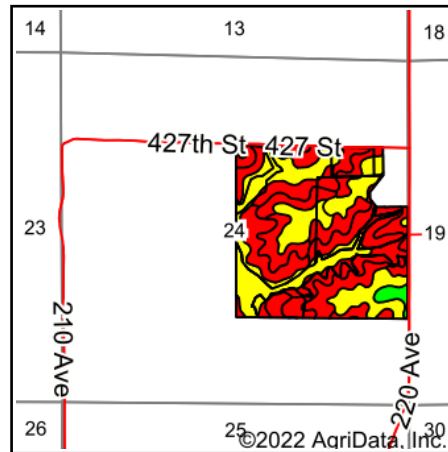
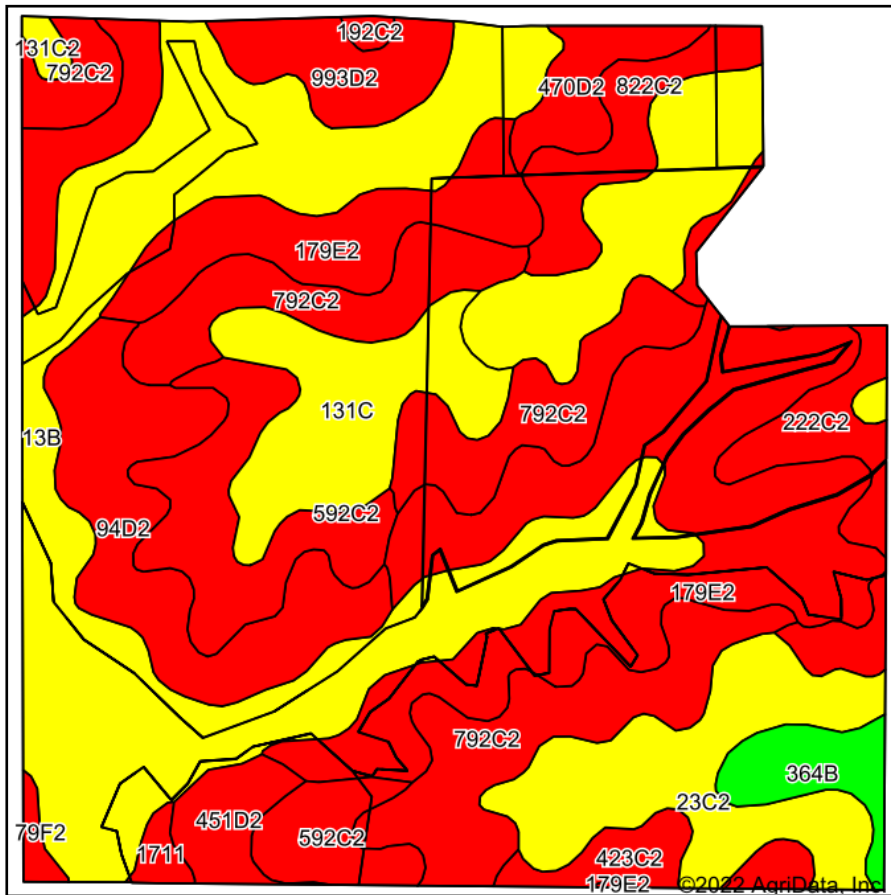


Soils Map



State: **Iowa**
 County: **Lucas**
 Location: **24-71N-22W**
 Township: **Warren**
 Acres: **145.32**
 Date: **8/2/2022**



Maps Provided By:



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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
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	30.17	20.8%		IIw	68	53	77	70	43	74
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	26.14	18.0%		VIe	23	33	64	64	49	43
792C2	Armstrong clay loam, 5 to 9 percent slopes, moderately eroded	19.25	13.2%		IIIe	24	27	62	62	55	43
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	17.27	11.9%		IIIe	62	50	74	74	67	69
94D2	Mystic-Caleb complex, 9 to 14 percent slopes, moderately eroded	9.69	6.7%		IVe	20	16	72	72	59	53
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	9.03	6.2%		IIIe	31	20	72	72	65	54
131C	Pershing silt loam, 5 to 9 percent slopes	7.82	5.4%		IIIe	65	49	74	74	70	59
993D2	Gara-Armstrong complex, 9 to 14 percent slopes, moderately eroded	6.49	4.5%		IVe	32	31	66	66	54	46
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	4.41	3.0%		IVw	28	25	56	56	48	44
822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	3.62	2.5%		IIIe	36	30	62	57	62	46
364B	Grundy silty clay loam, 2 to 5 percent slopes	2.60	1.8%		Ile	72	75	80	80	68	69
470D2	Lamoni-Shelby complex, 9 to 14 percent slopes, moderately eroded	2.42	1.7%		IVe	20	25	67	67	58	47
423C2	Bucknell silty clay loam, 5 to 9 percent slopes, moderately eroded	2.39	1.6%		IIIe	34	27	68	68	60	50
451D2	Caleb loam, 9 to 14 percent slopes, moderately eroded	2.18	1.5%		IVe	41	33	78	78	57	59
1711	Lawson-Nodaway-Colo complex, channeled, 0 to 2 percent slopes, frequently flooded	0.61	0.4%		Vw	5		12	6	12	3



179F2	Gara clay loam, 18 to 25 percent slopes, moderately eroded	0.48	0.3%		IVe	11	13	54	54	34	35
131C2	Pershing silty clay loam, 5 to 9 percent slopes, moderately eroded	0.45	0.3%		IIIe	62	45	69	69	66	57
192C2	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	0.30	0.2%		IIIe	29	30	68	68	56	47
Weighted Average					3.50	41.8	*-	*n 69.4	*n 67.8	*n 54.6	*n 55.7

**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.