



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

DEC 2 1993

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. 42056-6  
TCI DIFLANE 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

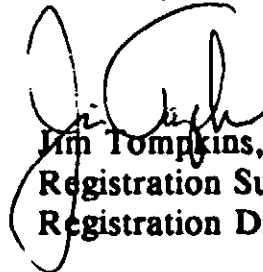
Submit the final printed labeling via the U.S. Postal Service to:

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

WPS AMENDED LABEL

middle panel

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

Active Ingredient

Mancozeb

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  
(C<sub>4</sub>H<sub>6</sub>N<sub>2</sub>S<sub>4</sub>).....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

**DEC 2 1993**

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

42056-6

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

**CAUTION**

May cause irritation of nose, throat, eyes and skin. Do not breathe dust. 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.

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 pesticide is toxic to fish. 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. 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** - Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

**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.

Left Panel Continued

USE RESTRICTION

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

## Right 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 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** - 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.

**BEST AVAILABLE COPY**

Right Panel Continued

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.



PM 21 42056-6

Labelling  
page 1 of 8

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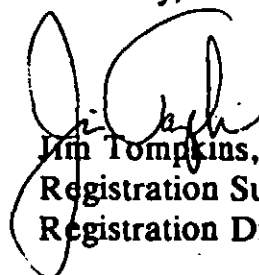
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Attachment

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TRACE CHEMICALS INC.  
TCI DITHANE SEED TREATMENT  
EPA Reg. No. 42056-6      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.

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4 9 8

WPS AMENDED LABEL

middle panel

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5 of 8

Left Panel

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