

Components/Products					
<b>Product Comparisons - PHC</b>					
June 1, 2004					
	<b>PHC</b>	<b>DIEHARD</b>			
<b>TREE SAVER vs. DIEHARD Transplant</b>	<b>Tree Saver</b>	<b>Transplant</b>	<b>Diff.</b>	<b>Actual Diff.*</b>	
Cost to treat a 2" caliper tree	\$5.20	\$3.97	-23.7%		
<b>INGREDIENTS:</b>					
ENDO Per Inch Caliper	994	1,385	39%		
ECTO Per Inch Caliper	17,812,500	22,500,000	26%		
Gel Per Inch Caliper (gm.)	28	33	16%		
Yucca %	1.5	4	175%	233%	
Sea Kelp Meal %	23	13	-43%	-25%	
Humates %	15	24	63%	84%	
CFU's Beneficial Bacteria Per Inch Caliper	NONE	100,000,000	NO BACTERIA		
CFU's Trichoderma Per Inch Caliper	NONE	150,000,000	O TRICHODERMA		
* Percentage differences are in fact an additional 33% higher than this because we apply 4 oz. of product per inch caliper compared to PHC's 3 oz. rate.					
	<b>PHC</b>	<b>DIEHARD</b>			
<b>PLANT SAVER</b>	<b>Plant Saver</b>	<b>Root Reviver</b>	<b>Diff.</b>		
Cost per lb	\$1.45	\$2.60	44%		
<b>INGREDIENTS:</b>					
ENDO Per Gram	2	8	234%	You could use	
ECTO Per Gram	29,735	330,396	1011%	DIEHARD	
Yucca %	None	1	NO YUCCA	At Half The Rate	
Sea Kelp Meal %	None	19	NO SEA KELP	and still get	(Not Recommended)
Humates %	7	41	482%	TWICE the	
CFU's Beneficial Bacteria Per Pound	80,000,000	200,000,000	150%	ingredients.	
CFU's Trichoderma Per Pound	NONE	300,000,000	O TRICHODERMA		
	<b>PHC</b>	<b>DIEHARD</b>			
<b>UNIV. INJECTABLE</b>	<b>Injectable</b>	<b>Injectable</b>	<b>Diff.</b>		
Cost per 8 oz. package	\$37.00	\$37.50	1%		
<b>INGREDIENTS:</b>					
ENDO Per Gram	176	220	25%		
ECTO Per Gram	3,900,000	6,057,269	55%		
Yucca %	0.07	10	14689%		
Soluble Sea Kelp %	16.5	18	7%		
Soluble Humic & Fulvic Acids %	20.0	26	32%		
CFU's Beneficial Bacteria Per Gram	49,559,471	70,484,581	42%		
CFU's Trichoderma Per Gram	NONE	105,726,872	O TRICHODERMA		
	<b>PHC</b>	<b>DIEHARD</b>			
<b>ECTO INJECTABLE</b>	<b>Injectable</b>	<b>Injectable</b>	<b>Diff.</b>		
Cost per 8 oz. bag	\$25.00	\$24.95	-0%		
<b>INGREDIENTS:</b>					
ECTO Per Gram	418,502	6,057,269	1347%		
Yucca %	12.00	10.4	-14%		
Soluble Sea Kelp %	15.0	17.6	17%		
Soluble Humic & Fulvic Acids %	20.0	26.4	32%		
CFU's Beneficial Bacteria Per Gram	66,079,295	70,484,581	7%		
CFU's Trichoderma Per Gram	NONE	105,726,872	O TRICHODERMA		
	<b>PHC</b>	<b>DIEHARD</b>			
<b>VERTIMULCH</b>	<b>Vertimulch</b>	<b>Root Reviver</b>	<b>Diff.</b>		
Cost per pound	\$2.43	\$2.60	7%		
<b>INGREDIENTS:</b>					
ENDO Per Gram	2	8	301%		
ECTO Per Gram	110132	330396	200%		
Yucca %	NONE	1%	NO YUCCA		
Soluble Sea Kelp %	NONE	19%	NO SEA KELP		
Soluble Humic & Fulvic Acids %	NONE	41%	NO SOL. HUMIC		
Humic Acid derived from Leonardite	30%	40%	32%		
CFU's Beneficial Bacteria Per Gram	171806	440,529	156%		
CFU's Trichoderma Per Gram	NONE	660,793	O TRICHODERMA		
	<b>PHC</b>	<b>DIEHARD</b>			
<b>ROOT DIP</b>	<b>Root Dip</b>	<b>Root Dip</b>	<b>Diff.</b>		
ENDO Per Gram	112	113	1%		
ECTO Per Gram	209,251	1,321,586	532%		

Yucca %	0.6	0.7	10%		
Super Absorbent Gel %	26	55	112%		
CFU's Trichoderma Per Gram	NONE	396,476	O TRICHODERMA		
	<b>PHC</b>	<b>DIEHARD</b>			
<b>BIOPAK</b>	<b>BioPac</b>	<b>BioRush</b>	<b>Diff.</b>		
Cost per pound	\$18.00	\$12.95	-28%		
<b>INGREDIENTS:</b>					
Yucca %	5	3.1	-38%		
Soluble Sea Kelp %	35	35	0%		
Soluble Humic & Fulvic Acids %	31	46	48%		
CFU's Beneficial Bacteria Per Gram	99,118,943	13,215,859	-87%		
CFU's Trichoderma Per Gram	NONE	19,823,789	O TRICHODERMA		
Sugar %	14%	4%	-72%		
	<b>PHC</b>	<b>DIEHARD</b>			
<b>BIOPAK Plus</b>	<b>BioPak Plus</b>	<b>BioRush Plus</b>	<b>Diff.</b>		
Cost per pound	\$10.00	\$8.50	-15%		
<b>INGREDIENTS:</b>					
Nitrogen (N)	3.0	3.3	10%		
Soluble Potash (K2O)	20.0	13.7	-31%		
Iron (Fe)%	7.0	4.9	-30%		
Sulfur (S) %	4.0	5.6	41%		
Magnesium (Mg) %	1.5	0.6	100%		
Manganese (Mn)%	0.2	0.9	331%		
Boron (B)%	0.02	0.15	667%		
Zinc (Z)%	0.2	0.5	138%		
Yucca %	2	1.3	-34%		
Soluble Sea Kelp %	4	4.4	10%		
Soluble Humic & Fulvic Acids %	3.5	4.0	13%		
Sugar %	6	7.0	17%		
CFU's Beneficial Bacteria Per Gram	11,013,216	11,453,744	4%		
CFU's Trichoderma Per Gram	NONE	17,180,617	O TRICHODERMA		
<b>Root Dip</b>	<b>PHC</b>	<b>DIEHARD</b>			
ENDO Per Gram	112	113	1%		
ECTO Per Gram	209251	330396	58%		
	<b>Information used is from PHC data available on the internet and at trade shows.</b>				
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	Information offered in Good Faith and believed to be accurate.				
	PHC product names belong to Plant Health Care, Pittsburgh, PA. 15238				
	DIEHARD™ trade name owned by Horticultural Alliance, Inc., Sarasota, FL 34240				

Product Comparisons - Plant Success						
May 21, 2003						
DIEHARD Transplant & DIEHARD Starter Mix						
	Plant					
	Success	DIEHARD		DIEHARD		
	Granular	Transplant	Difference	Starter Mix	Difference	
Price/lb.	\$17.91	\$8.00	-55%	\$22.67	27%	
Endo per gram	20	12	-39%	75	275%	
Endo species	2	7	250%	7	250%	
Ecto per gram	240,000	198,238	-17%	1,020,000	325%	
Ecto species*	5	3	-40%	3	-40%	
Trichoderma per gram	100000	1,320,000	1220%	26,431,000	26331%	
Species of Trichoderma	2	6	200%	6	200%	
Beneficial Bacteria	NONE	881,000	NO BACTERIA	16,320,000	NO BACTERIA	
Soluble Sea Kelp	NONE	11%	NO SEA KELP	4%	NO SEA KELP	
Humic	NONE	22%	NO HUMIC	2%	NO HUMIC	
Soluble Yucca	NONE	4%	NO YUCCA	4%	NO YUCCA	
Horta-Sorb Polymer Gel	NONE	29%	NO GEL			
*Two species listed on packaging of Plant Success are NOTectomycorrhiza species.						
	Plant					
	Success	DIEHARD		DIEHARD		
	Soluble	Injectable	Difference	DRENCH	Difference	
Price/lb.	\$64.97	\$75.00	15%	\$45.00	-31%	
Endo per gram	56	220	293%	110	97%	
Endo species	7	7	NONE	7	NONE	
Ecto per gram	3,300,000	6,057,269	84%	22,026,432	567%	
Trichoderma CFU's per gram	NONE	105,726,872	O TRICHODERM	6,607,930	O TRICHODERMA	
Species of Trichoderma	NONE	6		6		
Beneficial Bacteria CFU's per gram	NONE	70,484,581	NO BACTERIA	4,405,286	NO BACTERIA	
Soluble Yucca	NONE	10%	NO SOL. YUCCA	17%	NO SOL. YUCCA	
*Two ECTO species listed on packaging of Plant Success are NOTectomycorrhiza species.						

<b>Product Comparisons - M-Roots</b>					
<b>March 31, 2004</b>					
<b>TRANSPLANT</b>	<b>M-Roots</b>	<b>DIEHARD Tranplant</b>	<b>Difference</b>	<b>Comment</b>	
<b>INGREDIENTS:</b>					
Price to treat a 2 inch caliper tree	\$3.42	\$4.00	17%		
Rate per 2 inch caliper tree	3 lbs.	1/2 lb.	-83%	With M-Roots 6X	
ENDO per 2 inch caliper tree	3600	2750	-24%	as much is used	
ECTO per 2 inch caliper tree	90000	45000000	49900%		
Gel per 2 inch caliper tree	NONE	65	100%	NO GEL	
Yucca %	NONE	4%	100%	NO BACTERIA	
Sea Kelp Meal %	Not Disclosed	11%		NO TRICHODERMA	
Humates %	Not Disclosed	24%		NO YUCCA	
CFU's Beneficial Bacteria Per Inch Caliper	NONE	100000000	100%		
CFU's Trichoderma Per Inch Caliper	NONE	150000000	100%		
<b>FLOWER BED</b>					
<b>FLOWER BED</b>	<b>M-Roots</b>	<b>DIEHARD Flower Bed</b>	<b>Difference</b>		
<b>INGREDIENTS:</b>					
Rate per 100 sq. feet	5 lbs.	3 lbs	-40%		
ENDO per 100 sq. feet	6000	28216	370%		
ECTO per 100 sq. feet	90000	0	NOT NEEDED*		
Yucca %	NONE	1%	NO YUCCA		
Sea Kelp Meal %	Not Disclosed	33%			
Humates %	Not Disclosed	14%			
CFU's Beneficial Bacteria Per 100 sq. ft.	NONE	277200000	NO BACTERIA		
CFU's Trichoderma Per 100 sq. ft.	NONE	415800000	O TRICHODERMA		
<b>*Flower/Annuals do not associate with ECTO.</b>					
<b>TURF</b>					
<b>TURF</b>	<b>M-Roots</b>	<b>DIEHARD Turf</b>	<b>Difference</b>		
<b>INGREDIENTS:</b>					
Rate per 100 sq. feet in pounds	10	2	-80%		
ENDO per 100 sq. feet	12000	9111	-24%		
ECTO per 100 sq. feet	440000000	0	NOT NEEDED*		
Yucca %	NONE	1%	NO YUCCA		
Sea Kelp Meal %	Not Disclosed	26%			
Humates %	Not Disclosed	22%			
CFU's Beneficial Bacteria Per 100 sq. ft.	NONE	320000000	NO BACTERIA		
CFU's Trichoderma Per 100 sq. ft.	NONE	480000000	O TRICHODERMA		
<b>*Turf does not associate with ECTO.</b>					
<b>STARTER MIX</b>					
<b>STARTER MIX</b>	<b>M-Roots</b>	<b>DIEHARD Starter Mix</b>	<b>Difference</b>		
<b>INGREDIENTS:</b>					
Rate per cu. yd. in lbs	10	2	-80%		
ENDO per per cu. yd	12000	72208	502%		
ECTO per 100 sq. feet	440000000	2000000000	355%		
Yucca %	NONE	4%	NO YUCCA		
Sea Kelp Meal %	Not Disclosed	19%			
Humates %	Not Disclosed	2%			
CFU's Beneficial Bacteria Per per cu. yd	NONE	16000000000	NO BACTERIA		
CFU's Trichoderma Per per cu. yd	NONE	24000000000	O TRICHODERMA		
Information used is from Roots data available on the internet and at trade shows.					
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Roots product names belong to Roots, Inc., Independence, MO 64055					
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<b>Components/Products</b>						
<b>Product Comparisons - Bio/Organics</b>						
<b>September 15, 2003</b>						
	<b>Bio/Organics</b>	<b>DIEHARD</b>	<b>Difference</b>			
	<b>Endomycorrhiza</b>	<b>Endo Starter</b>				
<b>Cost per pound</b>	\$25.00	\$22.83	-9%			
<b>INGREDIENTS:</b>						
<b>Endomycorrhiza per cc</b>	50	75	50%			
<b>Polymer Gel %</b>	None	4%	NO GEL			
<b>Yucca %</b>	Unknown	4%				
<b>Sea Kelp Meal %</b>	Unknown	12%				
<b>Humates %</b>	Unknown	4%				
<b>CFU's Beneficial Bacteria Per cc</b>	None	15680000	NO BACTERIA			
<b>CFU's Trichoderma Per cc</b>	None	23520000	O TRICHODERMA			