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 MOQ-03-04	POINT 1	POINT 2	POINT 3	POINT 4
Sample Identification				
Lab Number	1384-1	1385-1	1386-1	1387-1
Total Exchange Capacity (ME/100 g)	11.11	11.57	13.75	19.60
pH (H2O 1:1)	5.7	5.3	5.6	6.3
Organic Matter (360°C LOI) %	3.20	3.13	3.83	4.68
Estimated Nitrogen Release lb/A	82	81	88	97
SOLUBLE SULFUR* ppm	5	6	7	5
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	2334 / 1167	1960 / 980	2814 / 1407	4898 / 2449
MAGNESIUM* lb/A / ppm	412 / 206	360 / 180	446 / 223	962 / 481
POTASSIUM* lb/A / ppm	128 / 64	124 / 62	176 / 88	168 / 84
SODIUM* lb/A / ppm	28 / 14	26 / 13	30 / 15	32 / 16
BASE SATURATION PERCENT				
Calcium %	52.52	42.35	51.16	62.47
Magnesium %	15.45	12.96	13.52	20.45
Potassium %	1.48	1.37	1.64	1.10
Sodium %	0.55	0.49	0.47	0.35
Other Bases %	6.00	6.80	6.20	5.10
Hydrogen %	24.00	36.00	27.00	10.50
EXTRACTABLE MINORS				
Boron* (ppm)	0.35	0.39	0.57	0.78
Iron* (ppm)	171	227	208	179
Manganese* (ppm)	60	69	98	56
Copper* (ppm)	1.19	1.43	1.90	2.79
Zinc* (ppm)	1.21	1.33	2.69	1.89
Aluminum* (ppm)	664	752	728	749
Soluble Salts (mmhos/cm)				
Chloride (ppm)				
Bray I P (ppm)	12	10	31	14

* Mehlich III Extractable