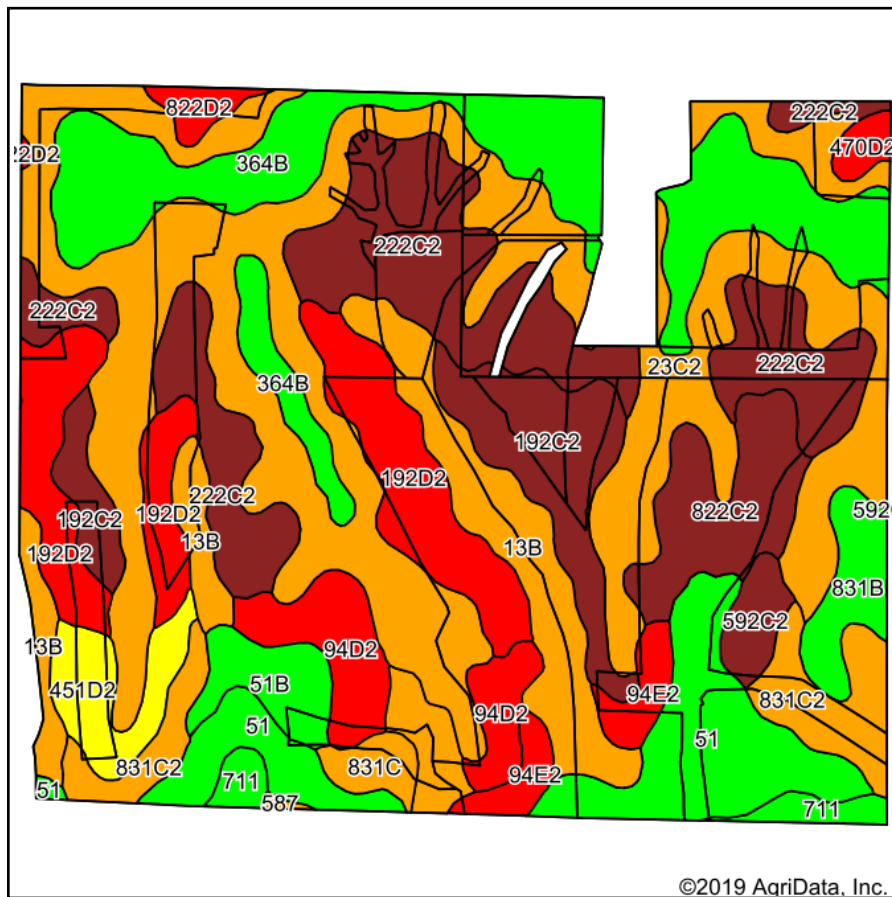
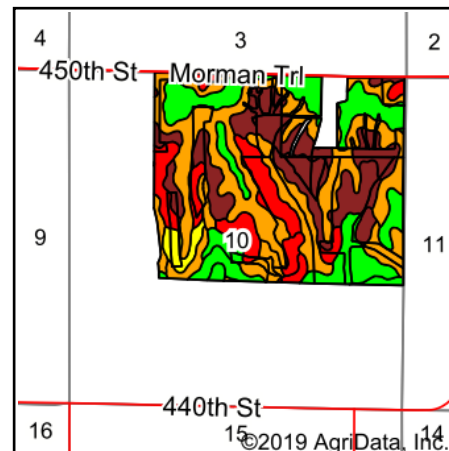


Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**
 County: **Lucas**
 Location: **10-71N-23W**
 Township: **Union**
 Acres: **284.45**
 Date: **2/26/2020**



Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Area Symbol: IA117. Soil Area Version: 28

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Bromegrass alfalfa	Bromegrass alfalfa hay	Cor n	Kentucky bluegrass	Oats	Smooth bromegrass	Soybeans
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	73.17	25.7%		IIIe	62	50							
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	37.14	13.1%		IVw	28	25							
364B	Grundy silty clay loam, 2 to 5 percent slopes	33.52	11.8%		Ile	72	75							
192D2	Adair clay loam, heavy till, 9 to 14 percent slopes, moderately eroded	22.00	7.7%		IVe	9	15							
51	Vesser silt loam, 0 to 2 percent slopes, occasionally flooded	20.14	7.1%		IIw	75	71							
13B	Zook-Olmits-Vesser complex, 0 to 5 percent slopes	18.76	6.6%		IIw	68	53							
192C2	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	14.99	5.3%		IIIe	29	30							

831C2	Pershing silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	12.96	4.6%		IIIe	64	45										
822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	10.34	3.6%		IIIe	36	30										
94D2	Mystic-Caleb complex, 9 to 14 percent slopes, moderately eroded	9.59	3.4%		IVe	20	16										
451D2	Caleb loam, 9 to 14 percent slopes, moderately eroded	6.10	2.1%		IVe	41	33										
831B	Pershing silt loam, terrace, 2 to 5 percent slopes	4.99	1.8%		IIIe	71	67										
51B	Vesser silt loam, 2 to 5 percent slopes, rarely flooded	4.79	1.7%		IIw	75	66										
94E2	Mystic-caleb complex, 14 to 18 percent slopes, moderately eroded	4.50	1.6%		Vle	17	12										
711	Lawson-Nodaway-Colo complex, 0 to 2 percent slopes, occasionally flooded	2.98	1.0%		IIw	83		10.7	6.2	215	3.6	73	6.1	62			
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	2.81	1.0%		IIIe	31	20										
831C	Pershing silt loam, terrace, 5 to 9 percent slopes	2.32	0.8%		IIIe	67	49										
822D2	Lamoni silty clay loam, 9 to 14 percent slopes, moderately eroded	1.78	0.6%		IVe	10	15										
470D2	Lamoni-Shelby complex, 9 to 14 percent slopes, moderately eroded	1.37	0.5%		IVe	20	25										
587	Chequest silty clay loam, 0 to 2 percent slopes, occasionally flooded	0.20	0.1%		IIw	62	67										
Weighted Average						50.6	*-	0.1	0.1	2.3	*-	0.8	0.1	0.6			

**IA has updated the CSR values for each county to CSR2.

*- CSR weighted average cannot be calculated on the current soils data, use prior data version for csr values.

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.