

Reg # 42056-15

PM-21

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

FEB 03 1994

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Tim McArdle  
TRACE CHEMICALS INC  
BOX 518  
PEKIN, IL 61555

Subject: Label Amendment Submission of 09/09/93 in Response to PR Notice 93-7  
EPA Reg. No. 42056-15  
TCI MANCOZEB-LINDANE SEED TREATMENT

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/Canola Ink on paper that  
contains at least 50% recycled fiber

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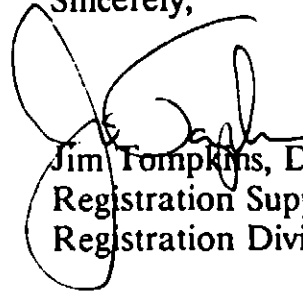
Submit the final printed labeling via the U.S. Postal Service to:

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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TRACE CHEMICALS INC.  
TCI MANCOZEB-LINDANE SEED TREATMENT  
42056-15 09/09/93  
Original Submission

Place the heading "Personal Protective Equipment" on your labeling in the location shown in Section A on Part I of the Product Worksheet in Supplement Three-A to PR Notice 93-7.

Correct the typographical errors circled on your proposed label.

WPS AMENDED LABEL

Front Panel

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TCI  
TRACE CHEMICALS, INC.

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

FEB 03 1994

Mancozeb-Lindane Seed Treatment  
Insecticide-Fungicide  
for  
Drill-Box Application  
to

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

42056-15

Wheat, Oats, Barley, Rye, Corn, Sorghum

Active Ingredients:

By Wt.

Mancozeb

A coordination product of zinc ion and manganese ethylene  
bisdithiocarbamate.....50.00%

In which the ingredients are:

Manganese++.....10.00%

Zinc+++.....1.25%

Ethylene Bisdithiocarbamate ion  
(C<sub>4</sub>H<sub>8</sub>N<sub>2</sub>S<sub>4</sub>).....38.75%

Lindane (Gamma isomer of benzene hexachloride).....18.75%

Inert Ingredients..... 31.25%  
Total 100.00%

This product contains 10.0% graphite.

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

Si usted no entiende la etiqueta, busque a alguien para 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 physician or poison control center. Drink one or  
two glasses of water and induce vomiting by touching back of throat  
with finger. Do not induce vomiting or give anything by mouth to an  
unconscious person. Avoid alcohol.

If in eyes: Hold eyelids open and wash with a steady gentle stream of  
water for 15 minutes. Get medical attention.

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. Get medical attention

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 42056-15  
EPA EST. 42506-IL-1

Net Wt. 5 lbs. (2.27 KG)

Manufactured by:  
TRACE CHEMICALS, INC.  
Pekin, Illinois 61555-0518

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS (& DOMESTIC ANIMALS)****WARNING**

May be fatal if swallowed. Causes substantial but temporary eye injury. Harmful if inhaled or absorbed through skin. May cause irritation of nose, throat and skin. Do not get in eyes or on clothing. Avoid contact with skin and breathing dust or spray mist. Do not rub eyes or mouth with hands. Keep all unprotected persons, children, livestock and pets away from treated area or where there is danger of drift.

Applicators and other handlers must wear: coveralls over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear, chemical resistant apron when cleaning equipment, 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.

**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.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, birds and other wildlife. Do not apply directly to lakes, streams or ponds. Do not contaminate water when disposing of equipment washwaters. Apply this product only as specified on the label. Exposed treated seeds may be hazardous to birds and other wildlife. Cover or incorporate spilled treated seed. Dispose of all excess treated seeds by burial away from bodies of water.

**STORAGE AND DISPOSAL**

**Storage:** Store in a cool dry place. Do not allow product to become wet or overheated.

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

**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:** Triple-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.

**USE RESTRICTION**

Users should carefully read, understand and follow all use restrictions prior to using Mancozeb-Lindane Seed Treatment. If this product is used on a crop, no other product containing a different EBDC active ingredient may be used on the same crop during the same growing season. Treated seed must not be used for or mixed with animal feed or processed for oil. Care must be exercised in the handling of treated seed. Treat only those seed needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

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Right Side Panel

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.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and 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), 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 soil-injected or soil-incorporated, 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: coveralls over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear.

PRODUCT INFORMATION

TCI Mancozeb-Lindane Seed Treatment is formulated to protect seeds against stinking smut (bunt) of wheat, oat smuts, covered and false loose smuts of barley, seed decay and damp-off. Also protects seeds and seedling from wireworm damage. TCI Mancozeb-Lindane seed treatment is formulated with graphite to lubricate the planter and assure a smooth even flow in the furrow.

- Rate:
- Wheat, Oats, Barley, Rye.....Use 2 ounces per bushel of seed.
  - Corn, Sorghum.....Use 3 ounces per bushel of seed.

NOTE: One level scoop (enclosed) is equivalent to approximately one avoirdupois ounce of this product.

Apply as a drill-box or planter-box treatment. For best results, fill planter box or drill only half full of seed, add half the required amount of Mancozeb-Lindane Seed Treatment and mix thoroughly with a stick or paddle. Add the remainder of the seed and product and mix again so that all seeds are covered. DO NOT MIX WITH BARE HANDS.

IF SOIL TEMPERATURE IS EXTREMELY HIGH (hot weather, midsummer planting or other reasons) reduce recommended dosage by one-third. Avoid lengthy storage of treated seeds to prevent loss of Lindane.

CONDITIONS OF SALE

TRACE CHEMICALS, INC. warrants that this material conforms to its label description and is reasonably fit for use if used strictly in accordance with label directions. But neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, expressed or implied extends to the use of this product, contrary to label instructions. Since other factors such as, but not limited to, planter malfunctions, herbicide injury, fertilizer injury, floods and drought can affect seed germination and emergence, even when this material is used according to label directions, Buyer assumes all risks incident thereto. Trace's and Seller's liability shall be limited to return of the purchase price.

TRACE CHEMICALS, INC.  
Pekin, Illinois 61555-0518