

# ROOT DIP

## *Freshly Blended Biologicals*

WORKS GREAT ON CITRUS, ORCHARDS, FLOWERING TREES,  
ORNAMENTALS AND VEGETABLES

DIEHARD™ Root Dip is an inoculant used on bare roots and plugs. Contains Endomycorrhizal, Ectomycorrhizal, Trichoderma, Bacillus and Horta-Sorb® water management gel, which assists the plant in water and nutrient uptake for faster establishment, stronger growth and natural resistance to predators and disease.



Horticultural  
Alliance



CERTIFIED  
BIOSTIMULANT



TREATED WITH  
ROOT DIP

DIEHARD™



# ROOT DIP

CONTAINS ENDO-ECTOMYCORRHIZAL FUNGI, TRICHODERMA, AND BACILLUS FOR BARE ROOT TREATMENT

### GUARANTEED ANALYSIS

Total Nitrogen (N).....0.1%  
0.1% Other Water Soluble Nitrogen  
Soluble Potash (K<sub>2</sub>O).....0.29%

### ALSO CONTAINS NON PLANT FOOD INGREDIENTS

0.66% Yucca Schidigera  
0.43% Humic Acids (Derived from: Leonardite)  
0.88% Kelp Extract (Ascophyllum nodosum) (microbe food)  
55% Copolymer of Acrylamide/Potassium Acrylate  
0.5% Amino Acids (Peptides)  
0.33% Microbes  
Funneliformis mosseae 26.13 sp/g  
Rhizophagus intraradices 54.73 sp/g  
Claroideoglossum etunicatum 16.60 sp/g  
Rhizophagus clarus 8.7 sp/g  
Septoglossum deserticola 20.5 sp/g  
Rhizophagus aggregatus 8.8 sp/g  
Claroideoglossum claroideum 9.4 sp/g  
Pisolithus tinctorius.....8.2x10<sup>5</sup> sp/g  
Bacillus firmus 2.2x10<sup>5</sup> cfu/g  
Bacillus amyloliquefaciens 1.0x10<sup>7</sup> cfu/g  
Bacillus subtilis 1.0x10<sup>7</sup> cfu/g  
Bacillus licheniformis 1.0x10<sup>7</sup> cfu/g

### DERIVED FROM:

Kelp Extract (Ascophyllum nodosum) and  
Potassium hydroxide, Soy Protein Hydrolysate.

Bacillus megaterium 2.2x10<sup>5</sup> cfu/g  
Bacillus pumilus 2.2x10<sup>5</sup> cfu/g  
Bacillus methylotrophicus 1.0x10<sup>7</sup> cfu/g  
Bacillus azotoformans 2.2x10<sup>5</sup> cfu/g  
Bacillus coagulans 2.2x10<sup>5</sup> cfu/g  
Geobacillus stearothermophilus 2.2x10<sup>5</sup> cfu/g  
Paenibacillus polymyxa 2.2x10<sup>5</sup> cfu/g  
Paenibacillus durum 2.2x10<sup>5</sup> cfu/g  
Pseudomonas aureofaciens 4.4x10<sup>4</sup> cfu/g  
Pseudomonas fluorescens 4.8x10<sup>4</sup> cfu/g  
Pseudomonas putida 4.8x10<sup>4</sup> cfu/g  
Streptomyces coelicolor 4.8x10<sup>4</sup> cfu/g  
Streptomyces lydicus 4.4x10<sup>4</sup> cfu/g  
Streptomyces griseus 4.8x10<sup>4</sup> cfu/g  
Trichoderma reesei 4.8x10<sup>4</sup> cfu/g  
Trichoderma hamatum 4.8x10<sup>4</sup> cfu/g  
Trichoderma harzianum 4.8x10<sup>4</sup> cfu/g

### STORAGE & HANDLING

Store in a cool, dry place. Avoid high temperatures and direct sunlight. Product shelf life is up to 24 months. Inhalation: If dusty conditions exist wear a dust mask. Ingestion: Drink large amounts of water, induce vomiting and seek medical attention. Eyes: Flush with large amounts of water. Safety: Product becomes slippery when wet.

### HEALTH & SAFETY

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>.

**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 WHICH DOES NOT MEET THESE SPECIFICATIONS. THIS PRODUCT MAY NOT BE REGISTERED IN ALL STATES.

### APPLICATION RATES

Mix contents of bag with water to form a mixture the consistency of thick gravy. Let stand for 15-20 minutes. Dip or spray roots and plant, or package seedlings for shipment or storage. Adjust thickness of mixture to insure that the gel adheres to the roots when dipping. Mix 3 oz. on 2 ½ gallons of water for up to 550 seedlings\*  
Mix 15 oz. on 10 gallons of water for up to 2200 seedlings\*  
\*Depends on size of seedling root.

### EXPIRATION DATE:



Net Wt. 1lb.  
(454g.)

1550 66th Av. Dr. E.  
Sarasota, FL 34243

FT-020226

Guaranteed by Horticultural Alliance LLC, Horticulture Division of Hello Nature USA, Inc.



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