

SOIL AUDIT AND INVENTORY REPORT

Name Brookside Laboratories, Inc. City New Knoxville State OHIndependent Consultant Home Office Date 05/03/2000

Sample Location		Greenhouse	A				
Sample Identification							
Lab No.			0003-2				
Total Exchange Capacity (ME/100 g)			15.10				
pH (H ₂ O 1:1)			6.5				
Organic Matter (humus) %			< 0.10				
Estimated Nitrogen Release		lb/A	4				
ANIONS	SOLUBLE SULFUR		ppm	16			
	PHOSPHORUS	EASILY	lb/A P as P ₂ O ₅	238			
		EXTRACTABLE	ppm of P	52			
		BRAY II	lb/A P as P ₂ O ₅	481			
			ppm of P	105			
	OLSEN	lb/A P as P ₂ O ₅					
		ppm of P					
EXCHANGEABLE CATIONS	CALCIUM:		lb/A	4364			
			ppm	2182			
	MAGNESIUM:		lb/A	468			
			ppm	234			
	POTASSIUM:		lb/A	228			
		ppm	114				
SODIUM:		lb/A	34				
		ppm	17				
BASE SATURATION PERCENT							
Calcium		%	72.25				
Magnesium		%	12.91				
Potassium		%	1.94				
Sodium		%	0.49				
Other Bases		%	4.90				
Hydrogen		%	7.50				
EXTRACTABLE MINORS							
Boron (ppm)			0.56				
Iron (ppm)			190				
Manganese (ppm)			53				
Copper (ppm)			2.20				
Zinc (ppm)			2.10				
Aluminum (ppm)			844				
OTHER TESTS	Soluble Salts (mmhos/cm)			1.00			
	Chlorides (ppm)						
	NO ₃ -N (ppm)			6.2			
	NH ₃ -N (ppm)			2.1			

mmhos/cm x 640 = ppm