

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

JAN 30 1992

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Mr. J. Allen Dunlap III
 Platte Chemical Company
 419 18th Street
 P.O. Box 667
 Greeley, CO 80632

Dear Mr. Dunlap:

Subject: Amendment - Revised Labeling
 Maneb-L Seed Treater
 EPA Registration No. 34704-46
 Your Letters To PM 21 Dated May 14, 1990 and
 October 2, 1990

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 make the labeling changes indicated below prior to release for shipment of product bearing the amended labeling.

1. Revise the Precautionary Statements and Environmental Hazards sections and the protective clothing statements according to the labeling for Maneb-Lindane Seed Protectant, EPA Reg. No. 34704-39.
2. Delete the statements regarding labeling of treated seeds since this is not required for drill or planter box applications.
3. Delete the reference to closed-system treatments since this is not appropriate for a drill or planter box.
4. Add the heading **Physical and Chemical Hazards** to the labeling and place the statements referring to the flammability of maneb.

CONCURRENCES

SYMBOL	SURNAME	DATE					
	SA	1/29/92					

Submit five copies 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,

George T. LaRocca
Product Manager 13
Insecticide-Rodenticide Branch
Registration Division (H7505C)

Enclosure



MANEB-L

Seed Treater

ACCEPTED
BY THE U.S. DEPARTMENT OF AGRICULTURE
ON 12/11/68

JAN 30 1992

34704-46

SEED DISINFECTANT AND INSECTICIDE FOR DRILL OR PLANTER BOX APPLICATION

ACTIVE INGREDIENTS:

Maneb (manganese ethylenebisdithiocarbamate) (equivalent to manganese metallic 10.3%)	50.00%
LINDANE (Gamma isomer of Benzene Hexachloride)	18.75%
INERT INGREDIENTS	31.25%
TOTAL	100.00%

KEEP OUT OF REACH OF CHILDREN CAUTION

STATEMENT OF PRACTICAL TREATMENT

If swallowed—Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching the back of throat with finger. Repeat until vomit fluid is clear. Do not induce vomiting or give anything by mouth to an unconscious person.

If inhaled—Remove victim to fresh air. Apply artificial respiration if indicated.

If on skin—Remove contaminated clothing and wash affected areas with soap and water.

If in eyes—Flush eyes with plenty of water. Call a physician if irritation persists.

(See Below For Additional Cautions)

See below for use instructions and terms of sale.

EPA REG. NO. 34704-46

EPA EST. NO. _____

NET WEIGHT _____ POUNDS

27831

EXPOS090

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed. Avoid inhaling fumes. This material may cause skin irritation. Wash hands and face thoroughly after using. Do not store near heat or open flame. Use with adequate ventilation. Keep container closed. Do not use on treated seed for food, feed or oil purposes. Avoid contact with skin, eyes, or clothes. Avoid contact with MANEB-L SEED TREATER. It may be fatal if inhaled or swallowed or may be absorbed through the skin. Do not breathe dust. Wear mask over mouth and nose while handling. Wash thoroughly with soap and water after handling and before eating or smoking. In case of contact with eyes, flush with plenty of water and get medical attention.

Applicators who apply this product manually or without the use of a closed-system treatment procedure must wear the following protective clothing during the application process: long sleeved shirt, long pants, gloves, and a disposable paper dust mask which covers at least one third of the face. This product should be applied in a well-ventilated area. Store treated seed in a ventilated place away from food-stuffs. Keep container tightly closed when not in use. Avoid any contamination of feed and foodstuffs. Do not use any treated seed for feed.

If Manganese ethylene bisdithiocarbamate (Maneb) becomes wet in storage, its fungicidal effectiveness may be reduced and it may also

produce flammable vapors. KEEP AWAY FROM FLAMES OR SPARKS. Store in a cool, dry place.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, birds, and other wildlife. Do not apply directly to water or wetlands. Drift and runoff from treated areas may be hazardous to fish in neighboring areas. Do not contaminate water by cleaning of equipment or disposal of wastes.

Exposed treated seed may be hazardous to birds and other wildlife. Dispose of all excess treated seeds by burial away from bodies of water.

NOTE: Treated seed should be labeled as follows:

DISINFECTED SEED

POISONOUS TO ANIMAL AND MAN
DO NOT USE FOR FOOD, FEED OR OIL

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Treat only those seeds needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seeds beyond planting time.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly.

STORAGE: Store in safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. 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.

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: Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residue into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If the can is contaminated and cannot be reused, dispose of in the same manner.

PERSONAL PROTECTIVE EQUIPMENT

MIXERS, LOADERS, AND APPLICATORS MUST WEAR THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT: a long sleeved shirt and long pants or a coverall; chemical-resistant gloves; shoes, socks, and goggles or a face shield. During mixing and loading, a chemical-resistant apron 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, smoking 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 drenched with maneb must be destroyed according to state and local regulations. DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.

PRODUCT INFORMATION

MANEB-L SEED TREATER is a special seed treatment formulation of Manganese ethylene bisdithiocarbamate (Maneb) and Gamma isomer

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MANEB-L SEED TREATER

EPA REG. NO. 34704-46

of Benzene Hexachloride (Lindane), which, when used in accordance with Directions For Use, protects crops, corn and soybeans against certain soil-borne diseases such as stinking smut of wheat, oat smut, covered and false loose smut of barley, and bunt of rye. It also gives temporary protection to cereal crops, corn and soybeans against certain soil-borne diseases such as root rot, seedling blight and for temporary protection of seeds and seedlings against wireworms.

MANEB-L SEED TREATER is especially designed for on-the-farm application as a Drill Box Treatment.

A ready to use, dual purpose formulation, for the control of seed-borne and soil-borne diseases and for temporary protection of seeds and seedlings against wireworms.

Controls Certain Soil-Borne and Seed-Borne Diseases plus wireworm.

Wheat	Flax
Barley	Rye
Oats	Corn
Soybeans	

WHEAT—Use rate of 1.5 ozs. per bushel.
BARLEY, OATS, RYE—Use rate of 2 ozs. per bushel.
FLAX—Use rate of 4 ozs. per bushel.
CORN and SOYBEANS—Use rate of 2½ ozs. per bushel.

Mix MANEB-L SEED TREATER thoroughly into the seed.

(1) Placing and leveling one-half of the seed in the drill or planter box and sprinkle one-half of the total MANEB-L SEED TREATER required (for the full planter box) uniformly on or under the surface of the seed. Mix the remaining one-half of the powder on or under the surface and mix again until all streaking has disappeared and coloring of seed appears uniform. DO NOT MIX WITH HANDS.

(2) Drizzle the required amount of MANEB-L SEED TREATER into each bushel of seed as it is poured into the drill box and mix with a paddle until uniform.

Avoid very deep seeding and exceptionally early sowing under poor conditions for maximum benefits. Use only recommended rates. Seed should be well cured, dry and clean before treatment.

NOTICE

Platte warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of the product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Platte. In no case shall Platte be liable for consequential, special or indirect damages resulting from the use or handling of this product. Such risks shall be assumed by the buyer. Platte makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

Lindane Mixture
RQ NA2761

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FORMULATED FOR
PLATTE CHEMICAL CO.
150 SO. MAIN STREET FREMONT, NEBRASKA 68025