

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

BEST AVAILABLE COPY

JUL 29 1992

Mr. Tim McArdle
Trace Chemicals Incorporated
P.O. Box 518
Pekin, IL 61555-0518

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Dear Mr. McArdle:

Subject: Amended Labeling in Response to the EBDC PD-4
TCI Maneb-Lindane
EPA Registration No. 42056-13
Your Submission Dated April 3, 1992

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided that you:

1. Make the following labeling changes listed below before you release the product for shipment bearing the amended labeling:

a. Under Worker Protection Statements, reinstate the requirement for use of a pesticide respirator. This is required due to the lindane in the formulation. The EBDC PD-4 does not remove this requirement.

b. In the first paragraph under Precautionary Statements, add appropriate description of respirator as included in your previous label and delete "goggles or face shield". Similar changes must be made in the Worker Protection Statements.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

A stamped copy of the labeling is enclosed for your records.

Sincerely yours,

Susan T. Lewis
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (H7505C)

Enclosure		CONCURRENCES					
SYMBOL	H7505C:J.Fairfax:7/29/92:42056-13						
SURNAME							
DATE							

ACCEPTED
WITH COMMENTS
initials and date

Front Panel

JUL 23 1973

Under the Federal Insecticide, Fungicide, and Rodenticide Act and related laws, this product has been registered under EPA Reg. No.

42056-13

TCI
TRACE CHEMICALS, INC.

Maneb-Lindane Seed Treatment
Insecticide-Fungicide

Active Ingredients:

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

KEEP OUT OF REACH OF CHILDREN

WARNING

STATEMENT OF PRACTICAL STATEMENT

- 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

PRECAUTIONARY STATEMENTS

Hazards to Humans and 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. PROTECTIVE CLOTHING AND EQUIPMENT: All agricultural workers/handlers (i.e., mixers, loaders, and applicators) applying EBDCs must wear coveralls over long sleeved shirt and long pants; shoes, socks, and chemical resistant gloves. During mixing and loading, a chemical-resistant apron and goggles or a face shield must also be worn. Refer to Worker Protection Statements for additional Worker Safety rules.

ENVIRONMENTAL HAZARDS

This pesticide 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. Opening 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 rinstate 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.

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® is a registered trademark of the Rohm and Haas Company.

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.

DIRECTIONS FOR USE

It is violation of Federal law to use this product in a manner inconsistent with its labeling.

WORKER PROTECTION STATEMENTS
Worker Safety Rules

Keep all unprotected persons, children, livestock and pets away from treated area or where there is a danger of drift. Do not rub eyes or mouth with hands. See Statements of Practical Treatment. Personal Protection Equipment - For mixers, loaders, applicators. HANDLE THIS PRODUCT ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT: All agricultural workers/handlers (i.e., mixers, loaders and applicators) applying EBDCs must wear coveralls over long-sleeved shirt and long pants; shoes, socks and chemical resistant gloves. During mixing and loading, a chemical-resistant apron and goggles or a face shield must also be worn. IMPORTANT!! - Before removing gloves, wash them with soap and water. Always wash hands, face, and arms with soap and water before eating, smcking or drinking. Always wash hands and arms with soap and water before using the toilet. After work take off all clothes and shoes. Shower using soap and water. Wear only clean clothes. Do not use contaminated clothing. Wash protective clothing and protective equipment with soap and water after each use. Personal clothing worn during use must be laundered separately from household articles. Clothing and protective equipment heavily contaminated or drenched with Maneb-Lindane Seed Treatment must be destroyed according to state and local regulations. HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

Rate:

Wheat, Oats, Barley, Rye.....Use 2 ounces per bushel of seed.
Corn, Soybeans.....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.

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.

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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.