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## Specifications

# DIEHARD™ ECTO INJECTABLE

### Product Description

Established trees which associate with ectomycorrhizae in decline from construction damage or as part of an annual preventative maintenance measure shall be treated with live beneficial mycorrhizal fungi with the use of root injection equipment. The inoculum shall contain highly selected strains of low host specificity ectomycorrhizal fungi that will quickly colonize the roots of mature and newly planted landscape trees and shrubs. The mycorrhizal fungi inoculants shall include humic acids, soluble sea kelp and yucca plant extracts and a beneficial bacteria package to promote rapid root development.

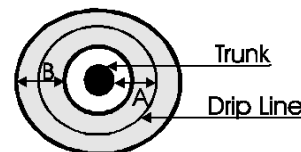
### Product Specification

Ectomycorrhizal Fungi	6,607,930 spores per gram to include: Pisolithus tinctorius (5,682,819), Rhizopogon (925,111).
<i>Trichoderma</i>	799,559 CFU's per gram Genus Trichoderma: Trichoderma hamatum, Trichoderma harzianum, Trichoderma reesei.
Bacillus, Pseudomonas & Streptomyces Species	232,436,123 CFU's per gram of Genus Bacillus (11 species), Genus Pseudomonas (3 species), Genus Streptomyces (3 species).
Humic Acid	26 % derived from <i>Leonardite</i>
Soluble Yucca Extract	10% <i>Yucca schidigera</i>
Soluble Sea Kelp Extract	18% <i>Ascophyllum nodosum</i>
Amino Acids (Protein)	Animal and plant proteins
Root Promoting Vitamins	Biotin, Folic Acid, B, B2, B3, B6, B7, B12, C, and K
Fulvic Acid	Plant-derived mineral
Natural Sugars	Dextrose

\*Note - Bacteria are measured in colony forming unit's (CFU's)

### Application

Mix the contents of each 8 oz. bag with 100 gallons of water. Fertilizers may be added. Inject on a 2 ½ foot grid pattern ½ gallon of solution per injection site. The following injection area is suggested



Method: Measure from the trunk to the drip line (A). Divide this number by 2. Measure from the drip line this amount towards the tree and out-

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*Technology Based \* Service Lead \* Customer Driven*



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ward from the drip line and treat this area (B) using a grid pattern.

### **Execution**

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

### **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.

### **Verification of Use**

At the request of the specifier excavation of random plots of up to 1% of planted materials. Alternative procedures if product has not been used shall be required by specifier.

### **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.
- We introduce your contractors to our products - give us a list of your contractors and we will introduce, educate and provide them with installation information and list of materials for the job.
- With toll-free phone and fax lines we are at your service at a moments notice.
- We can provide verification to you that products have been purchased by the contractor.