

Soil Report

Job Name **High Desert Permaculture**

Date **11/30/2011**

Company **High Desert Permaculture**

Submitted By _____

Sample Location		Hoop	Lower				
Sample ID		House	Garden				
Lab Number		38	39				
Sample Depth in inches		6	6				
Total Exchange Capacity (M. E.)		62.50	25.52				
pH of Soil Sample		8.70	8.70				
Organic Matter, Percent		2.33	5.47				
ANIONS	SULFUR: p.p.m.	14	38				
	Mehlich III Phosphorous: as (P ₂ O ₅) lbs / acre	89	379				
EXCHANGEABLE CATIONS	CALCIUM: lbs / acre	Desired Value Value Found Deficit	16999 23235 -1198	6940 8300 -7			
	MAGNESIUM: lbs / acre	Desired Value Value Found Deficit	1799 601 -1198	734 727 -7			
	POTASSIUM: lbs / acre	Desired Value Value Found Deficit	1949 127 -1822	796 615 -181			
	SODIUM: lbs / acre		26	120			
	BASE SATURATION %	Calcium (60 to 70%)		92.94	81.32		
		Magnesium (10 to 20%)		4.01	11.87		
		Potassium (2 to 5%)		0.26	3.09		
		Sodium (.5 to 3%)		0.09	1.02		
		Other Bases (Variable)		2.70	2.70		
		Exchangable Hydrogen (10 to 15%)		0.00	0.00		
	TRACE ELEMENTS	Boron (p.p.m.)		0.44	1.38		
		Iron (p.p.m.)		5	29		
Manganese (p.p.m.)			7	43			
Copper (p.p.m.)			0.73	1.1			
Zinc (p.p.m.)			0.75	3.93			
Aluminum (p.p.m.)			16	110			
OTHER							