

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 : 17-3997  
Sample ID: SOIL  
Tremblay West

Item	Units	Test Results	Comments
pH		6.7	
Lime Test Index		70	
Organic Matter	%	3.0	
Phosphorus	(P1) lb/a	56	
Potassium	(K) lb/a	199	
Magnesium	(Mg) lb/a	357	
Calcium	(Ca) lb/a	1974	
Sodium	(Na) lb/a	20	
Soluble Salts	(EC) mmho/cm		
Cation Exchange			
Capacity (CEC)	meq/100g	6.7	
Base Saturation	%	100	
Potassium	(K) %	3.8	
Magnesium	(Mg) %	22.1	
Calcium	(Ca) %	73.4	
Sodium	(Na) %	.6	
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		3.3	
Mg to K Ratio		5.8	
Nitrate-Nitrogen (NO3-N)	lb/a		

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

#### Lime and Fertilizer Recommendations

Lime Needed = 0 tons/acre

For Crop: Hay  
Yield Goal: 3 tons/ac  
Actual Units Of Fertilizer Needed For This Crop Growing Year

Nitrogen (N)	25	lbs/acre
Phosphate(P2O5)	46	lbs/acre
Potash (K2O)	87	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.