lb/A

BROOKSIDE LABORATORIES, INC.

58251-46

SOIL AUDIT AND INVENTORY REPORT

Name: Renergy, Inc. City: Delaware State: OH

Independent Consultant: Brookside Consultants of Ohio, Inc. Date: 07/22/2020

Sample Location MOR-01-02	POINT 1	POINT 2	POINT 3		
Sample Identification					
Lab Number	1358-1	1359-1	1360-1		
Total Exchange Capacity (ME/100 g)	10.76	10.22	15.60		
pH (H2O 1:1)	6.1	5.8	7.5		
Organic Matter (360°C LOI) %	3.18	3.19	5.22		
Estimated Nitrogen Release lb/A	82	82	101		
SOLUBLE SULFUR* ppm	6	6	10		
MEHLICH III lb/A P as P_2O_5 ppm of P					
BRAY II lb/A P as P_2O_5 ppm of P					
OLSEN lb/A P as P_2O_5 ppm of P					
CALCIUM* lb/A / ppm	2620 / 1310	2270 / 1135	4850 / 2425		
MAGNESIUM* lb/A / ppm	478 / 239	380 / 190	616 / 308		
POTASSIUM* lb/A / ppm	108 / 54	124 / 62	180 / 90		
SODIUM* lb/A / ppm	32 / 16	28 / 14	30 / 15		
BASE SATURATION PERCENT					
Calcium %	60.87	55.53	77.72		
Magnesium %	18.51	15.49	16.45		
Potassium %	1.29	1.56	1.48		
Sodium %	0.65	0.60	0.42		
Other Bases %	5.20	5.80	3.90		
Hydrogen %	13.50	21.00	0.00		
EXTRACTABLE MINERS					
Boron* (ppm)	0.56	0.59	0.83		
Iron* (ppm)	244	182	284		
Manganese* (ppm)	46	57	104		
Copper* (ppm)	1.49	1.51	3.70		
Zinc* (ppm)	0.77	1.05	2.36		
Aluminum* (ppm)	623	711	528		
Soluble Salts (mmhos/cm)					
Chloride (ppm)					
Bray I P (ppm)	3	2	7		

* Mehlich III Extractable

a - alkaline soil