

SOIL ANALYSIS

Client :	Grower : Gail Hicks	Report No: 18-096-0613
		Cust No: 99999
		Date Printed: 04/07/2018
		Date Received : 04/06/2018
		PO:
		Page : 1 of 1

Lab Number : 20471

Field Id :

Sample Id : Hay Field

Test	Method	Results	SOIL TEST RATINGS					Calculated Cation Exchange Capacity
			Very Low	Low	Medium	Optimum	Very High	
Soil pH	S1:1	7.0						10.8 meq/100g
Buffer pH	WBF	6.92						
Phosphorus (P)	M3	28 LB/ACRE						%Saturation K 1.5 0.2 Ca 74.0 8.0 Mg 23.3 2.5 H 0.9 0.1 Na 0.6 0.1 K/Mg Ratio: 0.06 Ca/Mg Ratio: 3.18
Potassium (K)	M3	124 LB/ACRE						
Calcium (Ca)	M3	3198 LB/ACRE						
Magnesium (Mg)	M3	604 LB/ACRE						
Sulfur (S)	M3	20 LB/ACRE						
Boron (B)	M3	1.2 LB/ACRE						
Copper (Cu)	M3	1.6 LB/ACRE						
Iron (Fe)	M3	200 LB/ACRE						
Manganese (Mn)	M3	340 LB/ACRE						
Zinc (Zn)	M3	3.8 LB/ACRE						
Sodium (Na)	M3	30 LB/ACRE						
Soluble Salts								
Organic Matter	LOI	3.8% ENR 120						
Nitrate Nitrogen								

SOIL FERTILITY GUIDELINES Prev Crop : Cool Season Grass Hay

Crop : Cool Season Grass Hay			Yield Goal : 5 tons/acre			Rec Units: LB/ACRE						
(lbs)	LIME	(tons)	N	P ₂ O ₅	K ₂ O	Mg	S	B	Cu	Mn	Zn	Fe
0*			200	84	179	0	11	0	1.0	0	0	
Crop :												Rec Units:

Comments :

* Denotes ENM requirement.

Cool Season Grass Hay

- On light soils with high grass hay yields, soil test annually to maintain soil pH and nutrient level.
- For grass hay or pasture needing high rates split the P and K application. Apply 1/2 in the spring and 1/2 in late summer.
- For cool season grass topdress with nitrogen:
 - Early Spring 60 to 100 lbs N/Acre.
 - Mid Spring 0 to 50 lbs N/Acre.
 - Late Summer - Early Fall 60 to 80 lbs N/Acre.