

PM 21 42056-6

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MAY 28 1990

Mr. Tim A. McArdle
Trace Chemicals, Inc.
P.O. Box 518, 839 Brecken Dr.
Pekin, IL 61555-0518

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Dear Mr. McArdle:

**Subject: Amended Labeling: Add Wheat Oats Barley, Rye, Sorghum and
Safflower Seed Treatment
Dithane Seed Treatment
EPA Registration No. 42056-6
Your Submission Dated March 13, 1989**

The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/re-registration of your product under FIFRA section 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

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

Sincerely yours,

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Susan Lewis
Product Manager (21)
Fungicide-Herbicide Branch
Registration Division (N7505C)

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CONCURRENCES							
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T C I
Dithane Seed Treatment
for
Drill Box Application
to
Wheat, Oats, Barley, Rye, Sorghum, Safflower and Rice

Active Ingredient

A coordination product of zinc ion and manganese ethylene
 bisdithiocarbamate..... 50%
 In which the ingredients are:
 Manganese⁺⁺.....10.00%
 Zinc⁺⁺..... 1.25%
 Ethylene Bisdithiocarbamate ion
 (C₄H₆N₂S₄).....38.75%

Inert Ingredients..... 50%

Total.....100%

This product contains 15.0% Graphite.

KEEP OUT OF REACH OF CHILDREN

CAUTION

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 SIDE PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

NET WEIGHT: 5 POUNDS

EPA Reg. No. 42056-6

EPA Est. No. 42056-IL-1

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

ACCEPTED
 with COMMENTS
 in EPA Letter Dated:

MAY 28 1990

Under the Federal Insecticide,
 Fungicide, and Rodenticide Act as
 amended, for the pesticide
 registered under EPA Reg. No.
 42056-6

PRODUCT INFORMATION

TCI Dithane Seed Treatment is a formulation designed for the treatment of wheat, oats, barley, rye, sorghum and safflower and rice in the drill-box at planting time. It will control bunt of wheat and rye, covered smuts of oats and barley, covered kernel smut of sorghum, seed-borne rust of safflower, and damping-off, seed rot and seedling blights on all labeled crops. TCI Dithane Seed Treatment is formulated with graphite to assure good plantability of treated seeds.

DIRECTIONS FOR USE

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

PERSONAL PROTECTION EQUIPMENT - For mixers, loaders, applicators and early reentry workers: **HANDLE THIS PRODUCT ONLY WHEN WEARING THE FOLLOWING PROTECTIVE CLOTHING AND EQUIPMENT:** a long-sleeved shirt and long pants or a coverall that covers all parts of the body except the head, hands and feet; chemical-resistant gloves; shoes, socks, and goggles or 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 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 mancozeb must be destroyed according to state and local regulations. **HEAVILY CONTAMINATED OR DRENCHED CLOTHING CANNOT BE ADEQUATELY DECONTAMINATED.**

DIRECTIONS - Measuring scoop enclosed. One level scoop equals 1 ounce.

RATE - Wheat, oats, barley, rye, - Use 2 ounces per bushel of seed.
Sorghum and Safflower - Use 3 ounces per 100 pounds of seed.
Rice - Use 4 ounces per 100 pounds of seed.

Apply as a drill-box treatment, mixing thoroughly so that all seeds are covered. For best results, the following procedure is suggested: Fill drill-box only half-full of seed, add half the amount of Dithane Seed Treatment and mix thoroughly with a stick or paddle; then add remainder of seed and product to drill-box, again mixing thoroughly.

Do not use treated seed for food or feed purposes. Treated seed should be labeled as follows: "TREATED SEED - DO NOT USE FOR FOOD, FEED, OR OIL."

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

May cause irritation of nose, throat, eyes and skin. Do not breathe dust. Keep all unprotected persons, children, livestock and pets away from treated area or where there is danger of drift. When handling do not rub eyes or mouth with hands (see Practical Treatment Section).

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Cover or incorporate spilled treated seed. Do not contaminate water when disposing of equipment washwaters.

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

CONTAINER DISPOSAL - Completely empty bag into application equipment. Then disposal of bag 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 reasonable 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 OF 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 R is a registered trademark of the Roha and Haas Company.