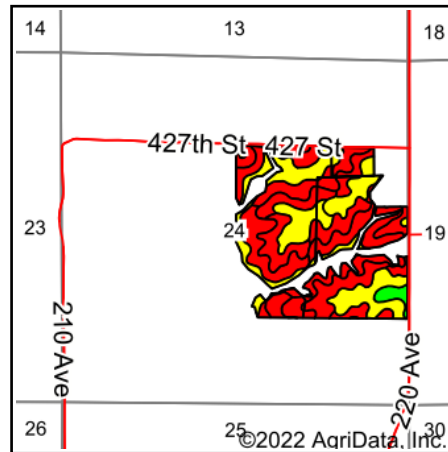
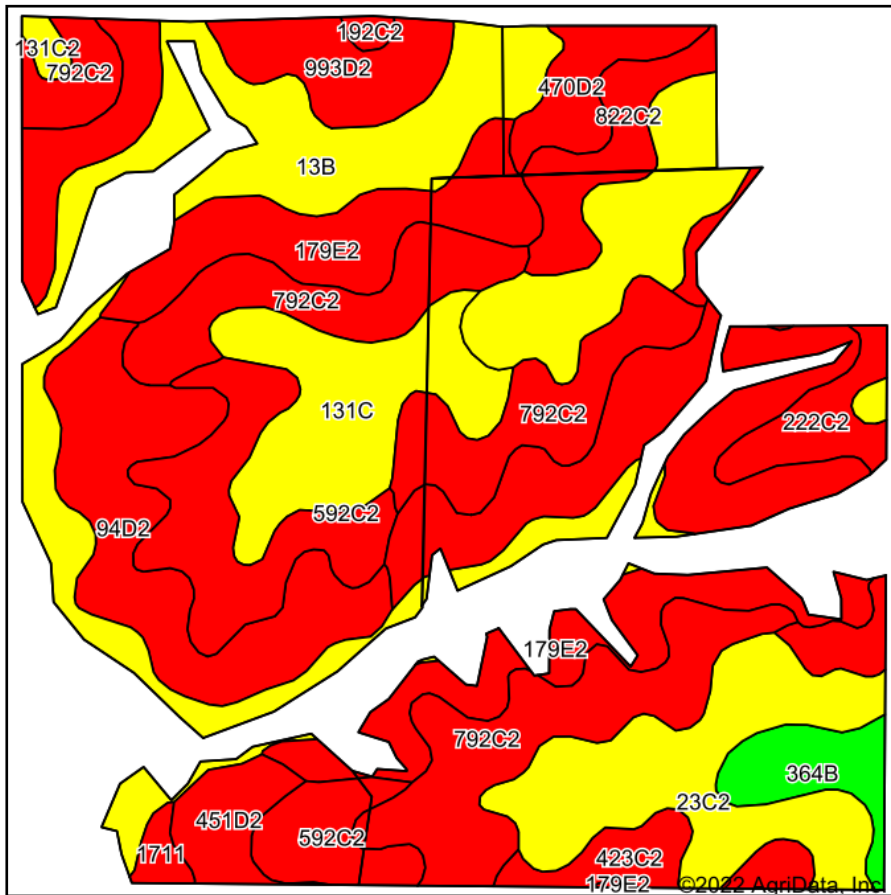


Soils Map



State: **Iowa**
 County: **Lucas**
 Location: **24-71N-22W**
 Township: **Warren**
 Acres: **122.65**
 Date: **8/2/2022**



Maps Provided By:



Soils data provided by USDA and NRCS.

Area Symbol: IA117, Soil Area Version: 30

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Small Grains	*n NCCPI Soybeans
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	20.76	16.9%		Vle	23	33	64	64	49	43
792C2	Armstrong clay loam, 5 to 9 percent slopes, moderately eroded	19.25	15.7%		IIIe	24	27	62	62	55	43
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	16.36	13.3%		IIIe	62	50	74	74	67	69
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	15.27	12.5%		IIw	68	53	77	70	43	74
94D2	Mystic-Caleb complex, 9 to 14 percent slopes, moderately eroded	9.69	7.9%		IVe	20	16	72	72	59	53
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	9.03	7.4%		IIIe	31	20	72	72	65	54
131C	Pershing silt loam, 5 to 9 percent slopes	7.82	6.4%		IIIe	65	49	74	74	70	59
993D2	Gara-Armstrong complex, 9 to 14 percent slopes, moderately eroded	6.45	5.3%		IVe	32	31	66	66	54	46
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	3.87	3.2%		IVw	28	25	56	56	48	44
822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	3.21	2.6%		IIIe	36	30	62	57	62	46
364B	Grundy silty clay loam, 2 to 5 percent slopes	2.60	2.1%		IIe	72	75	80	80	68	69
470D2	Lamoni-Shelby complex, 9 to 14 percent slopes, moderately eroded	2.42	2.0%		IVe	20	25	67	67	58	47
423C2	Bucknell silty clay loam, 5 to 9 percent slopes, moderately eroded	2.39	1.9%		IIIe	34	27	68	68	60	50
451D2	Caleb loam, 9 to 14 percent slopes, moderately eroded	2.18	1.8%		IVe	41	33	78	78	57	59
1711	Lawson-Nodaway-Colo complex, channeled, 0 to 2 percent slopes, frequently flooded	0.60	0.5%		Vw	5		12	6	12	3



131C2	Pershing silty clay loam, 5 to 9 percent slopes, moderately eroded	0.45	0.4%		Ille	62	45	69	69	66	57	
192C2	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	0.30	0.2%		Ille	29	30	68	68	56	47	
Weighted Average						3.57	39.5	*	*n 68.8	*n 67.8	*n 56.3	*n 54.1

**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.

*n: The aggregation method is "Weighted Average using all components"

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.