

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

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

Date Reported : 04/27/2017
Lab Number : 17-3996
Sample ID: SOIL
Tremblay East

Item	Units	Test Results	Comments
pH		6.9	
Lime Test Index		70	
Organic Matter	%	2.7	
Phosphorus (P1)	lb/a	51	
Potassium (K)	lb/a	133	
Magnesium (Mg)	lb/a	388	
Calcium (Ca)	lb/a	1703	
Sodium (Na)	lb/a	5	
Soluble Salts (EC)	mmho/cm		
Cation Exchange Capacity (CEC)	meq/100g	6.1	
Base Saturation	%	100	
Potassium (K)	%	2.8	
Magnesium (Mg)	%	26.7	
Calcium (Ca)	%	70.4	
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		2.6	
Mg to K Ratio		9.5	
Nitrate-Nitrogen (NO3-N)	lb/a		

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

Lime and Fertilizer Recommendations

Gypsum Needed = .1 tons/acre Gypsum addition will increase your soil Ca and decrease the soil Mg Base Saturations.
For Crop: Hay This will not increase the pH.
Yield Goal: 3 tons/ac
Actual Units Of Fertilizer Needed For This Crop Growing Year

Nitrogen (N) 33 lbs/acre
Phosphate(P2O5) 51 lbs/acre
Potash (K2O) 125 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.