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Specifications

DIEHARD™ INJECTABLE

Product Description

DIEHARD™ Injectable is formulated to be used to treat mature and newly planted landscape trees and shrubs with live beneficial mycorrhizal fungi with root injection equipment. It contains highly selected strains of low host specificity endo (7) - ectomycorrhizal (2) fungi that will quickly colonize the roots of mature and newly planted landscape trees and shrubs. The mycorrhizal fungi inoculants are combined with complete package of humic acids, soluble sea kelp and yucca plant extracts and a full beneficial bacteria package to promote rapid root development.

Product Specification

Endomycorrhizal	166 Propagules per cubic centimeter: <i>Glomus mosseae</i> (33), <i>Glomus intraradices</i> (33), <i>Glomus fasciculatum</i> (33), <i>Glomus dussii</i> (16.8), <i>Glomus clarum</i> (16.8), <i>Glomus deserticola</i> (16.8), <i>Glomus microaggregatum</i> (16.8).
Ectomycorrhizal	4,565,000 spores per cubic centimeter to include: <i>Pisolithus tinctorius</i> (3,925,900) <i>Rhizopogon</i> (639,100).
<i>Trichoderma</i>	79,680,000 CFU's <i>Genus Trichoderma</i> (6 species), <i>Gliocladium virens</i> (2 strains), <i>Trichoderma Harzianum</i> (2 strains), <i>Trichoderma viride</i> (2 strains).
Nitrogen Fixing, Phosphate Solubilizing and Growth Promoting Bacteria.	53,120,000 Colony forming units per cubic centimeter of <i>Genus Bacillus</i> (32 species), <i>Genus Psuedomonas</i> (2 species), <i>Genus Streptomyces</i> (2 species).
Humic Acid	26% derived from <i>Leonardite</i>
Sea Kelp Extract	18% <i>Ascophyllum nodosum</i>
Yucca Plant Extract	17% <i>Yucca schidigera</i>
Root Promoting Vitamin	B, B2, B3, B6, B7, B12, C, K, Biotin, Fulvic Acid
Amino Acids (Protein)	Animal and plant proteins
Fulvic Acid	Plant-derived mineral
Natural Sugars	Dextrose

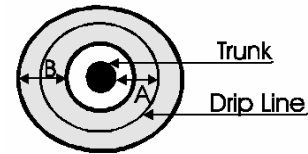


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Application

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 8-10 inches deep ½ gallon of solution. The following injection area is suggested:

The following placement 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 outward 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 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.

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 the contractor has purchased products.