



DATA SHEET #21

FOR ALL AG TRANSPLANTS

DIEHARD™ AG Transplant



“The Industry's First Complete AG Transplant Inoculant”

DIEHARD™ AG Transplant - The “Ultimate” for transplanting citrus, orchards, fruit and nut trees - is formulated as a transplant preparation to inoculate transplants with live beneficial mycorrhizal fungi, beneficial bacteria to "energize" the ground, and a complete biostimulant and natural wetting agent 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.

Directions For Use

Mix product with backfill in the top 8-10 inches of planting hole making sure product is in contact with the root ball. Use a measured 3 ounce per transplant. (3 oz. weight is close to a 3 oz. liquid measurement.)

Storage & Handling

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

Compatibility

Species: All AG transplants including citrus, apple, peach, grape, etc.

Fungicides: Non-systemic fungicides normally have no effect. Foliar applied fungicides normally have no effect. Systemic fungicides may be applied 2 weeks before or after use of product. Fungicide use according to label instructions do not extinguish mycorrhizae, they only inhibit development for a short period of time.

Health & Safety

- 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 very slippery when wet.

Non Plant Food Ingredients

GUARANTEED ANALYSIS

Endomycorrhizal	27 Propagules per cubic centimeter to include: <i>Glomus mosseae</i> (5) <i>Glomus intraradices</i> (5) <i>Glomus fasciculatum</i> (5) <i>Glomus dussii</i> (3) <i>Glomus clarum</i> (3) <i>Glomus deserticola</i> (3)
Nitrogen Fixing, Phosphate Solubilizing and Growth Promoting Bacteria	2.7 Million Colony forming units per cubic centimeter of <i>Genus Bacillus</i> (32 species), <i>Genus Pseudomonas</i> (2 species), <i>Genus Streptomyces</i> (2 species).
<i>Trichoderma</i>	19,800 CFU's <i>Genus Trichoderma</i> (6 species), <i>Gliocladium virens</i> (2 strains), <i>Trichoderma Harzianum</i> (2strains), <i>Trichoderma viride</i> (2strains)
Sea Kelp Extract	3% <i>Ascophyllum nodosum</i>
Yucca Plant Extract	1% <i>Yucca schidigera</i>
Humic Acids	5% Derived from <i>Leonardite</i>
Horta-Sorb® MD Water Gel	Minimum 67% Particle Size 0.8 mm to 2.0 mm Percent Soluble less than 0.05% Absorption Rate 300-400 times in distilled water
OTHER INGREDIENTS	
Root Promoting Vitamin	B, B2, B3, B6, B7, B12, C, K, Biotin, Fulvic Acid
Amino Acids (Protein)	Animal and plant proteins

Limited Warranty: All information contained herein is offered in good faith. There are no warranties of merchantability of 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.

Distributed by: