

HOLMES LABORATORY INC.
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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 : 15-2631
Sample ID: SOIL
Andy Small

Item	Units	Test Results	Comments
pH		6.7	
Lime Test Index		70	
Organic Matter	%	3.0	
Phosphorus	(P1) lb/a	52	
Potassium	(K) lb/a	153	
Magnesium	(Mg) lb/a	296	
Calcium	(Ca) lb/a	3764	
Sodium	(Na) lb/a	10	
Soluble Salts	(EC) mmho/cm		
Cation Exchange Capacity (CEC)	meq/100g	10.9	
Base Saturation	%	100	
Potassium	(K) %	1.8	
Magnesium	(Mg) %	11.4	
Calcium	(Ca) %	86.6	
Sodium	(Na) %	.2	
Hydrogen	(H) %	.0	
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		7.6	
Mg to K Ratio		6.3	
Nitrate-Nitrogen (NO3-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: 4 tons/ac

Actual Units Of Fertilizer Needed For This Crop Growing Year

Nitrogen (N)	40	lbs/acre
Phosphate(P2O5)	64	lbs/acre
Potash (K2O)	94	lbs/acre
Magnesium (Mg)	18	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.