

HOLMES LABORATORY INC.
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SOIL
ANALYSIS REPORT
[Quality Testing Since 1978]
(330) 893-2933 * www.holmeslab.com
Test Performed : A

Customer : Groeschl Ag

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

Date Reported : 05/02/2019
Lab Number : 19-2740
Sample ID: SOIL
Tremblay Middle

Item	Units	Test Results	Comments
pH		6.1	
Lime Test Index		67	
Organic Matter	%	2.8	
Phosphorus (P1)	lb/a	50	
Potassium (K)	lb/a	97	Use High Calcium Lime that
Magnesium (Mg)	lb/a	337	contains about 38% Calcium
Calcium (Ca)	lb/a	1576	and 1% Magnesium. Apply the
Sodium (Na)	lb/a	286	required amount once, anytime.
Soluble Salts (EC)	mmho/cm		
Cation Exchange Capacity (CEC)	meq/100g	9.7	
Base Saturation	%	63	
Potassium (K)	%	1.3	
Magnesium (Mg)	%	14.5	
Calcium (Ca)	%	40.7	
Sodium (Na)	%	6.3	
Hydrogen (H)	%	37.2	
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		2.8	
Mg to K Ratio		11.3	
Nitrate-Nitrogen (NO3-N)	lb/a		

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

Lime and Fertilizer Recommendations

Lime Needed = 1.6 tons/acre
For Crop: Orchard Grass
Yield Goal: 3 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) 30 lbs/acre
Phosphate(P2O5) 52 lbs/acre
Potash (K2O) 132 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.