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SOIL
ANALYSIS REPORT
[A Vital Key to Today's Agriculture]
(330) 893-2933 * www.holmeslab.com
Test Performed : A

Customer : Andy Groeschl

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

Date Reported : 04/27/2017
Lab Number : 17-3995
Sample ID: SOIL
Andy Alfalfa

Item	Units	Test Results	Comments
pH		7.4	
Lime Test Index		70	
Organic Matter	%	4.2	
Phosphorus	(P1) lb/a	110	
Potassium	(K) lb/a	362	
Magnesium	(Mg) lb/a	194	
Calcium	(Ca) lb/a	4463	
Sodium	(Na) lb/a	5	
Soluble Salts	(EC) mmho/cm		
Cation Exchange Capacity (CEC)	meq/100g	12.4	
Base Saturation	%	100	
Potassium	(K) %	3.7	
Magnesium	(Mg) %	6.5	
Calcium	(Ca) %	89.7	
Sodium	(Na) %	.1	
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		13.8	
Mg to K Ratio		1.7	
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: Alfalfa

Yield Goal: 3 Tons/acre

Actual Units Of Fertilizer Needed For This Crop Growing Year

Nitrogen (N)	0	lbs/acre
Phosphate(P2O5)	23	lbs/acre
Potash (K2O)	0	lbs/acre
Magnesium (Mg)	163	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.