

PM

91

572-348

9/17/98

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**(MASTER LABEL)**  
**(OPTION 1 for Commercial use-Current EPA approved label.)**

# Rockland Hormo-Root "A"

**Plant Hormone-Like Powder  
Soft Wood Cuttings**

**ACTIVE INGREDIENT:**

Indole-3-butyric acid.....0.10%

**INERT INGREDIENT:**.....99.90%

Total.....100.00%

EPA Reg. No. 572-348

EPA Est. No. 572-NJ-1

**KEEP OUT OF REACH OF CHILDREN**

## CAUTION

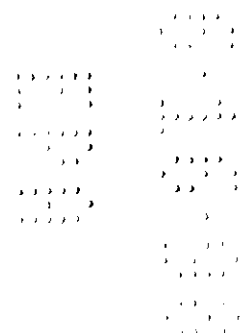
**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a 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 irritations persists. **IF INHALED:** Remove victim to fresh air. **IF ON SKIN:** Wash affected area with soap and water.

See Side/Back Panel for Additional Precautionary Statements

Net Weight: \_\_\_\_\_

**ACCEPTED**  
SEP 17 1998  
Under the Federal Insecticide,  
Fungicide, and Rodenticide Act,  
as amended, for the pesticide  
registered under  
EPA Reg. No. 572-348



**PRECAUTIONARY STATEMENTS:**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION:** Causes eye irritation. Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**PERSONAL PROTECTIVE EQUIPMENT:**

Applicators and other Handlers must wear:

- Long sleeved shirt and long pants.
- Waterproof gloves
- Shoes plus socks
- Protective eyewear.

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;**  
Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

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

**STATEMENT OF PRACTICAL TREATMENT**

IF IN EYES: Flush with plenty of water. Call physician if irritation persists.  
 IF ON SKIN: Wash with plenty of soap and water. Get medical attention.  
 IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. IF SWALLOWED: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available, by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**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 over long-sleeved shirt and long pants.
- Waterproof gloves.
- Shoes plus socks.
- Protective eyewear.

**HORMO-ROOT "A"** is recommended for the treatment of Azaleas (evergreen types), Chrysanthemums, Chinese Evergreens, Dieffenbachia, Dracaenas, Geraniums, Hydrangeas (greenhouse types), IVY, Lantanas, Pandanus, Veitchi, Pachysandra, Peperomias, Philodendron, Poinsettias, Pothos, and a wide range of other plants and for general treatment of seeds, bulbs, roots, corms, or ornamental plants. Do not use on plants that are to be used for food or feed.

**POWDER DIPPING PROCEDURE FOR SOFT WOOD 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.

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 will be set in the sand or other medium. To remove excess powder, tap on the edge of the container.

Softwood cuttings also known as slips, are made from immature non-woody growth and include most house plants and perennials. Cuttings should be from stems that are brittle. Use tip cuttings 2" to 8" long, depending on size of plant. With a sharp knife cut just below a node or leaf.

Timing would be from August to December depending on when the plant makes new growth. Greenhouse cuttings may be made according to the conditions of the cuttings, regardless of the season.

Geraniums and other cuttings with rough stems should not be moistened before treatment.

It has been found by leading growers that Geraniums may be treated and potted directly into a rather sandy soil. Excellent results have been obtained by this method.

Be sure that the trench or hole in the sand or soil is sufficiently large so that the powder is not rubbed off when inserting the cuttings.

**GENERAL TREATMENT OF SEEDS, BULBS, CORMS, AND ROOTS OF "ORNAMENTAL PLANTS":** Dust with Hormo-Root "A", agitating in a bag or other container into which the powder and seeds 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.

**STORAGE AND DISPOSAL**

Do not contaminate water, food or feed by storage or disposal. **Pesticide Storage:** Store in tightly closed, original container in a dry, cool, dark, locked area away from children and domestic animals. **Pesticide Disposal:** Waste resulting from use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Triple rinse. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke. Do not reuse container.

**NOTICE:** Seller makes no warranty or guarantee of any kind, Expressed 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 STORAGE AND USE BY PROFESSIONAL NURSERYMEN!**

**(OPTION 2 PROPOSED LABELING FOR HOMEOWNER PACKAGE 2 OZ AND SMALLER) Alternate Name proposed: Hormo Root Formula A**

**Hormo Root  
Formula A**

**Speeds Root Development  
For Rooting Ornamental Plants  
For Rooting Houseplants  
For Rooting Groundcovers  
For Treatment of bulbs, corms and roots of Ornamentals**

**ACTIVE INGREDIENT:**

Indole-3-butyric acid.....0.10%

**INERT INGREDIENT:**.....99.90%

Total..... 100.00%

EPA Reg. No. 572-348

EPA Est. No. 572-NJ-1

**KEEP OUT OF REACH OF CHILDREN**

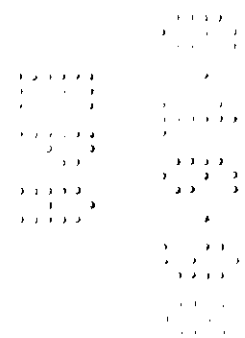
**CAUTION**

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Call a 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 irritations persists. **IF INHALED:** Remove victim to fresh air. **IF ON SKIN:** Wash affected area with soap and water.

See Side/Back Panel for Additional Precautionary Statements

Net Weight: 1 oz., 2 oz.



**PRECAUTIONARY STATEMENTS:**

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION:** Causes eye irritation. Harmful if inhaled or absorbed through the skin. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash clothing before reuse.

**USER SAFETY RECOMMENDATIONS;**  
Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

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

**STATEMENT OF PRACTICAL TREATMENT**

**IF IN EYES:** Flush with plenty of water. Call physician if irritation persists.  
**IF ON SKIN:** Wash with plenty of soap and water. Get medical attention.  
**IF INHALED:** Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention. **IF SWALLOWED:** Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available, by administering syrup of ipecac. If person is unconscious, do not give anything by mouth and do not induce vomiting.

**DIRECTIONS FOR USE**

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Not for use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes. For use on plants intended for aesthetic purposes of climatic modification and being grown in interior landscapes, ornamental gardens or parks, or on lawns and grounds. Do not use on plants that are to be used for food or feed.

**HORMO ROOT Formula A** is recommended for the rooting treatment of many houseplants and Azaleas (evergreen types), Chrysanthemums, Chinese Evergreens, Dieffenbachia, Dracaenas, Geraniums, Hydrangeas, Ivy, Lantanas, Pandanus, Veitchi, Pachysandra, Peperomias, Philodendron, Poinsettias, Pothos, and a wide range of other plants. This product may also be used for general treatment of bulbs, roots, and corms, or ornamental plants.

**POWDER DIPPING PROCEDURE:**

**Select** cuttings from a vigorous healthy plant. Tips should be 2" to 8" long. Cuttings should be from stems that are brittle.

**Cut** just below a node or leaf with a sharp knife.

**Remove** any leaves or flowers at the base of the cutting.

**Before Dipping in Powder**, smooth stemmed cuttings should be slightly moistened. Cuttings with rough stems should not be moistened before treatment.

**Dip in Powder** to a depth that will cover the stem lightly to a point slightly higher than the cutting will be set in the rooting medium. To remove excess powder, tap on the edge of the container, letting excess fall back into the unused rooting powder.

**Plant:** Any rooting medium may be used, but a mixture of sand and peat potting soil has been found very satisfactory for most vegetative reproduction. Be sure that the trench or hole in the soil is large enough so that the powder is not rubbed off when inserting the cuttings. Firm soil around cutting to avoid air pockets.

Keep rooting medium moderately moist until roots are established . Treated cuttings should not have less than a 60° F. Temperature

**GENERAL TREATMENT OF SEEDS, BULBS, CORMS AND ROOTS OF**

**ORNAMENTAL PLANTS:** Place Hormo Root and bulbs, corms or roots into a sealed bag or container. Shake well to deposit a light coating. Screen off excess powder for future use.

Two ounces of Hormo Root should treat approximately 4,500 average cuttings.

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

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

Manufactured by:  
Rockland Corporation  
West Caldwell, NJ 07006

Product 33489021  
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