

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

70822-9

Name The Meadow Club City South Hampton State NY

Independent Consultant Soil and Water Consulting Date 8/21/2020

Sample Location			TENNIS COURT	NEW SECT	NORTH SE				
Sample Identification				0-6"	0-6"				
Lab Number				0528-1	0529-1				
Total Exchange Capacity (ME/100 g)				12.69	12.35				
pH		Buffer (SMP/Sikora)		7.4	7.2				
		H ₂ O (1:1)		6.6	6.3				
Organic Matter (360°C LOI) %				4.17	5.11				
Estimated Nitrogen Release				lb/A	92	101			
ANIONS	SOLUBLE SULFUR*								
	PHOSPHORUS		ppm	63	70				
		MEHLICH III	lb/A	P as P ₂ O ₅	1269	1411			
				ppm of P	277	308			
		BRAY II	lb/A	P as P ₂ O ₅					
			ppm of P						
	OLSEN	lb/A	P as P ₂ O ₅						
			ppm of P						
EXCHANGEABLE CATIONS	CALCIUM*		lb/A	3360	3034				
			ppm	1680	1517				
	MAGNESIUM*		lb/A	560	510				
			ppm	280	255				
	POTASSIUM*		lb/A	328	426				
			ppm	164	213				
	SODIUM*		lb/A	78	78				
			ppm	39	39				
BASE SATURATION PERCENT									
Calcium %				66.19	61.42				
Magnesium %				18.39	17.21				
Potassium %				3.31	4.42				
Sodium %				1.34	1.37				
Other Bases %				4.80	5.10				
Hydrogen %				6.00	10.50				
EXTRACTABLE MINORS									
Boron* (ppm)				0.78	0.73				
Iron* (ppm)				258	207				
Manganese* (ppm)				90	85				
Copper* (ppm)				5.07	21.69				
Zinc* (ppm)				28.54	6.88				
Aluminum* (ppm)				806	1171				
OTHER TESTS	Soluble Salts (mmhos/cm)								
	Chlorides (ppm)								
	NO ₃ -N (ppm)			28.8	16.8				
	NH ₄ -N (ppm)			8.3	6.6				

* Mehlich III Extractable