

HOLMES LABORATORY INC.
 3559 US 62
 Millersburg, OH 44654

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

Customer : Groeschl Ag

Groeschl Ag Service-A.Groeschl
 13920 W State Rd.77
 Hayward, WI 54843

Date Reported : 10/26/2015
 Lab Number : 15-2633
 Sample ID: SOIL
 Tremblay West

Item	Units	Test Results	Comments
pH		6.3	
Lime Test Index		68	
Organic Matter	%	2.9	
Phosphorus (P1)	lb/a	64	
Potassium (K)	lb/a	92	Use High Calcium Lime that
Magnesium (Mg)	lb/a	347	contains about 38% Calcium
Calcium (Ca)	lb/a	1739	and 1% Magnesium. Apply the
Sodium (Na)	lb/a	15	required amount once, anytime.
Soluble Salts (EC)	mmho/cm		
Cation Exchange Capacity (CEC)	meq/100g	8.3	
Base Saturation	%	71	
Potassium (K)	%	1.4	
Magnesium (Mg)	%	17.3	
Calcium (Ca)	%	52.1	
Sodium (Na)	%	.4	
Hydrogen (H)	%	28.8	
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		3.0	
Mg to K Ratio		12.3	
Nitrate-Nitrogen (NO3-N)	lb/a		

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

Lime and Fertilizer Recommendations

Lime Needed = 1 tons/acre
 For Crop: Hay
 Yield Goal: 4 tons/ac
 Actual Units Of Fertilizer Needed For This Crop Growing Year

Lime requirements are to bring your soil pH to the ideal level. (See Comments Above for what type of lime to apply)

Nitrogen (N) 63 lbs/acre
 Phosphate(P2O5) 52 lbs/acre
 Potash (K2O) 150 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.