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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
WASHINGTON, D.C. 20460

MAY 26 1994

JUDITH K. LEMM  
ROCKLAND CORPORATION  
686 PASSAIC AVENUE/ BOX 809  
WEST CALDWELL, NJ. 07007

OFFICE OF  
PREVENTION, PESTICIDES AND  
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 04/18/94 Response to PR Notice 93-7  
EPA Reg. No. 572-336  
HORMO-ROOT 4

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

**WHAT THIS ACCEPTANCE MEANS:**

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

**WHAT YOU NEED TO DO NEXT:**

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- BEFORE selling or distributing any product bearing the final printed labeling
- AND
- WITHIN one year from date of this acceptance.



Recycled/Recyclable  
Printed with Soy/Canola Ink on paper that  
contains at least 50% recycled fiber

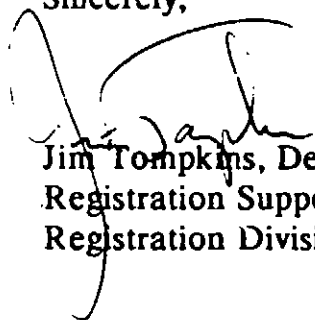
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs (7505C)  
U.S. Environmental Protection Agency  
401 M Street, SW  
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)  
Office of Pesticide Programs  
Room 266A, Crystal Mall 2  
1921 Jefferson Davis Highway  
Arlington, VA 22202

Sincerely,



Jim Tompkins, Deputy Chief  
Registration Support Branch  
Registration Division (7505W)

Attachment

Judith K. Lemm  
ROCKLAND CORPORATION

Comments for: EPA REG. NOS. 572-336 HORMO-ROOT 4  
572-337 HORMO-ROOT 1  
572-338 HORMO-ROOT 2  
572-339 HORMO-ROOT 3

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

The footwear requirement for "applicators and other handlers" in the "Personal Protective Equipment" section is missing. Add "shoes plus socks" in the location shown in Sections A & B on Part 1 of the Product Worksheet in Supplement Three-A of PR Notice 93-7.

The footwear requirement for early entry in the Agricultural Use Requirements Box is missing. Add "shoes plus socks" in the location shown in Sections F & G on Part 2 of the Product Worksheet in Supplement Three-A of PR Notice 93-7.

Delete the crossed out statements on your proposed label. They are redundant statements or phrases.

Correct the typographical errors circled on your proposed label.

4 of 11

# Rockland

## Hormo-Root 4

**Plant Hormone-Like Powder**  
Difficult to Root Hard Wood Cuttings

**ACTIVE INGREDIENT:**

Indole-3-butyric acid.....4.40%

**INERT INGREDIENTS**.....95.60%

100.00%

EPA Reg. No. 572-336

EPA Est. No. 572-NJ-1

**KEEP OUT OF REACH OF CHILDREN**

See Side Panel for Additional Precautionary Statements

**NET WEIGHT: 1 LB.**

**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. ~~Laundry clothes before reusing,~~

Rockland Corporation  
West Caldwell, NJ 07006

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

MAY 26 1994  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.  
572-336

### PRECAUTIONARY STATEMENTS

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION:** Causes eye and skin irritation. Harmful if swallowed, inhaled or absorbed through the 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 jointly 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 hands, 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.~~

### PERSONAL PROTECTIVE EQUIPMENT:

- Applicators and other Handlers must wear:
- Long sleeved shirt and long pants
- Waterproof Gloves
- Protective eyewear
- For exposure in enclosed areas, a respirator with either an organic vapor-removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides. (MSHA/NIOSH approval number prefix TC-14G)
- For exposures outdoors, dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C)

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

### USER SAFETY RECOMMENDATIONS:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish. Do not contaminate water when disposing of equipment washwaters. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark.

### 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 with the Worker Protection Standard, 40 CFR 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), notification to workers, 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 (REI) of 12 hours.

**EXCEPTION:** If the product is soil injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area 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
- Protective eyewear.

A scientifically balanced hormone-like preparation for the stimulation of strong, health roots.

#### FOR USE BY PROFESSIONAL NURSERIES ONLY.

**POWDER DIPPING PROCEDURE FOR DIFFICULT TO ROOT HARD WOOD CUTTINGS:** Smooth stemmed cuttings should be slightly moistened before dipping in the powder to a depth that will cover the stem lightly to a point slightly higher than the cutting to be set in the sand or other medium. To remove excess powder, tap on the edge of the container

Hormo-Root powders are light and usually go further than other preparations. One pound should treat 35 to 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.

**STORAGE AND DISPOSAL:** Do not contaminate water, food or feed by storage or disposal. Store in tightly closed container in a dry, cool, dark, locked area away from children and domestic animals. For disposal, securely wrap closed container in several layers of newspaper and discard in trash. Do not reuse container.

**NOTICE:** Seller makes no warranty or guarantee of any kind, express or implied, concerning effects of use of this product, other than those specified on this label. Buyer or user, accepts all responsibility for results due to misuse or improper handling of this product.

**FOR SALE TO, STORAGE & USE BY PROFESSIONAL NURSERYMEN ONLY!**

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