

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 : D

Customer : Groeschl Ag

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

Date Reported : 10/26/2015
Lab Number : 15-2636
Sample ID: SOIL
Tremblay South

Item	Units	Test Results	Comments
pH		6.1	
Lime Test Index		68	
Organic Matter	%	2.9	
Phosphorus (P1)	lb/a	50	
Potassium (K)	lb/a	10	Use High Calcium Lime that
Magnesium (Mg)	lb/a	270	contains about 38% Calcium
Calcium (Ca)	lb/a	1301	and 1% Magnesium. Apply the
Sodium (Na)	lb/a	41	required amount once, anytime.
Soluble Salts (EC)	mmho/cm	.04	
Cation Exchange Capacity (CEC)	meq/100g	6.9	
Base Saturation	%	65	
Potassium (K)	%	.2	
Magnesium (Mg)	%	16.4	
Calcium (Ca)	%	47.3	
Sodium (Na)	%	1.3	
Hydrogen (H)	%	34.9	
Sulfur (SO4)	lb/a	29	
Zinc (Zn)	lb/a	4.0	
Manganese (Mn)	lb/a	76	
Iron (Fe)	lb/a	316	
Copper (Cu)	lb/a	2.0	
Boron (B)	lb/a	.5	
Ca to Mg Ratio		2.9	
Mg to K Ratio		87.8	
Nitrate-Nitrogen (NO3-N)	lb/a	101.0	

*** 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)	66	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.