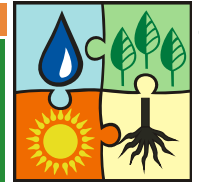


For flower beds, turf, vegetables planting, seedling

# DIEHARD™ COMPLETE



ALLIANCE

HORTICULTURAL

**"The Industry's Most Complete Transplant & Seedling Soil Amendment"**

## Product Features

One-time application containing Ecto and Endomycorrhizal Fungi, Beneficial Bacteria, Humic Acid, Sea Kelp Amino Acids, *Trichoderma*, Yucca Plant Extracts, Vitamin B Complex, Lasting Residual, and Horta-Sorb® Water Management Gel

## 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

## Compatibility

**Species:** All plants that associate with endomycorrhizal 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.

## Directions For Use

**Flower Beds & Vegetable Plantings:** Mix thoroughly into the first 3" to 4" of soil at the rate of 2 lbs. per 100 sq. ft. of bed.

**Garden Seeding:** Band beneath seed or transplants and cover with 1/4 to 1/2 inch of soil at the rate of 1 tsp. per plant or one cup per 25 feet of row.

**Bulbs:** Place one tablespoon beneath each when planting.

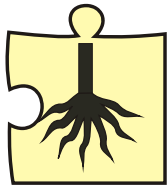
## Non Plant Food Ingredient

### GUARANTEED ANALYSIS

<i>Endomycorrhizal Fungi</i>	22 spores per gram <i>Glomus mosseae</i> , <i>Glomus intraradices</i> , <i>Glomus claroideum</i> , <i>Glomus etunicatum</i> , <i>Glomus clarum</i> , <i>Glomus deserticola</i> , and <i>Glomus microaggregatum</i> .
<i>Ectomycorrhizal Fungi</i>	66,079 spores per gram to include: <i>Pisolithus tinctorius</i> (56,828) and <i>Rhizopogon</i> (9,251).
<i>Bacillus</i> , <i>Pseudomonas</i> & <i>Streptomyces</i> Species	66,322,731 CFU's per gram <b>Genus Bacillus:</b> <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> . <b>Genus Pseudomonas:</b> <i>P. putida</i> , <i>P. fluorescence</i> , <i>P. aureofaceans</i> , <i>P. Durum</i> . <b>Genus Streptomyces:</b> <i>S. lydicus</i> , <i>S. griseus</i> , <i>S. coelicolor</i> .
<i>Trichoderma</i>	15,991 CFU's per gram Genus <i>Trichoderma</i> : <i>Trichoderma hamatum</i> , <i>Trichoderma harzianum</i> , <i>Trichoderma viride</i> , <i>Trichoderma reesei</i> .
Humic Acids	40% derived from <i>Leonardite</i>
Sea Kelp Extract	19% <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, B5, B6, B7, B9, B12, C, K, Biotin.
Amino Acids	<i>L-Alanine</i> , <i>L-Argine</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> .
Additional Microbials	Purines, Pyrimidines, Fulvic Acid, Dextrose, Sucrose.

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Web Page: <http://www.horticulturalalliance.com>, E-Mail: [info@horticulturalalliance.com](mailto:info@horticulturalalliance.com)

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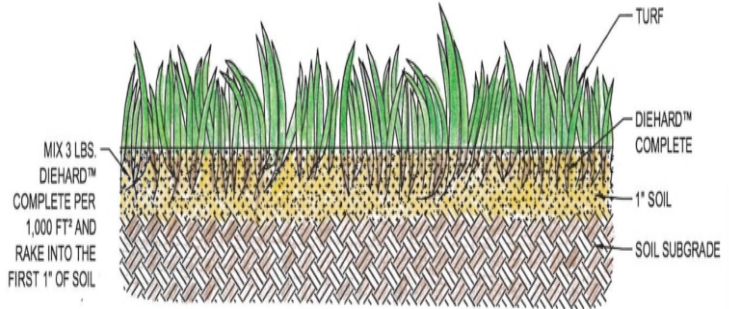
# DIEHARD™ COMPLETE



***“The Industry’s Most Complete Transplant & Seedling Soil Amendment”***

**Vertimulching:** Bore 2 inch diameter holes on a 2.5 to 3 foot grid pattern in the vicinity of roots and mix 4 oz. of product with soil removed and return to fill hole.

**Planting Trees & Shrubs:** We strongly recommend using DIEHARD™ Transplant or DIEHARD™ Palm Transplant when transplanting because these products contain over 25% of Horta-Sorb® - horticultural grade super absorbent, which is very beneficial when transplanting.



<https://www.caddetails.com/467>

Plant Size	Container or Ball Size	Rate
Flower/Veg.	4 inch	1 tsp/½ oz.
Shrub	1 gal.	2 tbs/1 oz.
Shrub	3 gal.	8 oz./4 oz.
Shrub	5 gal.	1 cup/8 oz.
2” diameter	20 gal/24” ball	2 cups/1 lbs.
3” diameter	30 gal/32” ball	4 cups/2 lbs.
4” diameter	50 gal/44” ball	8 cups/4 lbs.
6” diameter	200 gal/60” ball	8 lbs.

**Turf:** Sod, Seed, Sprigs: Mix 3 lbs. per 1,000 square feet and rake into the first 1 inch of soil.

**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.

## Storage & Handling

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

- 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.

**Distributed by:**