

"The Industry's First Complete Ecto Injectable Inoculant"

DIEHARDTM Ecto 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 species of low host specificity ectomycorrhizal fungi that will quickly colonize the roots of mature and newly planted landscape trees and shrubs. *Trichoderma* has been added to promote mycorrhizal colonization and prevent fungal diseases. The mycorrhizal inoculants are combined with humic acids, soluble sea kelp, yucca plant extracts and beneficial bacteria to promote rapid root development.

Product Benefits

IMPROVES

Survival Rooting Flowering Water Absorption Nutrient Availability Yields and Production Client Satisfaction & Goodwill

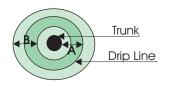
REDUCES

Plant Losses Fertilizer Use Need Of Pesticides Heat Stress Damage Irrigation Frequency Losses From Drought Conditions

Directions For Use

Mix the contents of each 8 oz. bag with 100 gallons of water. Inject on a 2 $\frac{1}{2}$ to 3 foot grid pattern applying $\frac{1}{2}$ 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 outward from the drip line and treat this area (B) using a grid pattern.



Non Plant Food Ingredients

Ectomycorrhizal Fungi	5,417,500 spores per cubic centimeter to include: <i>Pisolithus</i> <i>tinctorius</i> (4,659,050), <i>Rhizopogon</i> (758,450).
Humic Acids	26% Derived from Leonardite
Soluble Yucca Extract	17% Yucca schidigera
Soluble Sea Kelp Extract	18 % Ascophyllum nodosum
Trichoderma	94,560,000 CFU's per cc <i>Genus</i> <i>Trichoderma</i> (6 species), <i>Gliocladium virens</i> (2 strains), <i>Trichoderma harzianum</i> (2 strains), <i>Trichoderma viride</i> (2 strains).
Phosphate Solubilizing, Nitrogen Fixing and Growth Promoting Bacteria.	63,040,000 Colony forming units per cubic centimeter of <i>Genus</i> <i>Bacillus</i> (32 species), <i>Genus</i> <i>Psuedomonas</i> (2 species), <i>Genus</i> <i>Streptomyces</i> (2 species).
Root Promoting Vitamin	Biotin, Folic acid, B, B2, B3, B6, B7, B12, C and K.
Amino Acids (Protein)	Animal and plant proteins
Fulvic Acid	Plant-derived mineral

Compatibility

Species: Alder, Arborvitae, Birch, Hazelnut, Pine, Chestnut, Hickory, Spruce, Aspen, Chinquapin, Larch, Basswood, Fir, Oak, Beech, Hemlock, Pecan, Eucalyptus and Willow.

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.

Storage & Handling

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

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DATA SHEET #8 ECTOMYCORRHIZAL INOCULANT DIEH&RDTM Ecto Injectable



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Plant Species and Type of Mycorrhizae

Endomycorrhizae

All nut trees except Pecan, Chestnut, Macadamia, and Hazelnut. All fruit trees, grapevines, grasses and many vegetables All berries except blueberry, cranberry and lingonberry. All shrubs and foliage except Laurel, Rhododendron, and Azalea

Ectomycorrhizae

		Birch Chestnut Chinquapin		Madrone Oak Pecan	Poplar Spruce Willow	
	Beech	Fir	Linden	Pine		
Both Endo and Ectomycorrhizae						
		Alder	Cottonwoo	1		
		Aspen	Eucalyptus	s Willo	W	

Health & Safety

Inhalation	If dusty conditions exist wear a
Ingestion	dust mask. Drink large amounts of water,
ingestion	induce vomiting, and seek
	medical attention.
Eyes	Flush with large amounts of water.
Eyes 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.

DIEHARDTM Inoculants

<u>DIEHARD™Transplant</u> - For trees and shrubs <u>DIEHARD™Palm</u> - For transplanting palms DIEHARD™Flower Bed - For flower beds DIEHARD™Root Reviver - For established and newly transplanted trees and shrubs <u>DIEHARD™Root Dip</u> - Ecto and endomycorrhizae for bare root treatment DIEHARD™Ecto Root Dip - For ecto specific plant species such as Oaks, Poplar, and Pines DIEHARD™ Injectable - For both endo and ecto specific plant species DIEHARD™ Ecto Nursery Drench - Custom blend of NINE strains of ecto for large scale nursery inoculation DIĚHARD™BioRush® -Dry, soluble, and beneficial bacteria DIEHARD™BioRush® Fe -Dry, soluble chelated iron and beneficial bacteria

Distributed by:

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