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Specifications

DIEHARD™ BACTERIA AND TRICHODERMA ON DEXTROSE

Part 1: Product Description

DIEHARD™ Bacteria and Trichoderma on Dextrose is formulated as a preparation to inoculate the ground of high profile landscape beds with beneficial mycorrhizal fungi when planting. It contains highly selected Contains Broad Spectrum of Beneficial Organisms to Enhance Biological Activity Contains Select Species /Strains Capable of Stimulating Induced Systemic Response (ISR) & Systemic Acquired Resistance (SAR) • Promotes Nutrient Solubilization & Mineralization, Enhances Nutrient Uptake • Enhances Photosynthetic Capacity & Reduces Supplemental N, P, K Requirements • Contains L-Cystine, L-Glycine, L-Glutamate to Facilitate Production of Glutathione a Potent Abiotic Stress Reducer • Contains L – Tryptophan to Facilitate Production of Indole Acetic Acid (IAA), a Natural Phyto-Hormone Responsible for Triggering Flowering Mechanism • Contains High Concentrations of Sugars To Supplement Plants Increased Requirement during the Flowering Phase

Part 2: Product Specification

Bacillus, Pseudomonas & Streptomyces Species		CFU per gram
Bacillus	Firmus	100,000,000
Bacillus	Amyloliuefacients	100,000,000
Bacillus	Subtilis	100,000,000
Bacillus	Licheniformis	100,000,000
Bacillus	Megaterium	100,000,000
Bacillus	Pumilus	100,000,000
Bacillus	Azotoformans	100,000,000
Bacillus	Coagulans	100,000,000
Geobacillus	Stearothermophilus	100,000,000
Paenibacillus	Polymyka	100,000,000
Paenibacillus	Durum	100,000,000
Pseudomas	Aereofaceans	20,000,000
Pseudomas	Fluorescence	22,000,000
Pseudomas	Putida	22,000,000
Streptomyces	Coelicolor	22,000,000
Streptomyces	Lydicus	20,000,000
Streptomyces	Griseus	22,000,000
Total		1,228,000,000

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*Technology Based * Service Lead * Customer Driven*



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		CFU per gram
Trichoderma		
Trichoderma	Reesei	22,000,000
Trichoderma	Hamatum	22,000,000
Trichoderma	Harzianum	22,000,000
Total		66,000,000

79.00 % Dextrose, 15.00 % Sucrose, 2.00 % Amino Acids Protein Hydrolysate (L-Alanine, L-Argine, L-Aspartic Acid, L-Cystine, L-Glutamic Acid, L-Glycine, L-Histidine, L-Isoleucine, L-Leucine, L-Lysine, L-Methionine, L-Phenylalanine, L-Proline, L-Threonine, L-Serine, L-Tryptophan, L-Tyrosine, L-Valine) 2.00 % Vitamin B Complex, 2.00 % Natural Silica (Drying Agent)

Part 3: Instructions

Product should be stored in a cool, dry area out of direct sunlight. * Keep container and inner bag tightly sealed. When stored properly products has 2 year shelf life * When applying product mixture to soil be sure to utilize an adequate volume of water to achieve desired coverage. * When applying product mixture to foliage utilize in conjunction with molasses to promote adhesion to leaf surface and stimulate foliar colonization.

Part 4: Execution

Use in accordance with approved submittal for each type of planting required in strict accordance with supplier's instructions and recommendations.

Part 5: Manufacturer's Service

At the request of specifier provide the services of a qualified technical representative to instruct the user in proper mixing and handling of the product.

Part 6: Verification of Use

At the request of the specifier excavation of random plots of up to 1% of planted materials. Specifier shall require alternative procedures if product has not been used.

END OF SECTION

Free Of Charge Services Provided to Specifiers

We do a take off for you - fax your plant list to us and we will do a take off and fax back to you the amount of materials required for the job.

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We can provide verification to you that the contractor has purchased products.