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JUL 25 1985

Hortus Products Co.
P.O. Box 275
Newfoundland, NJ 07435

Attention: Harry C. Funk

Gentlemen:

Subject: Hormo-Root "A"
EPA Registration No. 1681-4
Application Dated June 24, 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. Revise the statement "Seedlings and other plant materials treated with this product must bear distinct labeling" to read "Seedlings and other plant materials treated with this product must bear distinct labeling that instructs:"
2. Separate the Environmental Hazards Section, to distinguish it from the Hazard to Human and Domestic Animals Section.
3. Move the Storage and Disposal section so that it follows the Violation Statement.

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.

RD/FHB:JOB:96154:O'Brien:Kendrick:898-1270:RD:47:7/11/85:DEL:7/23/85:SG

CONCURRENCES

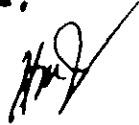
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A stamped copy of the label is enclosed for your records.

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.

Sincerely yours,



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

Enclosures (2)

Seedlings and other plant materials treated with this product must bear distinct labeling:

CAUTION: Treated with thiram. Wear rubber gloves and protective clothing when handling products treated with thiram. Direct exposure to skin may result in severe dermatitis.

ACCEPTED
with COMMENTS
in L.L. Letter Dated:

JUL 25 1985

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

1681-4

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMAN 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 dust. Keep children and pets out of treated area until dust has settled. Do not use or store near food or feed. Do not use on plants that are to be used for food or feed. During commercial exposure in seed treatment and loading operations, wear goggles, clean rubber gloves, protective clothing, and a pesticide respirator (only approved by the Mine Safety and Health Administration (formerly in the U.S. Bureau of Mines) and by the National Institute of Occupational Safety and Health under provisions of 30 CFR Part 11. Wash and rinse arms and face thoroughly with soap and water after handling, and before eating or smoking. Routinely shower or bathe after work, wash all clothing with soap and water before reusing. **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 labeling.

HORMO-ROOT "A" is recommended for the treatment of Azaleas (evergreen types), Chrysanthemums, Chinese Evergreens, Dieffenbachia, Dracaenas, Geraniums, Hydrangeas (greenhouse types), Ivy, Lantanas, Pandanus, Vetch, Pachysandra, Peperomias, Philodendron, Poinsettias, Potatoes and a wide range of other plants and for general treatment of seeds, bulbs, roots, corms, of ornamental plants.

And For The General Treatment Of SEEDS, BULBS, CORMS, ROOTS OF "ORNAMENTAL PLANTS"

Dust with Hormo-Root "A" (spilling in a bag or other container into which the seed or roots have been introduced) so that a light coating is deposited. Screen off any excess powder for future use.

Hormo-Root powders are light and usually go further than other preparations. One pound should treat 35-40,000 average cuttings.

When using Hormo-Root powder it is desirable to have bottom heat preferably between 70-75° F. Treated cuttings should not have less than a 60° F. temperature. Any rooting medium may be used but a mixture of sand and peat has been found very satisfactory for most vegetative reproduction.

FOR SALE TO, STORAGE & USE BY
PROFESSIONAL NURSERYMEN ONLY

HORMO-ROOT "A"

PLANT HORMONE-LIKE POWDER
SOFT WOOD CUTTINGS

ACTIVE INGREDIENTS	
Thiram (tetramethylthiuram disulfide)	15.00%
Indole 3-butylic acid	0.10%
INERT INGREDIENTS	84.90%
TOTAL	100.00%

EPA Reg. No. 1681-4

EPA est. 01681 N.J. 01

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel For Additional Precautionary Statement
STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call physician or Poison Control Center. Give one or two glasses of water and induce vomiting by touching finger to back of throat. Do not induce vomiting or give anything by mouth to an unconscious person. **IF IN EYES:** Flush with plenty of water. Get medical attention if irritation persists. **IF INHALED:** Remove victim to fresh air. **IF ON SKIN:** Remove contaminated clothing, wash affected area with soap and water. Launder clothes before reusing. **Consumption of alcohol before or after exposure to Thiram** increases symptoms of nausea, fatigue, and dizziness.

NET WEIGHT 1 POUND

HORTUS PRODUCTS CO., P.O. Box 275, New Fairfield, N.J. 07435

Consumption of alcoholic beverages increases the toxic effects of thiram.