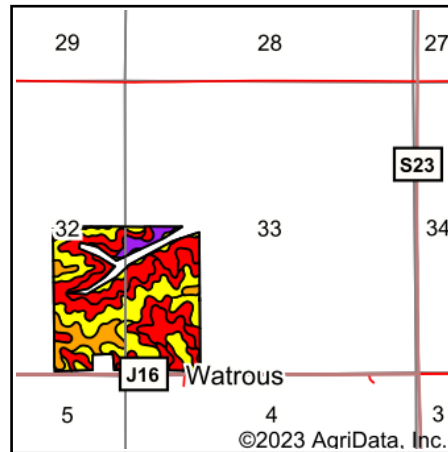
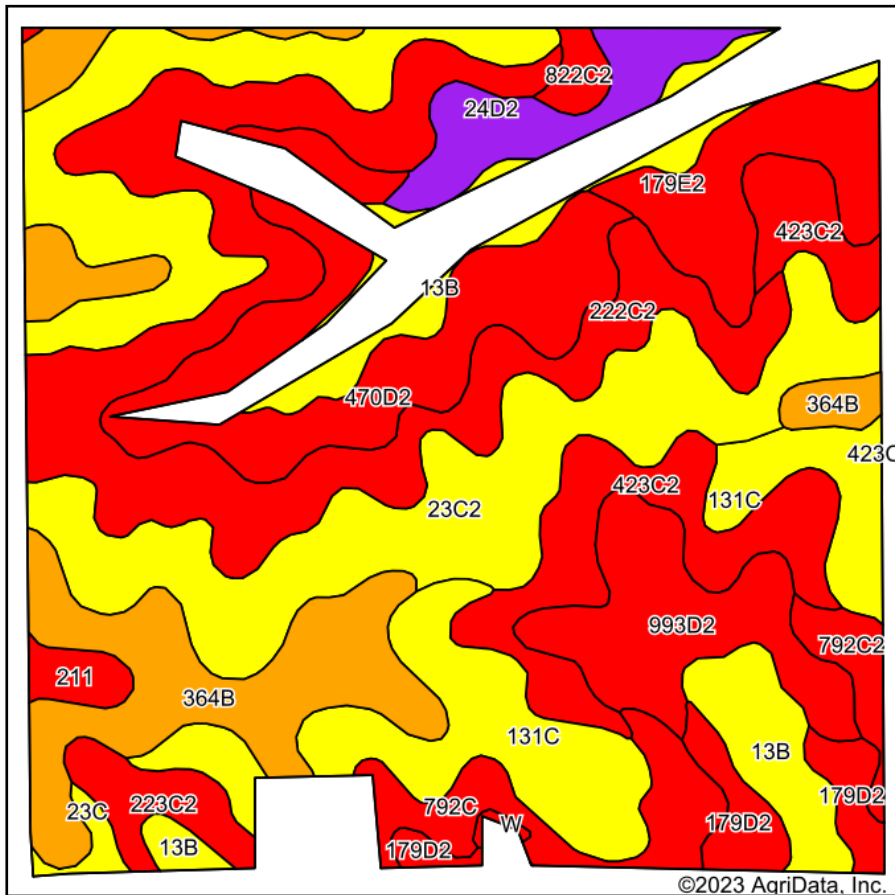


# Soils Map



State: **Iowa**  
 County: **Lucas**  
 Location: **32-71N-22W**  
 Township: **Warren**  
 Acres: **144.72**  
 Date: **6/9/2023**



Maps Provided By:  
  
 CUSTOMIZED ONLINE MAPPING  
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Soils data provided by USDA and NRCS.

Area Symbol: IA117, Soil Area Version: 31

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
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	29.15	20.1%		IIle	62	50	73	73	66	67
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	22.58	15.6%		IVw	28	25	53	53	47	42
364B	Grundy silty clay loam, 2 to 5 percent slopes	14.87	10.3%		Ile	72	75	79	79	67	68
131C	Pershing silt loam, 5 to 9 percent slopes	13.49	9.3%		IIle	65	49	72	72	69	58
470D2	Lamoni-Shelby complex, 9 to 14 percent slopes, moderately eroded	12.26	8.5%		IVe	20	25	64	64	57	46
423C2	Bucknell silty clay loam, 5 to 9 percent slopes, moderately eroded	10.72	7.4%		IIle	34	27	65	65	59	48
993D2	Gara-Armstrong complex, 9 to 14 percent slopes, moderately eroded	7.96	5.5%		IVe	32	31	65	65	53	45
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	7.65	5.3%		IIw	68	53	77	70	43	74
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	6.29	4.3%		VIe	23	33	63	63	49	42
24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	4.50	3.1%		IIle	52	48	74	74	59	55
792C	Armstrong loam, 5 to 9 percent slopes	4.47	3.1%		IIle	35	31	63	63	60	48
179D2	Gara clay loam, 9 to 14 percent slopes, moderately eroded	3.55	2.5%		IVe	45	43	72	72	57	53
223C2	Rinda silty clay loam, 5 to 9 percent slopes, moderately eroded	2.65	1.8%		IVw	45	22	60	60	52	46
792C2	Armstrong clay loam, 5 to 9 percent slopes, moderately eroded	1.65	1.1%		IIle	24	27	61	61	55	42
211	Edina silt loam, depressional, 0 to 1 percent slopes	1.22	0.8%		IIIw	41	57	66	66	62	59



822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	0.92	0.6%		Ille	36	30	61	57	61	46
23C	Arispe silty clay loam, 5 to 9 percent slopes	0.64	0.4%		Ille	66	55	78	78	73	71
W	Water	0.15	0.1%			0	0				
<b>Weighted Average</b>					*-	<b>46.6</b>	<b>41.4</b>	<b>*n 67.5</b>	<b>*n 67.1</b>	<b>*n 58.4</b>	<b>*n 55</b>

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

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

\*c: Using Capabilities Class Dominant Condition Aggregation Method

\*- Non Irr Class weighted average cannot be calculated on the current soils data due to missing data.

Soils data provided by USDA and NRCS.