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42056-22

10/06/99

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		<b>UNITED STATES ENVIRONMENTAL PROTECTION AGENCY</b> U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Pesticide Programs Registration Division (H7505C) 401 "M" St., S.W. Washington, D.C. 20460		EPA Reg. Number: 42056-22	Date of Issuance: OCT 6 1999
<b>NOTICE OF PESTICIDE:</b> <input checked="" type="checkbox"/> Registration <input type="checkbox"/> Reregistration		Term of Issuance: Conditional		Name of Pesticide Product: TCI Protector-LM	
(under FIFRA, as amended)					
Name and Address of Registrant (include ZIP Code): Trace Chemicals, LLC 839 Brenkman Dr. Pekin, IL 61554-1522					
Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.					
On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.  Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.					
This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:  Make the following label revision: change the EPA File Symbol to EPA Registration Number 42056-22.  Submit two copies of the revised final printed label before you release the product for shipment.  A stamped copy of the label is enclosed for your records. If there are questions concerning this matter, contact Dr. Tom Ellwanger at (703) 308-9352.					
Signature of Approving Official:  Mary L. Waller Product Manager (21) Fungicide Branch Registration Division (7505C)				Date: OCT 6 1999	

EPA Form 8570-6

## CONCURRENCES

SYMBOL	7505C						
SURNAME	Ellwanger						
DATE	10/5/99						

**TCI**  
**Protector-LM**  
**Thiram-Metalaxyl**  
**Seed Treatment Fungicide Plus Molybdenum**

draft label page 1

Active Ingredients:	By Wt.
Thiram (Tetramethyl-thiuram disulfide).....	14.29%
Metalaxyl (N-(2,6-dimethylphenyl)-N-(methoxyacetyl) alanine methyl ester .....	1.61%
<b>Inert Ingredients:</b> .....	<b>84.10%</b>
Total.....	100.00%

This product contains 4.76% molybdenum derived from sodium molybdate  
**SHAKE WELL BEFORE USING**

**KEEP OUT OF REACH OF CHILDREN**  
**CAUTION**

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

Causes moderate eye irritation. Avoid contact with eyes or clothing.

**Personal Protective Equipment**

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks. Follow manufacturers instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

**STATEMENT OF PRACTICAL TREATMENT**

**If in Eyes:** Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice.

**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.

EPA Reg. No. 42056-  
EPA Est. No. 42056-IL-1

Net Contents: 1 quart (32 fl. oz.)

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated**

**OCT 6 1999**

Manufactured by:  
Trace Chemicals LLC  
Pekin, Illinois 61554

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

**42056-22**

### ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters or rinsate. Exposed treated seed may be hazardous to birds and other wildlife. Collect or incorporate seed that are spilled during loading or are visible on soil surface in turn areas. Dispose of all treated seed by burial away from bodies of water.

Groundwater Advisory: This chemical is known to leach through soil into groundwater under certain conditions as a result of agricultural use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

### 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 24 hours. Exception: if the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated areas 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, waterproof gloves and shoes plus socks.

### Product Information

Protector-LM seed treatment is a ready-to-use product. Apply as a pour-on hopper-box application or through on-farm seed treatment equipment. Protector-LM combines the action of thiram and metalaxyl to reduce seed rot/seedling blight diseases including *Pythium* and *Rhizoctonia*. Protector-LM also provides 0.2 ounce of molybdenum per bushel of seed to aid in the nitrogen fixation process.

### Rates

**Soybeans:** Use 4.0 fl. oz. of Protector-LM per bushel of seed (6.7 fl. oz. per 100 lbs of seed). Add half the quantity of seed to the planter box and pour on half the quantity of Protector-LM. Mix thoroughly with a paddle such that all seeds are covered. Then add the remaining seed and the second half of Protector-LM and stir again until all seeds are uniformly covered.

### Use Restrictions

Treated seed must not be used for or mixed with food or animal feed, or processed for oil. Treat only those seed needed for immediate use, minimizing the interval between treatment and planting. Do not store excess treated seed beyond planting time. Note: Regularly inspect planter plates and mechanisms and clean as required for proper seeding. At the end of each day of use, clean out the electric eye monitors according to the manufacturer's directions.

**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 containers.

**Storage:** Store in a cool dry location. Do not store at temperatures below 32°F.

**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.

**NOTICE-READ CAREFULLY****CONDITIONS OF SALE AND LIMITED WARRANTY STATEMENT**

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Trace Chemicals LLC no claims are made to guarantee germination of carry-over seed. As its sole express warranty, Trace Chemicals LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for purposes stated on the label only when used in accordance with directions and instructions specified on the label, subject to the inherent risks set forth above. ONLY AS PERMITTED BY APPLICABLE LAW, IN THE EVENT OF A BREACH OF THIS LIMITED WARRANTY, TRACE CHEMICALS, INC. SHALL NOT BE LIABLE FOR CONSEQUENTIAL DAMAGES. SUBJECT TO APPLICABLE LAW, TRACE CHEMICALS, INC. NEITHER MAKES NOR AUTHORIZES ANY OF ITS AGENTS OR REPRESENTATIVES TO MAKE ANY WARRANTY OF FITNESS OR MERCHANTABILITY, GUARANTY OR REPRESENTATION, EXPRESS OR IMPLIED, CONCERNING THIS MATERIAL. Buyer assumes the responsibility to handle, use and store this product in accordance with the safety instructions and use directions contained on the label. Buyer/User purchases the product subject to the foregoing Conditions of Sale and Limited Warranty, which, subject to applicable law, may be varied only by written agreement signed by a duly authorized representative of Trace Chemicals LLC. If these terms are not acceptable, return all products to the place of purchase, unopened for a full refund.