



**ROCK RIVER
LABORATORY, INC.**
AGRICULTURAL ANALYSIS

Soil Test Report - Field: House Mixed Grass Acres: 14.5

Account: 7060
Groeschl Ag Service, LLC
10271 N County Road K
Hayward, WI 54843

Report For:
Groeschl Ag
Andy's
10271 N County Road K
Hayward, WI 54843
ASCS No 0

Lab #304498

County Sawyer

Received 11/4/2025

Field House Mixed Grass

Acres 14.5

Plow Depth 8.0

Soil Name

**Previous
Crop**

**Nutrient Recommendations
(lbs/acre)**

	Cropping Sequence	Yield Goal (per acre)	Crop Nutrient Need			Legume N Credit	Apply		
			N	P2O5	K2O		N	P2O5	K2O
	Corn, grain	170	125	0	75	0	125	0	75
	Soybean, grain	60	0	0	115	0	0	0	115
	Alfalfa, seeding	3.5	0	0	220	0	0	0	220
	Alfalfa, established	6	0	0	400	0	0	0	400

The lime required for this rotation to reach pH 6.8 is 2 T/a of 60-69 lime or 1.5 T/a of 80-89 lime.

Laboratory Analysis for Field House Mixed Grass, Lab No 304498

Sample Num	Soil pH	Om %	P ppm	K ppm	60-69 Lime Req(T/a)	Ca ppm	Mg ppm	Est Cec	B ppm	Mn ppm	Zn ppm	Sulfate-S ppm	Sample Density	Buffer Code
House Mix	6.4	3.0	52	99	2.0	1006	263	8					1.16	7.1

Base Saturation

Est CEC	Ca %	Mg %	K %
8	67.6	29.0	3.4

Test Interpretation for Field House Mixed Grass, Lab No 304498

Crop Name	Very Low	Low	Optimum	High	Very High	Excessive	Very Low	Low	Optimum	High	Very High	Excessive
Alfalfa, seeding	P						K					

Additional Information, Secondary & Micronutrient Recommendations

All: If a legume crop precedes the first crop listed on the sample submission form, N credits should be subtracted from the N recommendation for the first crop listed. See Chapter 9 in UWEX Publication A2809 for more details.

All: If manure, biosolids, septic or other waste materials have been applied to this field, be sure to take nutrient credits and adjust fertilizer rate. See Chapter 9 in UWEX Publication A2809 for more details.

All: No crops were provided, a default rotation with nutrient application rate guidelines is provided.

All: No soil information was provided. Generic nutrient application rate guidelines are given on this report. They should not be used for nutrient management planning purposes. In the future, please submit samples with county and soil map unit or soil series name to obtain the nutrient application guidelines that are more appropriate for your soil.

All: Recommended rates are the total amount of nutrients to apply (N-P-K), including starter fertilizer.

All: If lime has been applied in the last two years, more lime may not be needed due to incomplete reaction.

Corn: Nitrogen application rates for grain and silage corn reflect the maximum return to N (MRTN) at a 0.10 N:corn price ratio (eg. \$0.30/lb N and \$3.00/bu; or \$0.40/lb N and \$4.00/bu) and the range of rates that produce profitability within \$1/a of the MRTN rate. N application rates can be adjusted to reflect different prices for N and grain. See Chapter 6 in UWEX Publication A2809 for more details.

Corn: Starter fertilizer may accelerate early season corn development, which may not always translate into increased yield. Corn will benefit more from a complete starter fertilizer (e.g. 10+20+20 lbs N+P2O5+K2O/a) when grown on soils testing optimum or less in P and K.

Alfalfa: If alfalfa will be maintained for more than three years, increase recommended K2O by 20% each year.

Corn, grain: If corn is harvested for silage instead of grain apply extra 90 lbs K2O per acre to next crop.

All: Ca test average value of 1006.221 is in High category.

All: Mg test average value of 263.345 is in Optimum category.