



UNDERSTANDING YOUR FARMLAND'S VALUE BY UNDERSTANDING YOUR SOIL

Melissa Schlupp, Conservation
Manager

Sauk County Land Resources
and Environment Department

1

Farmland Value is Based on Soil Value

Soil Type	Soil Productivity	Soil Limitations
<ul style="list-style-type: none">• Sand• Silt• Loam	<ul style="list-style-type: none">• High/ Low Yield Potential	<ul style="list-style-type: none">• Drained• Irrigated• Highly Erodible

2

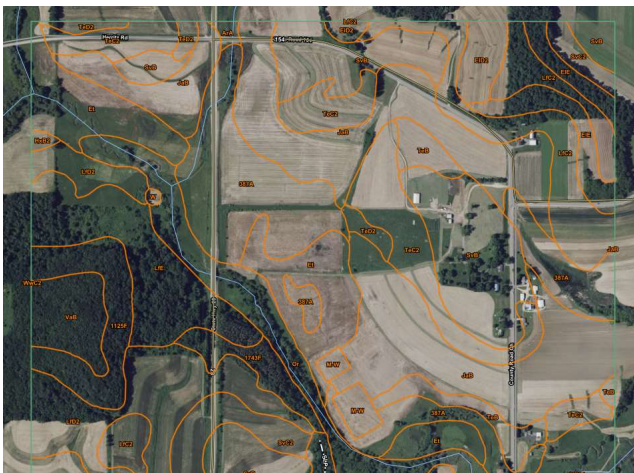
Tools to determine my soil's value

Web Soil Survey

Soil Sampling & Analysis



3



<https://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>

Web Soil Survey

Create a soil map of your farm

Identify soil types

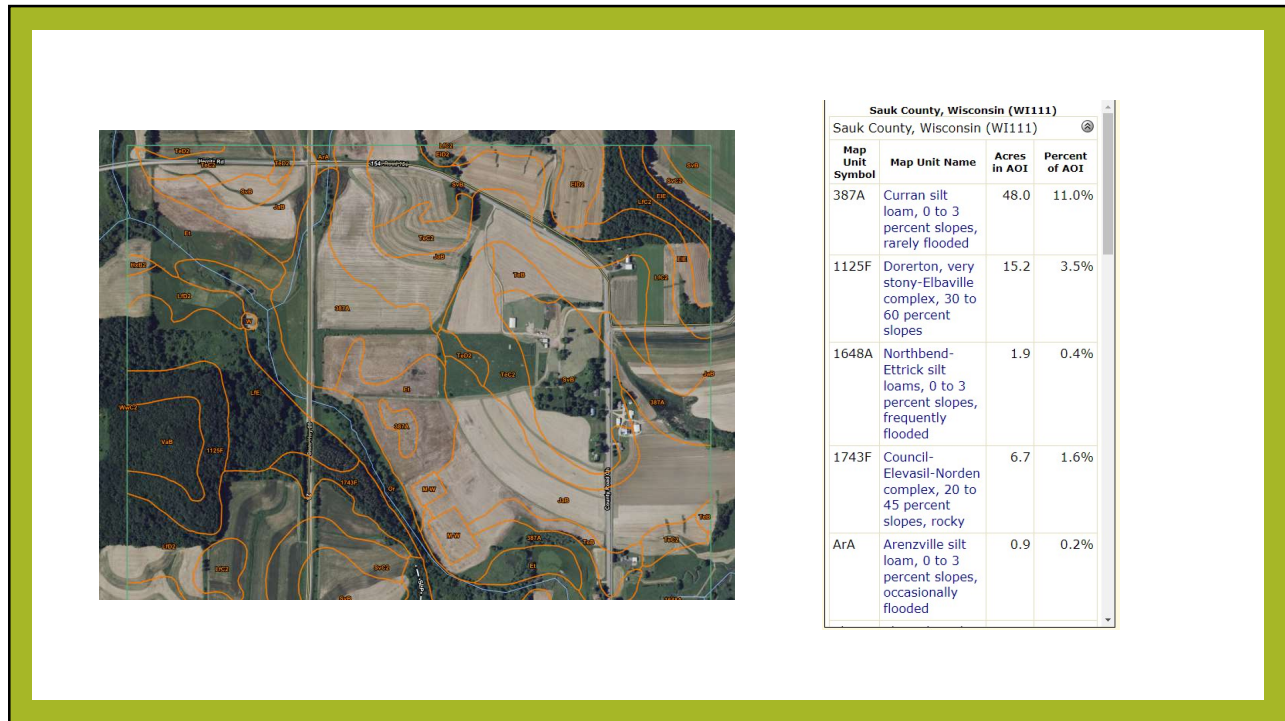
Determine erodibility

Learn about cropland productivity

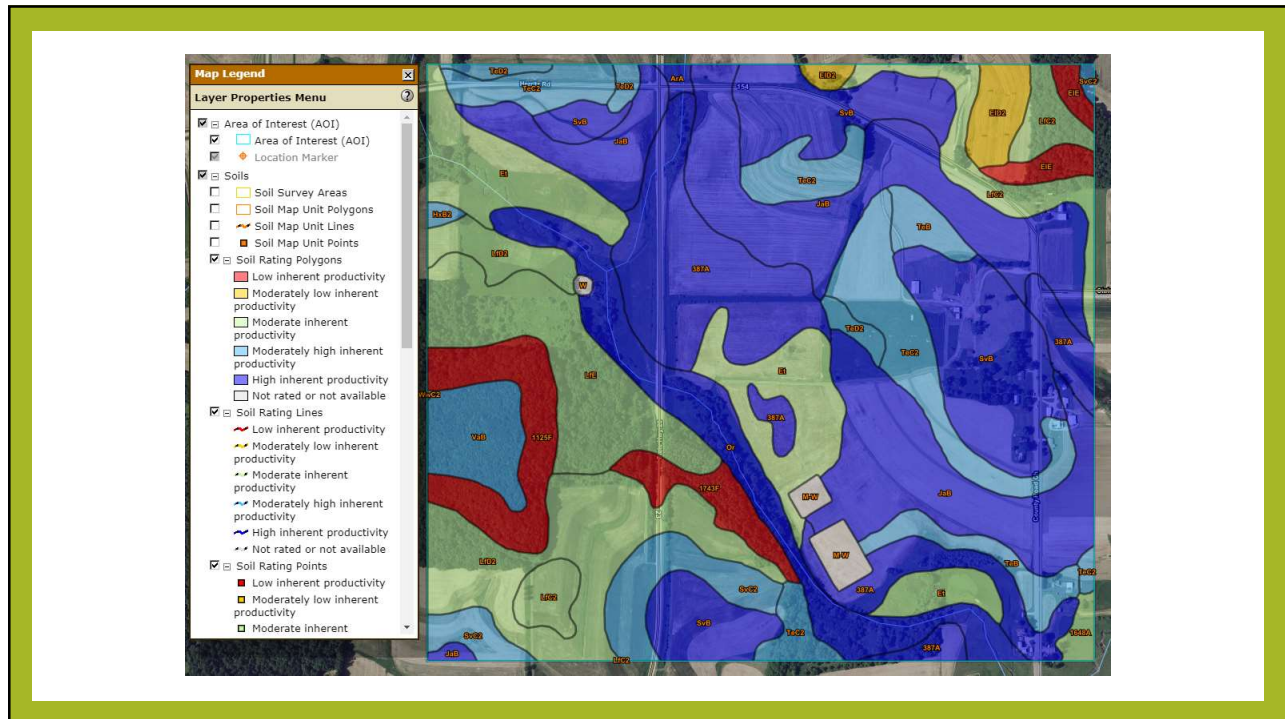
Understand farmland classification

Explore drainage classifications

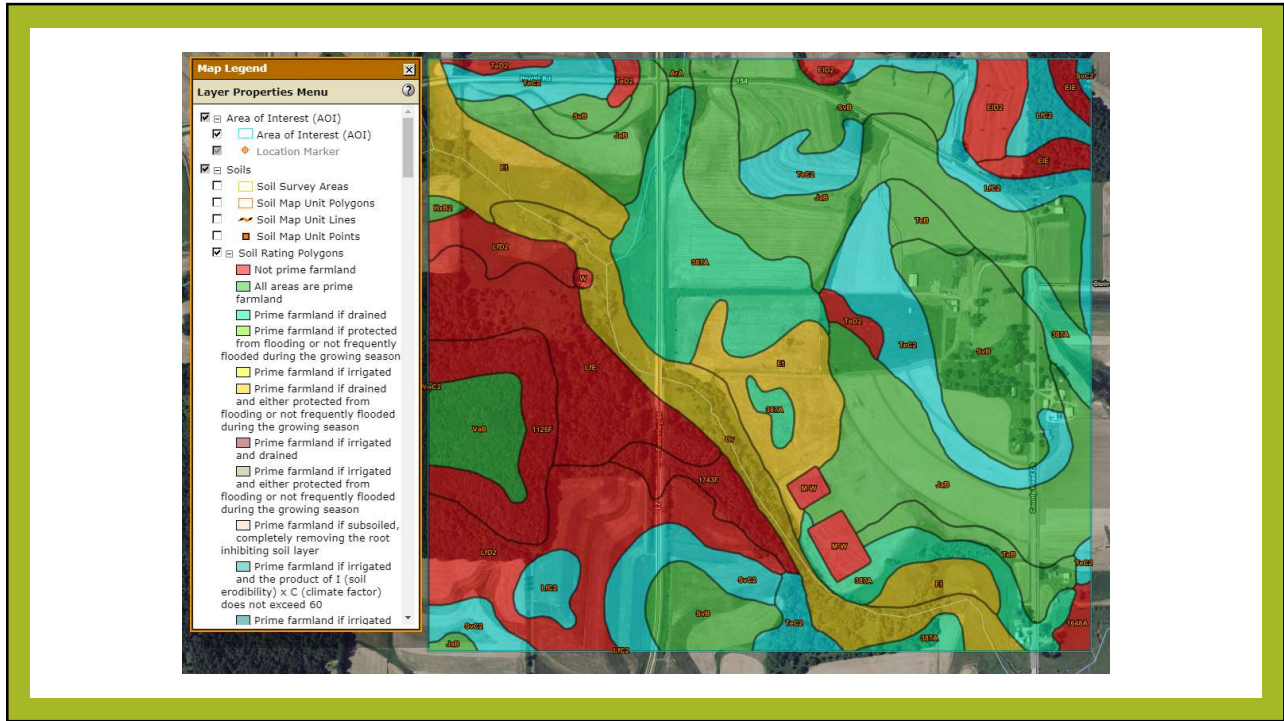
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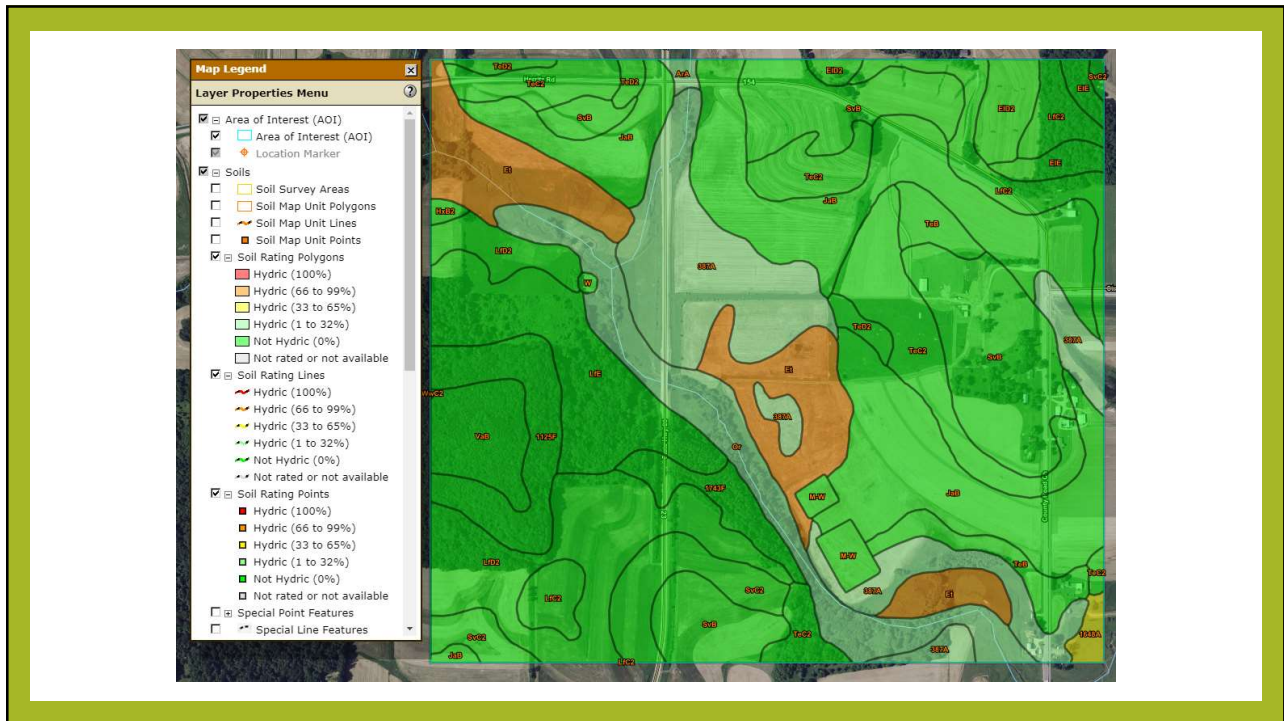
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6



7




8



Soil Sampling & Analysis

- Completed every 4 years
- 1 sample per 5 acres
- Costs \$8-15/sample
- 6 Wisconsin certified labs

9



Rock River Laboratory, Inc.
AGRICULTURAL ANALYSIS

Account: 294
Precision Crop Consulting, LLC
98972 Valley View Road
Loganville, WI 53943

Report For:
Sauk County Farm
505 Broadway
Baraboo, WI 53913

Soil Test Report - Field: 1HCC Acres: 12.0

Lab #243704
County SAUK
Received 11/29/2020
Slope 0%
Field 1HCC
Acres 12.0
Flow Depth 7.0

Cropping Sequence	Yield Goal (P205 lbs/acre)	Crop Nutrient Need (lbs/acre)			Fertilizer Credit (lbs/acre)			Nutrients to Apply (lbs/acre)		
		N	P205	K2O	N	P205	K2O	N	P205	K2O
Com. grain	191-210 bu	75	105	0	0	0	0	75	105	0
Soybean, grain	55-65 bu	0	50	130	0	0	0	0	50	130
Wheat, grain + straw	81-100 bu	0	55	145	0	0	0	0	55	145
Rye, grain + straw	31-50 bu	40	20	90	0	0	0	40	20	90

*For information on the new N application rate guidelines for corn see <http://wlab.soils.wisc.edu/pubs/MRTN>
There is no lime recommendation. Please see additional information below.

Sample Num	Soil pH	Om %	P ppm	K ppm	Ca ppm	Mg ppm	Est Ccc	B ppm	Mn ppm	Zn ppm	Texture	Sample Density	Buffer Code
1	5.4	2.5	22	83	9.0	1035	253	8			2	1.11	6.1
2	6.3	2.6	27	106		1207	358	10			2	1.06	6.6
3	6.2	3.1	47	170		1168	253	10			2	1.01	7.0
Adj Avg	6.0	2.7	25	85		1143	289						

Additional Information, Secondary & Micronutrient Recommendations

Year 1: If corn is harvested for silage instead of grain add extra 30 lbs P205 per acre and 90 lbs K2O per acre to next crop. Starter fertilizer (e.g. 10+20+20 lbs N+P205+K2O/a) is advisable for row crops on soils slow to warm in the spring. Parts of this field may benefit from liming. Please see the unadjusted lime requirements in the Laboratory Analysis section below. Recommended rates are the total amount of nutrients to apply (N-P-K), including starter fertilizer.

Ca-H Mg-Opt
%Base Saturation: Ca 68.8% Mg 28.5% K 2.6%
Response to added Ca is unlikely.
Soil Mg is optimum. Maintain level with dolomitic lime.

Crop Name	Test Interpretation for Field 1HCC, Lab No 243704											
	Very Low	Low	Optimum	High	Very High	Excessive	Very Low	Low	Optimum	High	Very High	Excessive
Wheat, grain + straw												
Rotation pH												

Soil Sampling & Analysis

- Macro Nutrients - NPK
- pH & Organic Matter
- Optional: Micro Nutrients
- Fertilizer Recommendations
- Soil Test Interpretation/Fertility

10

Local Resources

- UW-Madison Division of Extension
- Land Conservation Departments (County)
- Natural Resources Conservation Service (Federal)
- Farm Service Agency (Federal)



11

THANK YOU!

QUESTIONS?

12