

lb/A

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

74738-22

Name Jumping Brook Country Club City Neptune State NJ

Independent Consultant Soil and Water Consulting Date 3/10/2022

Sample Location			ROUGH	BETWEEN	BETWEEN			
Sample Identification				8 & 9	7 & 8			
Lab Number				0460-1	0461-1			
Total Exchange Capacity (ME/100 g)				12.88	13.05			
pH		Buffer (SMP/Sikora)		6.3	6.2			
		H ₂ O (1:1)		4.6	4.7			
Organic Matter (360°C LOI) %				6.56	5.61			
Estimated Nitrogen Release			lb/A	108	103			
ANIONS	SOLUBLE SULFUR*							
	PHOSPHORUS		ppm	11	9			
		MEHLICH III	lb/A P as P ₂ O ₅	334	256			
			ppm of P	73	56			
		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	1530	1574			
			ppm	765	787			
	MAGNESIUM*		lb/A	194	246			
			ppm	97	123			
	POTASSIUM*		lb/A	128	106			
			ppm	64	53			
	SODIUM*		lb/A	92	118			
			ppm	46	59			
BASE SATURATION PERCENT								
Calcium			%	29.70	30.15			
Magnesium			%	6.28	7.85			
Potassium			%	1.27	1.04			
Sodium			%	1.55	1.97			
Other Bases			%	8.20	8.00			
Hydrogen			%	53.00	51.00			
EXTRACTABLE MINORS								
Boron* (ppm)				0.34	0.48			
Iron* (ppm)				436	511			
Manganese* (ppm)				6	5			
Copper* (ppm)				1.59	0.85			
Zinc* (ppm)				5.97	5.21			
Aluminum* (ppm)				566	747			
OTHER TESTS	Soluble Salts (mmhos/cm)							
	Chlorides (ppm)							
	NO ₃ -N (ppm)			< 0.5	0.6			
	NH ₄ -N (ppm)			1.7	1.7			

* Mehlich III Extractable