

ENDO AND ECTO-MYCORRHIZAL INOCULANT

DIEHARD™ Root Reviver



“The Industry's First Complete Vertimulch Inoculant”

Product Features

Endomycorrhizal Fungi

Ectomycorrhizal Fungi

Beneficial Bacteria

Humic Acid

Sea Kelp

Amino Acids

Horta-Sorb® Water Management Gel

Trichoderma

Yucca Plant Extracts

Vitamin B Complex

Lasting Residual

Convenient Pre-Measured Bags

Product Benefits

IMPROVES

Survival

Rooting

Flowering

Water Absorption

Nutrient Availability

Yields and Production

Plant & Soil Health

REDUCES

Plant Losses

Fertilizer Use

Need Of Pesticides

Heat Stress Damage

Irrigation Frequency

Losses From Drought

Conditions

Compatibility

Species: All plants that associate with endo- and ectomycorrhizal fungi.

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 mycorrhiza, they only inhibit development temporarily.

Non Plant Food Ingredient

GUARANTEED ANALYSIS

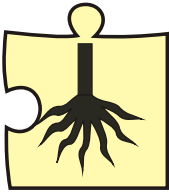
<i>Endomycorrhizal Fungi</i>	9 Propagules per gram <i>Glomus mosseae</i> , <i>Glomus intraradices</i> , <i>Glomus fasciculatum</i> , <i>Glomus dussii</i> , <i>Glomus clarum</i> , <i>Glomus deserticola</i> , <i>Glomus microaggregatum</i> .
<i>Ectomycorrhizal Fungi</i>	330,396 spores per gram to include: <i>Pisolithus tinctorius</i> (284,141) and <i>Rhizopogon</i> (46,256).
<i>Bacillus</i> , <i>Pseudomonas</i> & <i>Streptomyces</i> Species	4,648,722 CFU's per gram to include: Genus Bacillus: <i>B. megaterium</i> , <i>B. subtilis</i> , <i>B. amyloliquefaciens</i> , <i>B. azotoformans</i> , <i>B. licheniformis</i> , <i>B. pumilus</i> , <i>B. Firmus</i> , <i>B. coagulans</i> , <i>Geobacillus stearothermophilus</i> , and <i>Paenibacillus polymyxa</i> , <i>Paenibacillus Durum</i> . Genus Pseudomonas: <i>P. putida</i> , <i>P. fluorescense</i> , <i>P. Aureofaceans</i> . Genus Streptomyces: <i>S. lydicus</i> , <i>S. griseus</i> , <i>S. coelicolor</i> .
<i>Trichoderma</i>	15,991 CFU'S per gram <i>Genus Trichoderma: Trichoderma hamatum</i> , <i>Trichoderma harzianum</i> , <i>Trichoderma viride</i> , <i>Trichoderma reesei</i> .
Humic Acids	40% derived from Leonardite
Sea Kelp Extract	20% <i>Ascophyllum nodosum</i>
Yucca Plant Extract	1% <i>Yucca schidigera</i>
Horta-Sorb® MD Water Gel	Minimum 5% copolymer
Particle Size	1.0 mm to 2.0 mm.
Percent Soluble	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	<i>L-Alanine</i> , <i>L-Arginine</i> , <i>L-Aspartic Acid</i> , <i>L-Cystine</i> , <i>L-Glutamic Acid</i> , <i>L-Glycine</i> , <i>L-Histidine</i> , <i>L-Isoleucine</i> , <i>L-Leucine</i> , <i>L-Lysine</i> , <i>L-Methionine</i> , <i>L-Phenylalanine</i> , <i>L-Proline</i> , <i>L-Threonine</i> , <i>L-Serine</i> , <i>L-Tryptophan</i> , <i>L-Tyrosine</i> , <i>L-Valine</i> .

Directions For Use

Established Trees: Make holes in a 2 ½ to 3 foot grid pattern out to drip line. Apply 3 to 6 oz. per hole (2" wide x 8" deep). Mix product with soil removed and return to hole.

Stress Recovery - Small and newly planted trees and shrubs: Make holes around the root ball (4 holes per inch caliper). Apply 3 to 6 oz. per hole. Mix product with soil removed. Fill top 6-8" of hole with mixture and water in.

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Storage & Handling

Store in a cool, dry place. Avoid high temperatures and direct sunlight. Product shelf life is up to 24 months.

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.

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.

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