lb/A

BROOKSIDE LABORATORIES, INC.

74155-44

SOIL AUDIT AND INVENTORY REPORT

Name: Dovetail Bio Energy DO NOT City: Delaware State: OH

Independent Consultant: Brookside Consultants of Ohio, Inc. Date: 05/29/2020

Sample Location	FIELD 2	ID #1	ID #2			
Sample Identification						
Lab Number		0864-1	0865-1			
Total Exchange Capacity (ME/100 g)		9.59	11.72			
pH (H_2O 1:1)		7.7	7.1			
Organic Matter (360°C LOI) %		2.84	4.90			
Estimated Nitrogen Release	lb/A	77	99			
SOLUBLE SULFUR*	ppm	7	6			
MEHLICH III	lb/A P as P_2O_5	179	211			
	ppm of P	39	46			
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	2376	3018			
	ppm	1188	1509			
MAGNESIUM*	lb/A	718	808			
	ppm	359	404			
POTASSIUM*	lb/A	196	202			
	ppm	98	101			
SODIUM*	lb/A	22	22			
	ppm	11	11			
BASE SATURATION PERCENT						
Calcium	%	61.94	64.38			
Magnesium	%	31.20	28.73			
Potassium	%	2.62	2.21			
Sodium	%	0.50	0.41			
Other Bases	%	3.70	4.30			
Hydrogen	%	0.00	0.00			
EXTRACTABLE MINORS						
Boron* (ppm)		0.79	0.64			
Iron* (ppm)		141	150			
Manganese* (ppm)		62	68			
Copper* (ppm)		2.06	1.79			
Zinc* (ppm)		2.66	3.32			
Aluminum* (ppm)		402	429			
Soluble Salts (mmhos/cm)						
Chlorides (ppm)						
Bray I P (ppm)		27	41			

a - alkaline soil

* Mehlich III Extractable