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 1	ID #1				
Sample Identification						
Lab Number		0863-1				
Total Exchange Capacity (ME/100 g)		11.23				
pH (H_2O 1:1)		7.4				
Organic Matter (360°C LOI) %		7.65				
Estimated Nitrogen Release	lb/A	113				
SOLUBLE SULFUR*	ppm	14				
MEHLICH III	lb/A P as P_2O_5	73				
	ppm of P	16				
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	2742				
	ppm	1371				
MAGNESIUM*	lb/A	892				
	ppm	446				
POTASSIUM*	lb/A	124				
	ppm	62				
SODIUM*	lb/A	24				
	ppm	12				
BASE SATURATION PERCENT						
Calcium	%	61.04				
Magnesium	%	33.10				
Potassium	%	1.42				
Sodium	%	0.46				
Other Bases	%	4.00				
Hydrogen	%	0.00				
EXTRACTABLE MINORS						
Boron* (ppm)		0.70				
Iron* (ppm)		143				
Manganese* (ppm)		94				
Copper* (ppm)		1.72				
Zinc* (ppm)		2.57				
Aluminum* (ppm)		517				
Soluble Salts (mmhos/cm)						
Chlorides (ppm)						
Bray I P (ppm)		6				

a - alkaline soil

* Mehlich III Extractable