

HOLMES LABORATORY INC.
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SOIL
 ANALYSIS REPORT
 [A Vital Key to Today's Agriculture]
 (330) 893-2933 * www.holmeslab.com
 Test Performed : A

Customer : Andy Groeschl

Date Reported : 04/27/2017

Groeschl Ag Service-A.Groeschl
 10271 N. County Rd. K
 Hayward, WI 54843

Lab Number : 17-3998
 Sample ID: SOIL
 Tremblay South

Item	Units	Test Results	Comments
pH		6.8	
Lime Test Index		70	
Organic Matter	%	3.0	
Phosphorus	(P1) lb/a	51	
Potassium	(K) lb/a	92	
Magnesium	(Mg) lb/a	434	
Calcium	(Ca) lb/a	1714	
Sodium	(Na) lb/a	5	
Soluble Salts	(EC) mmho/cm		
Cation Exchange			
Capacity (CEC)	meq/100g	6.2	
Base Saturation	%	100	
Potassium	(K) %	1.9	
Magnesium	(Mg) %	29.1	
Calcium	(Ca) %	68.9	
Sodium	(Na) %	.2	
Hydrogen	(H) %	.0	
Sulfur	(SO4) lb/a		
Zinc	(Zn) lb/a		
Manganese	(Mn) lb/a		
Iron	(Fe) lb/a		
Copper	(Cu) lb/a		
Boron	(B) lb/a		
Ca to Mg Ratio		2.4	
Mg to K Ratio		15.3	
Nitrate-Nitrogen (NO3-N)	lb/a		

*** Retest every year at the same time and depth ***

Lime and Fertilizer Recommendations

Gypsum Needed = .1 tons/acre
 For Crop: Hay
 Yield Goal: 3 tons/ac
 Actual Units Of Fertilizer Needed For This Crop Growing Year

Gypsum addition will increase your soil Calcium Base Saturation. Gypsum (24% Ca & 18% S), will not increase the pH.

Nitrogen (N)	25	lbs/acre
Phosphate(P2O5)	51	lbs/acre
Potash (K2O)	139	lbs/acre
Magnesium (Mg)	0	lbs/acre

Note : See your local Ag Supplier for assistance with what type of fertilizer to use.

Apply 1/2 of fertilizer after 1st cutting and the other 1/2 after the 2nd cutting.