

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

Date Reported : 05/02/2019

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

Lab Number : 19-2742
 Sample ID: SOIL
 Tremblay South

Item	Units	Test Results	Comments
pH		6.0	
Lime Test Index		66	
Organic Matter	%	3.2	
Phosphorus	(P1) lb/a	55	
Potassium	(K) lb/a	97	Use High Calcium Lime that
Magnesium	(Mg) lb/a	337	contains about 38% Calcium
Calcium	(Ca) lb/a	1397	and 1% Magnesium. Apply the
Sodium	(Na) lb/a	235	required amount once, anytime.
Soluble Salts	(EC) mmho/cm		
Cation Exchange			
Capacity (CEC)	meq/100g	10.3	
Base Saturation	%	53	
Potassium	(K) %	1.2	
Magnesium	(Mg) %	13.6	
Calcium	(Ca) %	33.8	
Sodium	(Na) %	4.8	
Hydrogen	(H) %	46.5	
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		2.5	
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 = 2 tons/acre
 Lime requirements are to bring your soil pH to the ideal level. (See Comments Above for what type of lime to apply)

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

Nitrogen (N)	20	lbs/acre
Phosphate(P2O5)	47	lbs/acre
Potash (K2O)	135	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.