

BROOKSIDE LABORATORIES, INC.

SOIL AUDIT AND INVENTORY REPORT

SOIL SCIENCE				Report Date 3-2-2021
Sample ID			H6	
Lab Number			0086-1	
Total Exchange Capacity		me/c	40.77	
pH			7.1	6.0 - 7.0
Organic Matter		%	9.52	2.0 +
Estimated Nitrogen Release		lb/A	123	35 +
Soluble Sulfur		ppm	110	15 +
Phosphorus	Melich III	lb/A	3,128	200 - 800
Calcium		lb/A	12,286	1,000 +
Magnesium		lb/A	1,200	150 +
Potsassium		lb/A	2,238	150 +
Sodium		lb/A	148	60 -
BASE SATURATION PERCENT				
	Calcium	%	75.34	60 - 70 %
	Magnesium	%	12.26	12 - 20 %
	Potassium	%	7.32	4 - 8 %
	Sodium	%	0.79	> 4 %
	Other Bases	%	4.30	5%
	Hydrogen	%	0.00	> 30 %
EXTRACTABLE MINORS				
	Boron	ppm	2.31	0.4 - 1.5
	Iron	ppm	193	50 +
	Manganese	ppm	60	8.0 - 35.0
	Copper	ppm	1.35	0.6 - 2.0
	Zinc	ppm	39.29	1.3 - 3.5
	Aluminum	ppm	1,111	0 - 1,000

Lime Calcium & Magnesium Raises low pH	Fertilizer Nitrogen- Phosphorus- Potassium ex. 16-25-12	Gypsum Calcium Does not affect pH
<i>Your soil fertility is only one of the factors determining plant health. Soil moisture, insects, air movement, compaction, irrigation practices and sunlight all affect a plants ability to thrive.</i>		