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

JUN 14 1985

Attention: Mr. James R. Scott

Gentlemen:

Subject: Double-Rootin II
EPA Registration No. 45989-3
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)

JOB:96145:RD:85/32:WILS :Kendrick & Co.:898-1270:6/5/85 .sg:Del.6/11/85

Attachments (2)		CONCURRENCES					
SYMBOL							
SURNAME							
DATE							

DO NOT USE ANY WATER. Apply DOUBLE-NOCTIN II as a planter box treatment at the rate of 3.8 ounces per bushel of soybean seed. Treat half the seed in the planter box with half the required DOUBLE-NOCTIN II and mix thoroughly with a stick or paddle until a uniform color is imparted to all seed. Add the remaining seed and cover with the balance of DOUBLE-NOCTIN II. Mix thoroughly as above. Plant as soon as possible.

USE PRECAUTION. Do not use on land new to soybeans.

DOUBLE-NOCTIN II is an easy to use soybean seed treatment formulated for planter box application. DOUBLE-NOCTIN II is formulated with a non-oil lubricant to help seed flow easily and evenly from the planter box. DOUBLE-NOCTIN II contains 1.0 ounce of Thiram per bushel and protects against seed-borne and soil-borne diseases, such as seedling blight, damping-off and seed decay organisms. DOUBLE-NOCTIN II contains microdried nitrogen fixing bacteria.

PRECAUTIONARY STATEMENTS

Hazards To Humans And Domestic Animals

Caution: Causes eye and skin irritation. Harvest if swallowed. Inhalation or absorption through skin. Do not get in eyes, on skin, or on clothing. Wear goggles or face shield and rubber gloves when handling. Avoid breathing of dust. Do not use or store near food or feed. Consumption of alcohol beverages increases the toxic effects of Thiram.

Statement of Practical Treatment

If swallowed: Harvest if swallowed, get medical attention. Avoid inhalation by using a respirator if needed. May be harmful if inhaled, get medical attention. 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. Do not apply directly to water or wetlands.

Double-Noctin II®

Planter Box Soybean Seed Treatment Fungicide plus Nitrogen Fixing Bacteria

Active Ingredient: Thiram (Tetramethylthiuram disulfide)	28.60%
Inert Ingredients*	73.40%
Total	100.00%
*Added Ingredients:	
Graphite	15.00%
Microdried Nitrogen Fixing Bacteria	

U.S. Patent Nos. 3,034,968 and 4,161,387

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See back panel for additional precautionary statements.

EPA Reg. No. 45989-3 EPA Est. No. 45989 J-1

Treats 5 bu. (300 lbs.)
of Soybeans
Net Weight:
1 lb. 3 oz. (0.54 kg.)

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



ACCEPTED
with COMMENTS
by EPA Letter Dated

JUN 14 1985

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, the pesticide
registered with EPA Reg. No.
45989-3

BEST AVAILABLE COPY

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 limited risks stated below.

*KALO MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, WHETHER OF FITNESS OR MERCHANTABILITY OR ON ANY OTHER MATTER RESPECTING THE PRODUCT, IN NO CASE SHALL KALO OR DEALER BE LIABLE FOR CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT. Directions for use are contained on the label for this product. However, adverse weather, soil and plant conditions, presence of other materials or the manner of use or application may adversely affect performance even when used in accordance with label directions. Buyer assumes all such risks in any event. KALO and Seller's liability shall be limited to return of the purchase price. KALO and the Seller agree that product, and the Buyer and Seller 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.

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. Store in original container. Do not use or store near food or feed. Do not use treated seed, food, feed or off products.

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 that cannot be used according to label instructions must be disposed of according to applicable Federal, State or local procedures.

Container Disposal: Completely emptying into application equipment. Then dipping or emptying bag in a nearby landfill or by 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, food, feed or off products.