

Reg # 42056-13

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

MAR 4 1994

Tim McArdle  
TRACE CHEMICALS INC.  
P. O. Box 518  
Pekin, IL 61555 19103

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 09/09/93 in Response to PR Notice 93-7  
EPA Reg. No. 42056-13  
TCI MANEB-LINDANE

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

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TRACE CHEMICALS INC  
TCI MANEB-LINDANE  
42056-13 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 typographical errors circled on your proposed label.

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WPS AMENDED LABEL

Front Panel

TCI  
TRACE CHEMICALS, INC.

Maneb-Lindane Seed Treatment  
Insecticide-Fungicide

Active Ingredients:	By Wt.
Maneb (Manganese ethylene bisdithio-carbamate)..... (Equivalent to manganese metallic 14.63%)	50.00%
Lindane (Gamma isomer of benzene hexachloride).....	18.75%
Inert Ingredients.....	31.25%
Total	100.00%

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

Si usted no entiende la etiqueta, busque a algunen 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: Dilute by giving two glasses of water to drink and call a physician. Never give anything by mouth to an unconscious person.

If Inhaled: Move subject to fresh air.  
If in Eyes: Flush eyes with large amount of water for a least 15 minutes. Consult a physician if irritation persists.

If on Skin: Wash affected skin areas with soap and water.

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

EPA REG. NO. 42056-13  
EPA EST. 42506-IL-1

Net Wt. 5 lbs. (2.27 KG)

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

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAR 4 1966  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
42056-13

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Back Left Panel

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

May be fatal if swallowed. May be absorbed through skin. Do not breathe dust. May cause irritation of nose, throat, eyes and skin. Do not rub eyes or mouth with hands. See Statements of Practical Treatment.

Applicators and other handlers must wear: coveralls over long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, chemical resistant apron when cleaning equipment, mixing or loading. A respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number 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.

**User Safety Recommendations:**

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticides 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 water or to areas where surface water is present. Do not contaminate water when disposing of equipment washwaters or disposing of wastes. Exposed treated seeds may be hazardous to birds and other wildlife. Cover or incorporate spilled treated seed.

**STORAGE AND DISPOSAL**

**PROHIBITIONS** - Do not contaminate water, food, or feed by storage, disposal or cleaning of equipment. Open dumping is prohibited. Do not reuse empty container.

**STORAGE** - Keep away from fire and sparks. Store in a cool, dry, well-ventilated area. Do not allow to become wet or overheated in storage; decomposition, impaired activity, or fire may result. Keep container closed when not in use.

**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.

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**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.

**PRODUCT INFORMATION**

TCI Maneb-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 Maneb-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 Maneb-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.**

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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.

#### USE RESTRICTION

Users should carefully read, understand and follow all use restrictions prior to using Maneb-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.

#### 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. Neither Trace or Seller makes any other warranty, expressed or implied, as to merchantability or fitness for a particular purpose. Since storage, weather, soil or plant conditions, farming practices and other factors beyond Trace's control may adversely affect crop yield, even when this material is used in accordance with label directions, Buyer assumes all risks incident thereto. Trace's and Seller's liability shall be limited to return of the purchase price.

Dithane<sup>®</sup> is a registered trademark of the Rohm and Haas Company.

TRACE CHEMICALS, INC.  
Pekin, Illinois 61555-0518