

# DIEHARD™ CITRUS MUD-IN™

## "Used When Mudding In Citrus Tree Transplants"

**DIEHARD™ Citrus Mud-In™ Plus - The "Ultimate" for transplanting citrus trees** - is formulated as a transplant preparation to inoculate citrus trees with live beneficial mycorrhizal fungi when planting. The product is added into water tanks used to mud in citrus tree transplants. It contains highly selected strains of endomycorrhizal fungi that will quickly colonize the roots of new transplants to provide the best possible conditions for the roots to become as effective as possible during the establishment period and beyond. This formulation is combined with humic acids, biostimulants, beneficial bacteria, soluble sea kelp, *Trichoderma* and yucca plant extracts to promote rapid root development. To reduce transplant stress and watering maintenance, and to slow release all soluble components of the formulation, Horta-Sorb® water management gel is added to complete the package. The results are better survival and growth rates and less watering for transplants.

### Product Benefits

#### IMPROVES

Survival  
Rooting  
Flowering  
Water Absorption  
Nutrient Availability  
Yields and Production  
Client Satisfaction  
& Goodwill

#### REDUCES

Plant Losses  
Fertilizer Use  
Plant Diseases  
Need Of Pesticides  
Heat Stress Damage  
Irrigation Frequency  
Losses From Drought  
Conditions

### Compatibility

**Species:** All citrus root stocks.  
**Fungicides:** Non-systemic fungicides normally have no effect. Foliar applied fungicides normally have no effect. Systemic fungicides should be applied 2 weeks before and after use of product. Ingredients in this product may reduce the need for fungicides.

Fungicides	
Detrimental	Non-Detrimental
Bayleton, Dithane, Zineb, Zirem, PCNB, Daconil, Benlate, Bravo	Aliette, Arasn, Captan, Carbendazim, Difolatan, Ferbam, Subdue

### Non Plant Food Ingredients

Endomycorrhizal Fungi	To include <i>Glomus mosseae</i> , <i>Gigaspora margarita</i> , <i>Glomus brasilianum</i> , <i>Glomus deserticola</i> , <i>Glomus clarum</i> , <i>Glomus etunicatum</i> and <i>Glomus intraradices</i> .
Horta-Sorb® MD Water Gel	Acrylamide copolymer made for agriculture
Humic Acids	Leonardite humates
Soluble Yucca Extract	<i>Yucca schidigera</i>
Soluble Sea Kelp Extract	<i>Ascophyllum nodosum</i>
Pathogenic Fungi Inhibitor	<i>Trichoderma</i> Fungi
Phosphate Solubilizing, Nitrogen Fixing, Cytokinin Producing and Growth Promoting Bacteria	2 billion per lb.
Root Promoting Vitamin	Biotin, Folic acid, B, B2, B3, B6, B7, B12, C, and K
Amino Acids (Protein)	Animal and plant proteins
Fulvic Acid	Plant-derived mineral

### Directions For Use

Product is designed to be applied to water in the mud in tank. Each pound of product treats 7.5 trees. Ideally a 20 pound bag is used with 500 gallons of water to plant 150 trees. Any combination of tank size and water per tree can be calculated is assure 7.5 trees per pound with a minimum of 3 1/3 gallons of water per tree.

### Storage & Handling

Store in a cool, dry place. Avoid high temperatures and direct sunlight. Product shelf life is up to 18 months.

### Health & Safety

**Inhalation** If dusty conditions exist wear a dust mask.  
**Ingestion** Drink large amounts of water, induce vomiting, and seek medical attention.  
**Contact Eyes Safety** Avoid contact with open cuts. Flush with large amounts of water. Product becomes very slippery when wet.

**Contains live spores of endomycorrhizal fungi, beneficial bacteria, a unique combination of biostimulants and root promoting ingredients including 100% organic soil conditioners to ensure the survival and performance of newly planted citrus trees.**

Endomycorrhizal Inoculant "Cocktail"

# DIEHARD™ CITRUS MUD-IN™

Other DIEHARD™ Citrus Inoculants

## DIEHARD™

### CITRUS TRANSPLANT

**"The Industry's First Complete Citrus Transplant Inoculant"**

DIEHARD™ Citrus Transplant - *The "Ultimate" for transplanting citrus trees* - is formulated as a transplant preparation to inoculate citrus trees with live beneficial mycorrhizal fungi when planting. It contains highly selected strains of endomycorrhizal fungi that will quickly colonize the roots of new transplants to provide the best possible conditions for the roots to become as effective as possible during the establishment period and beyond. This formulation is combined with humic acids, biostimulants, beneficial bacteria, soluble sea kelp, *Trichoderma* and yucca plant extracts to promote rapid root development. To reduce transplant stress and watering maintenance, and to slow release all soluble components of the formulation, Horta-Sorb® water management gel is added to complete the package. The results are better survival and growth rates and less watering for transplants.

## DIEHARD™

### ENDO DRENCH

**"The Industry's First Complete Endo Propagation Drench"**

DIEHARD™ Endo Drench is formulated to be used as an inoculant to drench endo responsive plants at the propagation/greenhouse/nursery bed with live beneficial mycorrhizal fungi to inoculate the roots of plants. It contains highly selected strains of low host specificity endomycorrhizae fungi that will quickly colonize the roots of plants to provide the best possible conditions for the roots to become associated with mycorrhiza. The mycorrhizal inoculants are combined with humic acids, biostimulants, beneficial bacteria, soluble sea kelp, and yucca plant extracts, to promote rapid root development.

## DIEHARD™

### CITRUS Mud-In™ Plus

**"The Industry's Only Mud-In™ Citrus Inoculant"**

DIEHARD™ Citrus Mud-In™ Plus - *The "Ultimate" for transplanting citrus trees* - is formulated as a transplant preparation to inoculate citrus trees with live beneficial mycorrhizal fungi when planting. The product is added into water tanks used to mud in citrus tree transplants. It contains highly selected strains of endomycorrhizal fungi that will quickly colonize the roots of new transplants to provide the best possible conditions for the roots to become as effective as possible during the establishment period and beyond. This formulation is combined with humic acids, biostimulants, beneficial bacteria, soluble sea kelp, *Trichoderma* and yucca plant extracts to promote rapid root development. To reduce transplant stress and watering maintenance, and to slow release all soluble components of the formulation, Horta-Sorb® water management gel is added to complete the package. The results are better survival and growth rates and less watering for transplants.

**Limited Warranty:** All information contained herein is offered in good faith. THERE ARE NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE which extend beyond the information contained herein. Our liability is limited to replacement of any product which does not meet these specifications.

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**HORTICULTURAL  
ALLIANCE**

**Horticultural Alliance, Inc.**

P.O. Box 5744, Sarasota, FL 34277

Tel: 800-628-6373, 941-917-0670

Fax: 888-386-4478, 941-917-0671

Web: <http://www.hortsorb.com>

E-Mail: [sales@hotsorb.com](mailto:sales@hotsorb.com)

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