

Kale, Inc.  
450 W. 109th  
Suite 222  
Overland Park, KS 66211

JUN 14 1985

Attention: Mr. James R. Scott

Gentlemen:

Subject: Moly-Co-Thi  
EPA Registration No. 45989-10  
Your Application Dated May 20, 1985

The labeling submitted in response to this Agency's letter of March 18, 1985, regarding labeling requirements in accordance with the Thiram Registration Standard issued July 2, 1984, is acceptable provided that the following revisions are made:

1. Include the paragraph for seed treatment products that reads:  
"During commercial exposure...."
2. Revise the warranty statements in accordance to the EPA Memorandum of July 31, 1978, entitled "Warranties, Disclaimers and Limitations on Pesticide Labels (copy either attached to this or another letter being mailed today).

Your application was reviewed under section 162.9-1(b) 17 (Federal Register, Vol. 44, pages 27951 and 27952), which permits acceptance of certain amendments for registration without supporting data.

Submit five (5) copies of your final printed label before you release the product for shipment. Refer to the A-79 enclosure for a further description of final printed labeling.

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

Sincerely yours,

Henry M. Jacoby  
Product Manager (21)  
Pesticide-Herbicide Branch  
Registration Division (TS-767)

Attachments (2)

CONCURRENCES

SYMBOL ▶	JOB: 96145	RD: 85/32	WILSON: Kendrick & Co.	898-1270	6/5/85	dsg: Del	6/11/85
SURNAME ▶							
DATE ▶							



# Molybdenum + Cobalt Legume Seed Treatment with Thiram Fungicide

## Active Ingredient:

Thiram (Tetramethylthiuram disulfide) .....

Inert Ingredients\* .....

Total

\* Added Ingredients — Mo 7.969% derived from Sodium Molybdate, Co 1.037% derived from Cobalt Sulfate, and Fe 0.150% derived from Ferrous Sulfate.

**Net Contents**  
**6 lbs., 4 oz. (2.84kg)**  
**50 bushel size**  
**(3000 lbs. soybeans)**

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

See back panel for additional precautionary statements.

EPA Reg. No. 45988-10 EPA Est. No. 45988-IL-1

20-00-9

BEST AVAILABLE COPY

### Precautionary Statements

#### Hazards to Humans And Domestic Animals

**Caution:** Causes eye and skin irritation. Harmful if swallowed, inhaled or absorbed through skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid inhaling of spray mist or dust. Do not use or store near food or feed. Consumption of alcoholic beverages increases the toxic effects of this.

#### Statement of Practical Treatment

**If swallowed:** Harmful if swallowed, get medical attention.  
**If inhaled:** May be harmful if inhaled, get medical attention. Avoid inhalation by using a respirator.  
**If on skin:** Avoid contact with skin or clothing. Wear rubber gloves. Wash affected area thoroughly with soap and water. Wash hands and face thoroughly with soap and water after use and before eating or smoking.  
**If in eyes:** Avoid contact with eyes. Wear protective eye clothing. In case of contact with eyes, flush immediately with running water for 15 minutes and get medical attention if irritation persists.

#### Environmental Hazards

This pesticide product is toxic to fish. Do not contaminate water by cleaning of equipment or disposal of wastes. Drift or runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not apply directly to water or wetlands.

### DIRECTIONS FOR USE

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

### STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

**Storage:** Avoid exposure to excessive heat and direct sunlight.

**Pesticide Disposal:** Pesticide, excess treated seed or rinse that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

**Container Disposal:** Triple rinse (or equivalent). Then offer for recycling or reconditioning, or prepare and dispose of in a sanitary landfill, or incineration or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**Other:** Do not use treated seed for food, feed or oil purposes.

### How to Apply

Apply MOLY-CO-THI® directly to the seed so that the seeds are thoroughly coated at the following rates:

- For soybeans and large seeded legumes—apply 2 oz. per bushel.
  - For alfalfa, clover and small seeded legumes—apply 10 oz. per 100 lbs. of seed.
- One oz. measuring scoop enclosed.

#### For On-Farm Planter Box Application

##### Or For Use On Seed Prior To Placement In Planter Box.

Place 1/4 the seed in planter box—do not exceed 1/4 capacity—and sprinkle 1/4 the total amount of MOLY-CO-THI® over the seed surface. Mix by stirring with a stick or paddle. Add remaining 1/4 of seed and MOLY-CO-THI® and stir as outlined above. Seed may be treated at any time.

MOLY-CO-THI® is recommended for treatment of soybeans, alfalfa, clover, large and small seeded legumes. When used as directed, it protects sound and/or mechanically injured seed against seed-borne or soil-borne diseases, such as seedling blight, damping-off, and seed decay organisms. MOLY-CO-THI® also contains Molybdenum and Cobalt, two micronutrients vitally involved in nitrogen fixation in the legume plant.

Molybdenum enables the root-nodule bacteria to fix the free nitrogen from the atmosphere and enables the plant to produce proteins.

Molybdenum may be beneficial to legumes where the following conditions exist:

1. Molybdenum is deficient in the soil.
2. Acid soils.
3. Soils deficient in lime.
4. Soils high in iron content.
5. Old, weathered soils, low in organic matter.

Cobalt is essential in the nitrogen fixing process of Rhizobium in the nodules. The Rhizobium bacteria will not fix nitrogen in the absence of Cobalt. A small amount of Iron Sulfate has been added to safeguard the use of Cobalt in areas where Cobalt chlorosis may be a factor.

### Limited Warranty and Conditions of Sale\*

KALO, INC. warrants this product conforms to its label description and is reasonably fit for use if used strictly in accordance with label directions subject to the inherent risks stated below. KALO MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, WHETHER OF FITNESS OR MERCHANTABILITY OR ANY OTHER MATTER RESPECTING THE PRODUCT. IN NO CASE SHALL KALO OR SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Directions for use are believed to be correct. However, since weather, soil and plant conditions, presence of other materials or the manner of use or applications may adversely affect performance even when used in accordance with label directions, Buyer assumes all such risks. In any event, KALO'S and Seller's liability shall be limited to return of the purchase price. KALO and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing Limited Warranty and Conditions of Sale, which may be varied only by agreement in writing signed by a duly authorized representative of KALO.

\*These Conditions of Sale are subject to any applicable contrary governmental restrictions or laws.