIRST AID  uct container or label with you when calling a poison control center or doctor, or going for treatment.
If inhaled:	-Move person to fresh airIf person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possibleCall 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 minutesRemove contact lenses, if present, after the first 5 minutes, then continue rinsing eyeCall a poison control center or doctor for treatment advice.
If on skin or clothing:	-Take off contaminated clothingRinse skin immediately with plenty of water for 15-20 minutesCall a poison control center or doctor for treatment advice.
If swallowed:	-Call a poison control center or doctor immediately for treatment adviceHave person sip a glass of water if able to swallowDo not induce vomiting unless told to do so by a poison control center or doctorDo not give anything by mouth to an unconscious person.

# PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

# PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are neoprene, polyvinyl chloride or nitrile. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Nubark Mancozeb, page 2 of 4

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Loaders, applicators, and other handlers must wear: A) Long-sleeved shirt and long pants; B) Chemical-resistant gloves made out of any waterproof material; C) Shoes and socks and D) a NIOSH-approved respirator with dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any N\*, R, P, or HE filter.

See engineering controls for additional requirements.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing or other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

#### **ENGINEERING CONTROLS**

Large scale seed piece treatment facilities that, on any given week in the current year or in the past year, treated  $\geq 50,000 \, cwt$  ( $\geq 2,500 \, tons$ ) must use dust collection system during the treatment of the seed pieces that prevents dust from contacting handlers or other persons.

Handlers using the dust collection system must wear: A) Long-sleeved shirt and long pants; B) Chemical-resistant gloves (except pilots, groundboom applicators and airblast applicators) C) Shoes and socks and D) must be provided with, have immediately available, and wear in an emergency, such as a broken package, spill, or equipment breakdown: a NIOSH-approved respirator with dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any N\*, R, P, or HE filter.

#### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic organisms. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water, or to areas where surface water is present, or to inter-tidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwater or rinsate.

### PHYSICAL OR CHEMICAL HAZARDS

**IMPORTANT:** Keep away from fire 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/ PPE 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.

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.

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

ACCEPTED
with COMMENTS
In EPA Letter Dated:

AUG 27 2009

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



### 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 24 hours.

**Exception:** Once these see-pieces are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface.

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; B) Chemical-resistant gloves made out of any waterproof material; C) shoes plus socks.

**POTATOES:** Nubark 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.

### Language required for bags containing treated seed-pieces:

Seed-pieces that have been treated with this product that are then package or bagged for future use must contain the following labeling on the outside of the seed/seed-piece package or bag:

When opening this bag or loading/pouring the treated seed/seed-pieces, wear long-sleeved shirt, long pants, shoes, socks, chemical resistant gloves, and a NIOSH-approved respirator with a dust/mist filter with MSHA/NIOSH approval number prefix TC-21C or any N, R, P, or HE filter.

Treated Seed/Seed-Pieces - Do not use for Food, Feed, or Oil Purposes.

After the seeds/seed-pieces have been planted, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 24 hours. Exception: Once the seed/seed-piece are planted in soil or other planting media, the Worker Protection Standard allows workers to enter the treated area without restriction if there will be no worker contact with the soil/media subsurface.

### STORAGE AND DISPOSAL

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

**PESTICIDE STORAGE:** Store in a safe manner. Store in original container only. Store in cool, dry place. Never allow this product to become wet during storage. Moisture may lead to chemical changes which reduce fungicidal efficacy and create vapors which may be flammable. Reduce stacking height where local conditions, such as humidity or pallet overhang, can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking and penetration of moisture.

**PESTICIDE DISPOSAL:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

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### Conditions of Sale and Limitation of Warranty and Liability:

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using the product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

# ALL STATEMENTS MADE HEREIN ARE SUBJECT TO APPLICABLE LAW, AND TO THE EXTENT THERE IS ANY INCONSISTENCY OR CONTENTION, APPLICABLE LAW SHALL GOVERN.

The Directions for Use of the product should be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of many different factors including, without limitation, manner of use or application, weather, combination with other products, or crop conditions. All such risks shall be assumed by Buyer and User, and Buyer and User agree to hold Manufacturer and Seller harmless from any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label. EXCEPT FOR THIS WARRANTY, THE PRODUCT IS FURNISHED "AS-IS", AND NEITHER SELLER NOR MANUFACTURER MAKES ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, PURCHASE OR USE OF THIS PRODUCT; SELLER AND MANUFACTURER SPECIFICALLY DISCLAIM ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Buyer and User accept all risks arising from any use of this product, including without limitation uses contrary to label instructions, under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or Manufacturer.

Neither Manufacturer nor Seller shall be liable for any incidental, consequential or special damages resulting from the use or handling of this product. THE EXCLUSIVE REMEDY OF THE BUYER OR USER, AND THE EXCLUSIVE LIABILITY OF MANUFACTURER AND SELLER, FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT, OR, AT THE ELECTION OF MANUFACTURER OR SELLER, THE REPLACEMENT OF THE PRODUCT.

These Conditions of Sale and Limitation of Warranty and Liability shall be interpreted in accordance with the laws of the State of California, excluding its conflicts of laws or rules, and may not be amended by any oral or written agreement.

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F-041609

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

**NET CONTENTS: 50 POUNDS** 



P.O. BOX 16458 - FRESNO CA 93755

Batch	Code		
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