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Kale, Inc.  
4550 W. 109th  
Suite 222  
Overland Park, KS 66211

JUN 13 1985

Attention: Mr. James R. Scott

Gentlemen:

Subject: Stand-Up/Double-Moctin L  
EPA Registration No. 45989-7  
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)  
Fungicide-Herbicide Branch  
Registration Division (TS-767)

Attachments (2)

CONCURRENCES							
SYMBOL ▶							
SURNAME ▶							
DATE ▶							

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 14 1985

45982-7



## 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 thiram.

### 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 covering. 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: This product contains living organisms. STORE IN A COOL PLACE (below 70°F). Avoid exposure to excessive heat and direct sunlight.

Pesticide Disposal: Pesticides, excess treated seed, or residue 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 puncture 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.

# Double-Noc

## Liquid Fungicide Soybean Seed Treatment Plus Nitrogen Fixing Bacteria

Treats 12 Bushels (720 lb.)  
of Soybeans.

### Active Ingredient:

Thiram (Tetramethylthiuram disulfide) .....

Inert Ingredients\* .....

Total

### \* Added Ingredient:

Microdried Nitrogen Fixing Bacteria  
U.S. Patent Nos. 3,034,968 and 4,161,397

This product contains 1.2 lbs. of Thiram

## KEEP OUT OF REACH OF CHILDREN CAUTION

See side panel for additional precautions

Manufactured in U.S.A. by  
KALO, INC.  
Overland Park, KS 66211



# K

EPA Reg. No. 48989-7 EPA Est. No. 45989

Net Wt: 2 lbs., 14 oz. (1.30 k)

## NET CONTENTS: 3 Pints ( )

ACCEPTED  
with COMMENTS  
in EPA Letter Dated:

JUN 14 1985

Under the Federal Insect  
Fungicide, and Rodenticide  
Act as amended, for the pesticide  
registered under EPA Reg.

45989-7

# Stand-Up™

## 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 thiram.

### 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 covering. 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.

Pesticide Disposal: Pesticide, excess treated seed, or residue 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 puncture 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.

Note to User: Do not use treated seed for food, feed or oil purposes.

## Liquid Fungicide Soybean Seed Treatment

Treats 12 Bushels (720 lbs.)  
of Soybeans.

### Active Ingredient:

Thiram (Tetramethylthiuram disulfide) . . . . . 16.01%

Inert Ingredients: . . . . . 83.99%

Total . . . . . 100.00%

This product contains 1.2 lbs. of Thiram per gallon.

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

See side panel for additional precautionary statements.

Manufactured in U.S.A. by  
KALO, INC.  
Overland Park, KS 66211



# KALO

EPA Reg. No. 45989-7 EPA Est. No. 45989-IL-1

Net Wt: 2 lbs., 14 oz. (1.30 kg.)

## NET CONTENTS: 3 Pints (1.42 liters)

STAND-UP™ is a ready-to-use formulation for the treatment of soybean seed. It protects sound and/or mechanically injured seed against seed or soil-borne diseases, such as seedling blight, damping-off and seed decay organisms.

**For On-Farm Planter Box Application Or For Use On Seed Prior To Placement In Planter Box.**

**SHAKE WELL BEFORE USING.** STAND-UP™ is formulated as an oil-based suspension. Such suspensions tend to separate slightly prior to use. The heavier components settle leaving a thinner layer on the surface. To maintain the designed fluidity of this product, DO NOT POUR THIS THINNER LAYER FROM THE CAN UNTIL IT IS PROPERLY MIXED BY THOROUGHLY SHAKING THE CAN.

Apply at the rate of 4 fl. oz. per bushel of soybean seed or the contents of this container to 12 bushels of soybean seed. Mix or stir until a uniform color is imparted to all seed.

Soybean seed may be pre-treated at any time prior to planting to speed the filling of planter boxes during the planting operation. Pre-treatment may also reduce any interference with planter mechanisms or monitors sometimes caused by improper mixing in the planter box.

Partially fill planter box or mixing container with seed, apply the proper portion of the recommended rate of STAND-UP™ evenly over the surface of the seed and stir with a stick or peddle. Repeat partial filling with seed and STAND-UP™ until planter box or mixing container is filled.

Frequently inspect and clean planting mechanisms, seed drum and hopper box to ensure these areas are clear.

### LIMITED WARRANTY

#### AND CONDITIONS OF SALE\*

KALO AGRICULTURAL CHEMICALS, 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 reliable. 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 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 law.