

HOLMES LABORATORY INC.
3559 US 62
Millersburg, OH 44654
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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 : 04/17/2020
Lab Number : 20-3478
Sample ID: SOIL
Andy Shed

Item	Units	Test Results	Comments
pH		6.1	
Lime Test Index		69	
Organic Matter	%	2.6	
Phosphorus (P1)	lb/a	37	
Potassium (K)	lb/a	77	
Magnesium (Mg)	lb/a	204	
Calcium (Ca)	lb/a	1744	
Sodium (Na)	lb/a	128	
Soluble Salts (EC)	mmho/cm		
Cation Exchange Capacity (CEC)	meq/100g	6.8	
Base Saturation	%	82	
Potassium (K)	%	1.5	
Magnesium (Mg)	%	12.5	
Calcium (Ca)	%	64.2	
Sodium (Na)	%	4.0	
Hydrogen (H)	%	17.7	
Sulfur (S04)	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		5.1	
Mg to K Ratio		8.6	
Nitrate-Nitrogen (N03-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)	35	lbs/acre
Phosphate(P205)	65	lbs/acre
Potash (K20)	142	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.