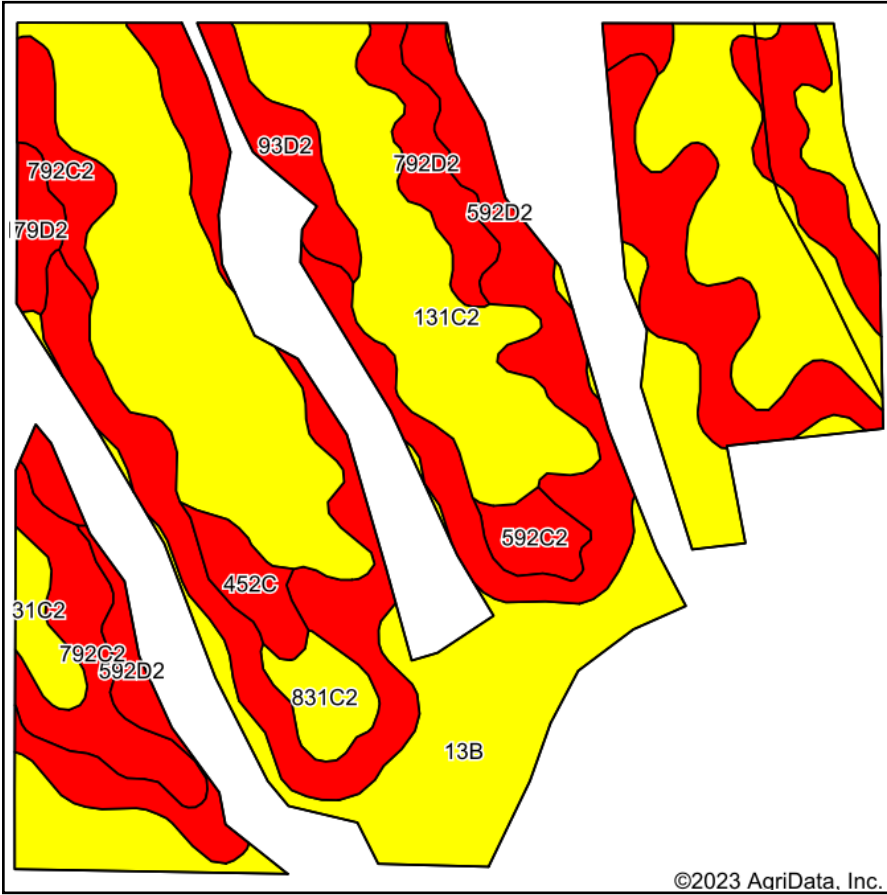
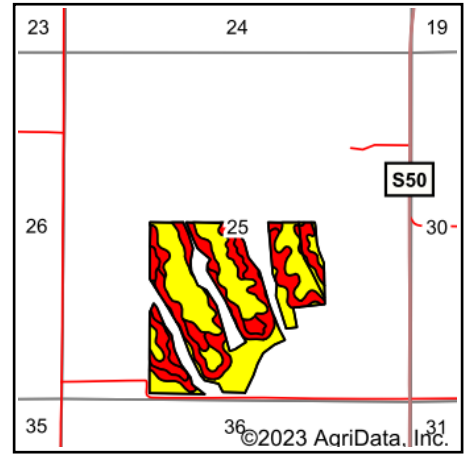


# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Lucas**  
 Location: **25-71N-21W**  
 Township: **Benton**  
 Acres: **103.53**  
 Date: **6/9/2023**



Maps Provided By:



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	
131C2	Pershing silty clay loam, 5 to 9 percent slopes, moderately eroded	35.62	34.4%	Yellow	IIIe	62	45	68	68	65	56	
592D2	Mystic clay loam, 9 to 14 percent slopes, moderately eroded	29.46	28.5%	Red	IVe	10	5	67	67	62	50	
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	17.95	17.3%	Yellow	IIw	68	53	77	70	43	74	
792C2	Armstrong clay loam, 5 to 9 percent slopes, moderately eroded	6.17	6.0%	Red	IIIe	24	27	61	61	55	42	
93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	4.27	4.1%	Red	IVe	32	35	69	69	55	50	
792D2	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	3.23	3.1%	Red	IVe	5	13	57	57	53	40	
831C2	Pershing silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	1.86	1.8%	Yellow	IIIe	64	45	69	69	66	57	
179D2	Gara clay loam, 9 to 14 percent slopes, moderately eroded	1.82	1.8%	Red	IVe	45	43	72	72	57	53	
452C	Lineville silt loam, 5 to 9 percent slopes	1.69	1.6%	Red	IIIe	48	36	73	73	57	55	
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	1.46	1.4%	Red	IIIe	31	20	70	70	64	53	
<b>Weighted Average</b>						<b>3.20</b>	<b>42</b>	<b>32</b>	<b>*n 68.8</b>	<b>*n 67.5</b>	<b>*n 58.7</b>	<b>*n 55.7</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

Soils data provided by USDA and NRCS.