

# Components/Products - Product Comparison - HORTICULTURAL ALLIANCE, INC.

As of 8.21.17

Monday, August 21, 2017

## Plant Health Care

TREE SAVER vs. DIEHARD Transplant	DIEHARD™ Transplant	PHC Tree Saver	Difference
Cost to treat a 2" caliper tree	\$5.39	\$6.09	-12%
<b>INGREDIENTS:</b>			
ENDO Propagules Per Inch Caliper	1,650	994	66%
ECTO Spores Per Inch Caliper	22,550,000	17,812,500	27%
Gel Per Inch Caliper (gm.)	33	33	0%
Yucca %	4%	1.6	-97%
Sea Kelp Meal %	10%	24	-100%
Humates %	24%	11	-98%
Sugar %	NONE	3.7	N/A
CFU's Beneficial Bacteria Per Inch Caliper	6,295,900,000	60,750,000	10264%
CFU's Trichoderma Per Inch Caliper	3,085,500	NONE	100%
Helper Bacteria Included	Yes	Yes	

PALM PRODUCTS	DIEHARD™ Palm 6-3-6	PHC Palm 6-3-6	Difference
Cost per Lb.	\$2.59	\$1.93	34%
Number of Endo Species	6	4	50%
Endo Propagules per lb.	2461	748	229%
Humic Acid	3%	7%	-57%
Beneficial Bacteria - Million CFU's/Lb.	10,054	78	12790%
Trichoderma - Million CFU's/Lb.	3.6	NONE	100%
Yucca Extract %	1%	NONE	100%
Sea Kelp Extract	3%	NONE	100%
Horticultural Grade Gel	2%	NONE	100%
Helper Bacteria Included	Yes	Yes	

PLANT SAVER	DIEHARD™ Root Reviver	PHC Plant Saver	Difference
Cost per lb	\$2.60	\$1.82	43%
<b>INGREDIENTS:</b>			
ENDO Propagules Per Gram	15	2	545%
ECTO Spores Per Gram	363,436	29,735	1122%
Yucca %	1	NONE	N/A
Sea Kelp Meal %	20	NONE	N/A
Humic Acid %	35	7	395%
CFU's Beneficial Bacteria Per Pound	2,108,000,000	80,000,000	2535%
CFU's Trichoderma Per Pound	7,260,000	NONE	100%
Helper Bacteria Included	Yes	Yes	

FLOWER BED	DIEHARD™ Complete	PHC Flower Saver	Difference
Cost per 100 sq. ft.	\$10.00	\$39.60	-75%
Rate per 100 sq. ft. in pounds	2	6	-67%
<b>INGREDIENTS:</b>			
ENDO Propagules Per 100 sq. ft.	13200	19800	-33%
Yucca %	1%		100%
Sea Kelp %	176	436	-60%
Humic Acid per 100 sq. ft. in grams	288	654	-56%
CFU's Beneficial Bacteria Per 100 sq. ft.	40,216,000,000	1,500,000,000	2581%
CFU's Trichoderma Per 100 sq. ft.	14,520,000	NONE	100%
Helper Bacteria Included	Yes	Yes	

	<b>DIEHARD™</b>	<b>PHC</b>	
<b>UNIVERSAL TREE SOLUBLE INJECTABLE</b>	<b>Injectable</b>	<b>Injectable</b>	<b>Difference</b>
Cost per 8 oz. package	\$39.95	\$37.55	6%
<b>INGREDIENTS:</b>			
ENDO Propagules Per Gram	278	176	58%
ECTO Spores Per Gram	14,537,445	3,920,705	271%
Yucca %	6%	7%	-21%
Soluble Sea Kelp %	13%	17%	-20%
Soluble Humic & Fulvic Acids %	20%	20%	0%
CFU's Beneficial Bacteria Per Gram	464,317,181	49,559,471	837%
CFU's Trichoderma Per Gram	1,599,119	<b>NONE</b>	100%
Helper Bacteria Included	Yes	Yes	

	<b>DIEHARD™</b>	<b>PHC</b>	
<b>ECTO INJECTABLE</b>	<b>Ecto Injectable</b>	<b>Ecto Injectable</b>	<b>Difference</b>
Cost per 8 oz. bag	\$24.95	\$24.93	0%
<b>INGREDIENTS:</b>			
ECTO Spores Per Gram	14,537,445	8,149,780	78%
Yucca %	10%	13%	-20%
Soluble Sea Kelp %	18%	12%	47%
Soluble Humic & Fulvic Acids %	26%	16%	65%
CFU's Beneficial Bacteria Per Gram	232,158,590	52,863,436	339%
CFU's Trichoderma Per Gram	799,559	<b>NONE</b>	100%
Helper Bacteria Included	Yes	Yes	

	<b>DIEHARD™</b>	<b>PHC</b>	
<b>VERTIMULCH</b>	<b>Root Reviver</b>	<b>Vertimulch</b>	<b>Difference</b>
Cost per pound	\$2.60	\$2.41	7%
<b>INGREDIENTS:</b>			
ENDO Propagules Per Gram	6	2	209%
ECTO Spores Per Gram	726872	110132	560%
Yucca %	1%	<b>NONE</b>	100%
Soluble Sea Kelp %	5%	<b>NONE</b>	100%
Soluble Humic & Fulvic Acids %	1%	<b>NONE</b>	100%
Humic Acid derived from Leonardite	40%	30%	24%
CFU's Beneficial Bacteria Per Gram	4,643,172	171,806	96%
CFU's Trichoderma Per Gram	15,991	<b>NONE</b>	100%
Helper Bacteria Included	Yes	Yes	

	<b>DIEHARD</b>	<b>PHC</b>	
<b>ROOT DIP</b>	<b>Root Dip</b>	<b>Root Dip</b>	<b>Difference</b>
Cost per 15 oz. bag	\$23.95	<b>\$38.52</b>	-38%
ENDO Propagules Per Gram	117	112	4%
Number of Endo Species	6	4	50%
ECTO Spores Per Pound	660,000,000	95,000,000	595%
Number of Ecto Species	3	1	200%
Yucca %	1%	6%	-89%
Super Absorbent Gel %	55%	26%	112%
CFU's Trichoderma Per Gram	79,956	<b>NONE</b>	100%
Beneficial Bacteria Cfu's per lb.	5,540,000,000	2,670,000,000	107%
Trichoderma CFU's per lb.	36,300,000	<b>NONE</b>	100%

<b>BIOPAK</b>	<b>DIEHARD BioRush®</b>	<b>PHC BioPac</b>	<b>Difference</b>
<b>Cost per pound</b>	\$18.00	\$20.80	-13%
<b>INGREDIENTS:</b>			
<b>Yucca %</b>	2.0	<b>NONE</b>	none
<b>Soluble Sea Kelp %</b>	18	24	-27%
<b>Soluble Humic &amp; Fulvic Acids %</b>	21	13	58%
<b>CFU's Beneficial Bacteria Per Gram</b>	696,475,771	99,118,943	603%
<b>CFU's Trichoderma Per Gram</b>	2,398,678	<b>NONE</b>	100%
<b>Sugar %</b>	24%	14%	73%

<b>25-Jun-14 BioRush® Plus</b>	<b>DIEHARD™ BioRush® Plus</b>	<b>PHC BioPac Plus</b>	<b>Difference</b>
<b>Cost per pound</b>	\$8.50	\$10.00	-15%
<b>INGREDIENTS:</b>			
<b>Nitrogen (N)</b>	3.3	3.0	10%
<b>Soluble Potash (K2O)</b>	11.0	20.0	-45%
<b>Iron (Fe)%</b>	4.0	7.0	-43%
<b>Sulfur (S) %</b>	5.4	4.0	34%
<b>Magnesium (Mg) %</b>	0.6	1.5	-60%
<b>Manganese (Mn)%</b>	0.6	0.2	223%
<b>Boron (B)%</b>	0.11	<b>NONE</b>	#VALUE!
<b>Zinc (Z)%</b>	1.5	0.2	650%
<b>Yucca %</b>	1.1	2.0	-45%
<b>Soluble Sea Kelp %</b>	9.0	4.0	125%
<b>Soluble Humic &amp; Fulvic Acids %</b>	9.0	3.5	157%
<b>Sugar %</b>	10.6	6.0	76%
<b>CFU's Beneficial Bacteria Per Gram</b>	225,022,026	11,013,216	1943%
<b>CFU's Trichoderma Per Gram</b>	639,648	<b>NONE</b>	100%

Information offered in Good Faith and believed to be accurate.

DIEHARD™ and BioRush® are trade names owned by Horticultural Alliance, Inc., Sarasota, FL 34243

PROMAX™ PLUS is a registered trade name owned by LESCO, Cleveland, OH 44114-1849

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## Product Comparisons - Roots

Tuesday, September 13, 2016

	DIEHARD™ Tranplant	Roots™ 1 Step	Difference
<b>TRANSPLANT</b>			
<b>INGREDIENTS:</b>			
Price to treat a 2 inch caliper tree	\$5.39	\$4.00	35%
Rate per 2 inch caliper tree	8 oz.	8 oz.	0%
ENDO per 2 inch caliper tree	3300	2338	41%
ECTO per 2 inch caliper tree	45,100,000	21,621,750	109%
Grams of Gel per 2 inch caliper tree	65	27	139%
Yucca %	4%	NONE	100%
Sea Kelp Meal %	10%	7.5%	35%
Humates %	21%	7.0%	197%
CFU's Beneficial Bacteria Per Inch Caliper	12,591,800,000	NONE	100%
CFU's Trichoderma Per Inch Caliper	6,171,000	NONE	100%
Helper Bacteria Included	YES	NONE	100%

	DIEHARD™ Tranplant	M-Roots	Difference
<b>TRANSPLANT</b>			
<b>INGREDIENTS:</b>			
Price to treat a 4 inch caliper tree	\$9.50	\$8.64	10%
Pounds per 4 inch caliper tree	1	12	-92%
ENDO per 4 inch caliper tree	6,600	14,982	-56%
ECTO per 4 inch caliper tree	90,200,000	373,623,840	-76%
Gel per 4 inch caliper tree in grams	130	NONE	100%
Yucca %	4%	NONE	100%
Sea Kelp Meal %	10%	NONE	100%
Humates %	21%	NONE	100%
CFU's Beneficial Bacteria Per Inch Caliper	6,295,900,000	NONE	10%
CFU's Trichoderma Per Inch Caliper	3,085,500	NONE	100%
Helper Bacteria Included	YES	NONE	100%

	DIEHARD™ Complete	M-Roots	Difference
<b>FLOWER BED</b>			
<b>INGREDIENTS:</b>			
Pounds per 100 sq. feet	2.00	5.00	-60%
ENDO per 100 sq. feet	13,200	6,000	120%
ECTO per 100 sq. feet*	217,480,176	155,676,600	NOT NEEDED
Yucca %	1%	NONE	100%
Sea Kelp Meal %	19%	Not Disclosed	
Humates %	32%	Not Disclosed	
CFU's Beneficial Bacteria Per 100 sq. ft.	40,216,000,000	NONE	100%
CFU's Trichoderma Per 100 sq. ft.	14,520,000	NONE	100%
Helper Bacteria Included	YES	NONE	100%

\*Flower/Annuals do not associate with ECTO.

	DIEHARD™ Complete	M-Roots	Difference
<b>TURF</b>			
<b>INGREDIENTS:</b>			
Rate per 100 sq. feet in pounds	0.75	10	-93%
ENDO per 100 sq. feet	4,950	12,000	-59%
ECTO per 100 sq. feet	49,500,000	311,353,200	NOT NEEDED
Yucca %	1%	NONE	100%
Sea Kelp Meal %	19%	Not Disclosed	100%
Humates %	32%	Not Disclosed	100%
CFU's Beneficial Bacteria Per 100 sq. ft.	15,081,000,000	NONE	100%
CFU's Trichoderma Per 100 sq. ft.	5,445,000	NONE	100%
Helper Bacteria Included	YES	NONE	100%

\*Turf does not associate with ECTO.

<b>UNIVERSAL TREE SOLUBLE INJECTABLE</b>	<b>DIEHARD™ Injectable</b>	<b>Fertertilizer w IronRoots+Myco</b>	<b>Difference</b>
Cost per 8 oz. package	\$39.95	\$37.55	6%
<b>INGREDIENTS:</b>			
ENDO Propagules Per Gram	278	3	8327%
ECTO Spores Per Gram	14,537,445	101,600	14209%
Yucca %	6%	<b>NONE</b>	100%
Soluble Sea Kelp %	13%	0.6%	2303%
Soluble Humic & Fulvic Acids %	20%	0.7%	2763%
CFU's Beneficial Bacteria Per Gram	464,317,181	<b>NONE</b>	100%
CFU's Trichoderma Per Gram	1,599,119	<b>NONE</b>	100%
Helper Bacteria Included	Yes	Yes	

<b>ROOT DIP</b>	<b>DIEHARD™ Root Dip</b>	<b>Roots, Inc. Root Dip</b>	<b>Difference</b>
Seedling to treat with one ounce	<b>188</b>	<b>32</b>	488%
ENDO Propagules Per Gram	117	67	74%
ECTO Spores Per Gram	1,453,744	2,032,000	-28%
Yucca %	1.0	0.6	67%
Super Absorbent Gel %	55	27	104%
CFU's Beneficial Bacteria Per Gram	12,202,643		
CFU's Trichoderma Per Gram	79,956	<b>NONE</b>	100%

<b>PROPAGATION MIX</b>	<b>DIEHARD™ Complete</b>	<b>M-Roots</b>	<b>Difference</b>
INGREDIENTS:			
Rate per cu. yd. in lbs	3.00	10.00	-70%
ENDO per per cu. yd	19,800.00	12,000.00	65%
ECTO per 100 sq. feet	198,000,000	311,353,200	-36%
Yucca %	1%	<b>NONE</b>	100%
Sea Kelp Meal %	19%	<b>Not Disclosed</b>	
Humates %	32%	<b>Not Disclosed</b>	
CFU's Beneficial Bacteria Per per cu. yd	60,324,000,000.00	<b>NONE</b>	100%
CFU's Trichoderma Per per cu. yd	21,780,000.00	<b>NONE</b>	100%
Helper Bacteria Included	YES	<b>NONE</b>	100%

Information used is from Roots data available on the internet and at trade shows.

Information offered in Good Faith and believed to be accurate.

ROOTS product names belong to Lebanon Seaboard Corp., Lebanon, PA 17042

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## Product Comparisons - Rootgrow, Inc.

March 15, 2009

	<b>DIEHARD™ Injectable</b>	<b>Rhizo Fuel</b>	<b>Difference</b>
Cost per pound	\$58.90	\$49.00	20%
<b>INGREDIENTS:</b>			
Propagules 'Endomycorrhiza per pound	126,250	31,200	305%
No. of Endo Species	7	4	75%
Ectomycorrhiza spores per pound	6,600,000,000	1,500,000,000	340%
Yucca %	10%	<b>NONE</b>	100%
Humates %	26%	33%	-21%
Number of strains of Trichoderma	600%	200%	200%
Number of stains of Beneficial Bacteria	53	1900%	179%
Bacteria CFU's per pound	210,800,000,000	10,000,000,000	2008%
Helper Bacteria Included	YES	<b>NONE</b>	100%

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DIEHARD™ trade name owned by Horticultural Alliance, Inc., Sarasota, FL 34243

## Product Comparisons - Premier

Friday, June 10, 2016

<b>TREE TRANSPLANT</b>	<b>DIEHARD™ Transplant</b>	<b>Myke Tree &amp; Shrub</b>	<b>Difference</b>
Cost to treat a 2" caliper tree	\$6.00	\$6.14	-2%
<b>INGREDIENTS:</b>			
ENDO Propagules Per Inch Caliper	1,650	495	233%
ECTO Spores Per Inch Caliper	22,550,000	350,000	6343%
Gel Per Inch Caliper (gm.)	33	<b>NONE</b>	100%
Yucca %	4	<b>NONE</b>	100%
Sea Kelp Meal %	10	<b>NONE</b>	100%
Humates %	24	<b>NONE</b>	100%
CFU's Beneficial Bacteria Per Inch Caliper	6,295,900,000	<b>NONE</b>	100%
CFU's Trichoderma Per Inch Caliper	3,085,500	<b>NONE</b>	100%
Helper Bacteria Included	Yes	<b>NONE</b>	

<b>FLOWER BED</b>	<b>DIEHARD™ Complete</b>	<b>Myke Landscape G</b>	<b>Difference</b>
Cost per pound	\$5.15	\$6.14	-16%
<b>INGREDIENTS:</b>			
Rate per 100 sq.ft. lbs.	<b>2.00</b>	<b>4.00</b>	
Endomycorrhiza per pound	6,600	6,810	-3%
Yucca %	1%	<b>NONE</b>	100%
Sea Kelp Meal %	33%	<b>NONE</b>	100%
Humates %	13%	<b>NONE</b>	100%
CFU's Beneficial Bacteria Per 100 sq. ft.	40,216,000,000	<b>NONE</b>	100%
CFU's Trichoderma Per 100 sq. ft.	14,520,000	<b>NONE</b>	100%
Helper Bacteria Included	YES	<b>NONE</b>	

<b>TURF</b>	<b>DIEHARD™ Complete</b>	<b>Myke Pro Turf</b>	<b>Difference</b>
Cost per pound	\$5.15	\$6.14	-16%
<b>INGREDIENTS:</b>			
Endomycorrhiza per pound	6,600	6,810	-3%
Rate w Turf per 1,000 sq.ft. in lbs.	3	4	
Cost per thousand sq. ft.	\$15.44	\$24.55	
Endomycorrhiza propagules per 1,000 sq.ft.	19,800	27,240	
Yucca %	1%	<b>NONE</b>	100%
Sea Kelp Meal %	33%	<b>NONE</b>	100%
Humates %	13%	<b>NONE</b>	100%
CFU's Beneficial Bacteria Per 100 sq. ft.	40,216,000,000	<b>NONE</b>	100%
CFU's Trichoderma Per 100 sq. ft.	14,520,000	<b>NONE</b>	100%
Helper Bacteria Included	YES	<b>NONE</b>	

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Myke trade name property of Premier Tech, 1, avenue Premier, Rivière-du-Loup (Québec), Canada  
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## Product Comparisons - Plant Success

DIEHARD Transplant & DIEHARD Starter Mix	DIEHARD™ Transplant	Plant Success Granular	Difference
Price/lb.	\$12.00	\$17.91	-33%
Endo Propagules Per Gram	15	20	-27%
Endo species	7	2	250%
Ecto Spores Per Gram	198,678	240,000	-17%
Ecto species*	3	5	-40%
Beneficial Bacteria per gram	55,470,485	NONE	100%
Soluble Sea Kelp	10%	NONE	100%
Humic	21%	NONE	100%
Soluble Yucca	4%	NONE	100%
Horta-Sorb Polymer Gel	29%	NONE	100%
Helper Bacteria Included	YES	NONE	100%

\*Two species listed on packaging of Plant Success are NOTectomycorrhiza species.

INJECTABLES	DIEHARD™ Injectable	Plant Success Soluble	Difference
Price/lb.	\$58.90	\$64.97	-9%
Endo Propagules Per Gram	278	56	397%
Endo Species	6	7	-14%
Ecto Spores Per Gram	14,537,445	3,300,000	341%
Trichoderma CFU's Per Gram	1,599,119	NONE	100%
Species of Trichoderma	3	NONE	100%
Beneficial Bacteria CFU's per gram	464,317,181	NONE	100%
Soluble Yucca	6%	NONE	100%
Helper Bacteria Included	YES	NONE	100%

\*Two ECTO species listed on packaging of Plant Success are NOTectomycorrhiza species.

ROOT DIP	DIEHARD™ Root Dip	Plant Success Root Dip	Difference
Suggested Cost per lb.	\$31.95	\$38.95	-18%
ENDO Propagules Per Gram	117	112	4%
ECTO Spores Per Gram	1,453,744	1,453,744	0%
Yucca %	0.0	0.6	-8980%
Super Absorbent Gel %	55%	26%	53%
Species of Trichoderma	4	NONE	100%
CFU's Trichoderma Per Gram	79,956	NONE	100%
CFU's Beneficial Bacteria Per Gram	12,202,643	NONE	100%
Helper Bacteria Included	YES	NONE	100%

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## Product Comparisons - Soil Moist

Friday, June 10, 2016

	DIEHARD™ Transplant	Soil Moist™ Transplant	Difference
Cost to treat a 2" caliper tree	\$6.00	\$6.52	-8%
<b>INGREDIENTS:</b>			
ENDO Propagules Per Inch Caliper	1,650	1,080	53%
ECTO Spores Per Inch Caliper	22,550,000	109,875,000	-79%
Gel Per Inch Caliper (gm.)	33	33	0%
Yucca %	4	<b>NONE</b>	100%
Sea Kelp Meal %	12	<b>NONE</b>	100%
Humates %	24	<b>NONE</b>	100%
CFU's Beneficial Bacteria Per Inch Caliper	6,295,900,000	488,000	1290043%
CFU's Trichoderma Per Inch Caliper	3,085,500	596,400	417%
Helper Bacteria Included	Yes	<b>NONE</b>	100%

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Soil Moist™ is a tradename owned by JRM Chemical.

## Product Comparisons - Bio/Organics

September 15, 2003

	DIEHARD™ Complete	Bio/Organics Endomycorrhiza	Difference
Cost per pound	\$5.15	\$25.00	-79%
<b>INGREDIENTS:</b>			
Endomycorrhiza per cc	17	50	-67%
Polymer Gel %	5%	<b>None</b>	100%
Yucca %	1%	<b>Unknown</b>	
Sea Kelp Meal %	19%	<b>Unknown</b>	
Humates %	32%	<b>Unknown</b>	
CFU's Beneficial Bacteria Per cc	33,129,480	<b>None</b>	100%
CFU's Trichoderma Per cc	11,961	<b>None</b>	100%
Helper Bacteria Included	YES	<b>NONE</b>	100%

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## Product Comparisons - Humboldt Nutrients

August 24, 2009

	DIEHARD™ Injectable	Myco Madness	Difference
Suggested Cost per lb.	\$58.90	\$90.00	-35%
ENDO Propagules Per cc	166	38	337%
ECTO Spores Per Gram	30,286,344	<b>NONE</b>	<b>NO ECTO</b>
Yucca %	10	<b>NONE</b>	<b>NO YUCCA</b>
Species of Trichoderma	6	2	200%
CFU's Trichoderma Per Gram	1,599,119	374,000	328%
CFU's Beneficial Bacteria Per Gram	464,317,181	600,000	77286%
Helper Bacteria Included	YES	<b>NONE</b>	<b>NO HELPER BAC.</b>

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Myco Madness is a trade name of Humboldt Nutrients



## Product Comparisons - Great White

Monday, March 06, 2017

	<b>DIEHARD™ Polar Bear</b>	<b>Great White</b>	<b>Difference</b>
Suggested Cost per lb.	\$58.90	\$90.00	-35%
ENDO Propagules Per Gram	432	387	12%
ECTO Spores Per Gram (Does not work with)	0	3,300,000	N/A
Yucca %	2%	<b>NONE</b>	N/A
Humic Acid %	4%	<b>NONE</b>	N/A
Sea Kelp%	5%	<b>NONE</b>	N/A
Species of Trichoderma	6	2	200%
CFU's Trichoderma Per Gram	399,780	313,125	28%
CFU's Beneficial Bacteria Per Gram	226,211,454	525,000	42988%
Helper Bacteria Included	YES	?	

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Great White is a trade name of Plant Revolution, Santa Ana, CA

## DIEHARD Vs. Helena

November 12, 2009

	<b>DIEHARD™ Injectable</b>	<b>Myco-Sol Drench</b>	<b>Difference</b>
<b>UNIVERSAL INJECTABLE</b>			
Cost per 8 oz. package	\$29.95	?	
<b>INGREDIENTS:</b>			
ENDO Propagules Per cc	217	51	326%
ECTO Spores Per Gram	11,368,282	3,520,000	223%
CFU's Beneficial Bacteria Per Gram	464,317,181	<b>NONE</b>	100%
CFU's Trichoderma Per Gram	1,599,119	<b>NONE</b>	100%
Helper Bacteria Included	Yes	<b>NO</b>	

\*PRICE BASED ON ENDO INOCULUM SHOULD BE \$179.78 PER POUND.

### ECTO INJECTABLE

\*\*\*\*HELENA DOES NOT HAVE ONE\*\*\*\*

IF YOU ARE TREATING OAKS, PINES, CHESTNUT, OR OTHER ECTO TREES  
WITH HELENA'S INJECTABLE IT IS COSTING YOU MANY TIMES THE COST OF  
OUR ECTO INJECTABLE.

	<b>DIEHARD™ Ecto Root Dip</b>	<b>Ecto-GEL Root Dip</b>	<b>Difference</b>
<b>BARE ROOT INOCULUM</b>			
Cost per 8 oz. bag	\$16.75	?	
<b>INGREDIENTS:</b>			
ECTO Spores Per cc	18,141,840	3,125,000	481%
CFU's Beneficial Bacteria Per Gram	22,502,203	<b>NONE</b>	100%
CFU's Trichoderma Per Gram	31,982	<b>NONE</b>	100%
Helper Bacteria Included	Yes	<b>NONE</b>	

^\*PRICE BASED ON INOCULUM SHOULD BE \$85.94 PER LB

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DIEHARD™ trade name owned by Horticultural Alliance, Inc., Sarasota, FL 34243

Myco Sol and Ecto-Gel are trade names of Helena Chemical, Memphis, TN

## Product Comparisons - BioPlex

Friday, June 10, 2016

	<b>DIEHARD™ Transplant</b>	<b>Bio-Plex 5-in-1</b>	<b>Difference</b>
Price per pound	\$9.50	\$6.25	52%
<b>INGREDIENTS:</b>			
ENDO Propagules Per 2 inch Caliper tree	3,300	1,000	230%
ECTO Spores Per Inch Caliper	22,550,000	3,000,000	652%
Grams of Gel Per Pound	130	45	189%
Yucca %	4	<b>NONE</b>	100%
Sea Kelp Meal %	12	<b>4</b>	188%
Humates %	24	<b>4</b>	511%
CFU's Beneficial Bacteria Per Inch Caliper	6,295,900,000	<b>NONE</b>	100%
CFU's Trichoderma Per Inch Caliper	3,085,500	<b>NONE</b>	100%
Helper Bacteria Included	Yes	<b>NONE</b>	100%
Volcanic Rock (i.e., perlite)	None	<b>20%</b>	?

Wednesday, October 05, 2016

	<b>DIEHARD™ Complete</b>	<b>Bio-Plex 4 in 1</b>	<b>Difference</b>
Price per pound	\$5.32	\$5.70	-7%
Cost to treat a 2" caliper tree	\$5.32	\$5.70	
<b>INGREDIENTS:</b>			
ENDO Propagules Per pound	3,178	1,000	218%
ECTO Spores Per Inch Caliper	33,000,000	3,000,000	1000%
Yucca %	1	<b>NONE</b>	100%
Sea Kelp Meal %	19	<b>Yes, not disclosed</b>	N/A
Humates %	35	<b>Yes, not disclosed</b>	N/A
CFU's Beneficial Bacteria Per Inch Caliper	10,054,000,000	<b>NONE</b>	100%
CFU's Trichoderma Per Inch Caliper	3,630,000	<b>NONE</b>	100%
Helper Bacteria Included	Yes	<b>NONE</b>	100%
Poultry litter	None	<b>Yes, not disclosed</b>	?
Volcanic Rock (i.e., perlite)	None	<b>Yes, not disclosed</b>	?

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BioPlex trade name is owned by BioPlex, Mt. Joy, PA 17552

## Product Comparisons - Espoma

Tuesday, February 28, 2017

TRANSPLANT	DIEHARD™ Transplant	Espoma Bio-tone Starter +	Difference
Price per pound	\$9.81	\$0.47	1985%
Cost to treat a 24" root ball	\$4.91	\$0.94	421%
<b>INGREDIENTS:</b>			
Pounds of product for 24" Ball*	0.50	2.00	-75%
Number of Endo Strains	6.00	2.00	200%
ENDO Propagules Per 24" Ball*	3,300	2,397	38%
ECTO Spores Per 24" Ball*	130,000,000	88,475,520	47%
Grams of Gel Per Pound	130	NONE	100%
Yucca %	4	NONE	100%
Sea Kelp Meal %	12	NONE	100%
Humates %	24	NONE	100%
CFU's Beneficial Bacteria Per Inch Caliper	10,054,000,000	1,217,628	825604%
CFU's Trichoderma Per Inch Caliper	10,372,981	NONE	100%
Helper Bacteria Included	Yes	NONE	100%

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DIEHARD™ trade name owned by Horticultural Alliance, Inc., Sarasota, FL 34243

Espoma Starter Plus name is property of The Espoma Company, Millville, NJ 08332

FLOWER BEDS	DIEHARD™ Complete	Espoma Starter Plus 4-3-3	Difference
Cost per pound	\$5.15	\$2.50	106%
Cost to treat 100 sq. ft. flower bed	\$10.30	\$10.00	3%
Rate per 100 Sq. Ft. in pounds	2.00	4.00	-50%
Endomycorrhiza per 100 sq. ft.	13,200	4,800	175%
Yucca %	1%	NONE	100%
Sea Kelp Meal %	19%	NONE	100%
Humates %	32%	NONE	100%
CFU's Beneficial Bacteria Per 100 sq. ft.	40,216,000,000	2,435,256	1651307%
CFU's Trichoderma Per 100 sq. ft.	14,520,000	NONE	100%
Helper Bacteria Included	YES	NONE	100%

Espoma Starter Plus name is property of The Espoma Company, Millville, NJ 08332

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