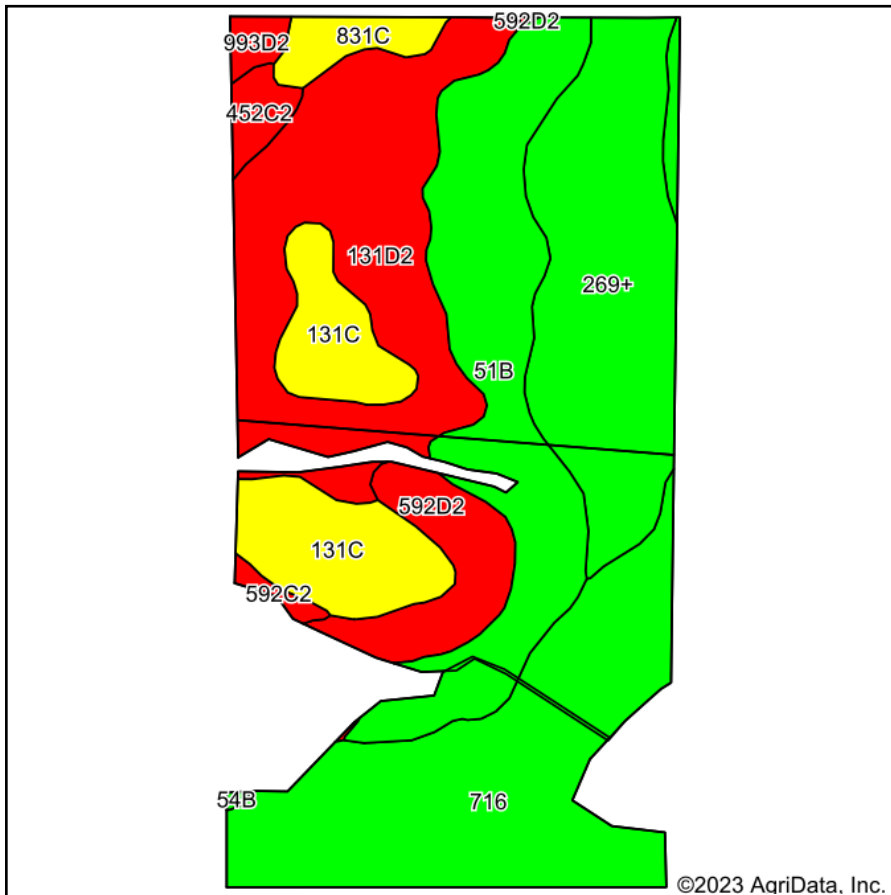
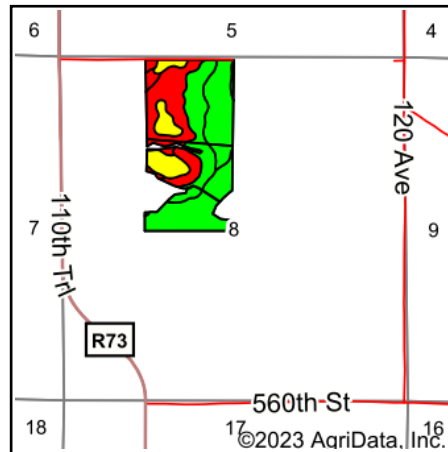


# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Lucas**  
 Location: **8-73N-23W**  
 Township: **Otter Creek**  
 Acres: **72.67**  
 Date: **4/3/2023**



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	
716	Lawson-Quiver-Nodaway complex, 0 to 2 percent slopes, occasionally flooded	16.86	23.2%		IIw	78		88	79	49	86	
131D2	Pershing silty clay loam, 9 to 14 percent slopes, moderately eroded	14.17	19.5%		IVe	38	31	64	63	63	53	
51B	Vesser silt loam, 2 to 5 percent slopes, rarely flooded	13.48	18.5%		IIw	75	66	93	74	45	93	
269+	Humeston silt loam, 0 to 2 percent slopes, overwash, occasionally flooded	13.44	18.5%		IIIw	72	63	82	82	68	69	
131C	Pershing silt loam, 5 to 9 percent slopes	7.42	10.2%		IIIe	65	49	72	72	69	58	
592D2	Mystic clay loam, 9 to 14 percent slopes, moderately eroded	3.79	5.2%		IVe	10	5	67	67	62	50	
831C	Pershing silt loam, terrace, 5 to 9 percent slopes	1.50	2.1%		IIIe	67	49	72	69	71	65	
452C2	Lineville silt loam, 5 to 9 percent slopes, moderately eroded	0.97	1.3%		IIIe	46	31	69	69	54	49	
993D2	Gara-Armstrong complex, 9 to 14 percent slopes, moderately eroded	0.61	0.8%		IVe	32	31	65	65	53	45	
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	0.37	0.5%		IIIe	31	20	70	70	64	53	
54B	Zook silty clay loam, heavy till, 2 to 5 percent slopes, rarely flooded	0.06	0.1%		IIw	71	65	70	64	43	69	
<b>Weighted Average</b>						<b>2.84</b>	<b>62.4</b>	<b>*</b>	<b>*n 79.5</b>	<b>*n 73.7</b>	<b>*n 57.8</b>	<b>*n 71.5</b>

\*\*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

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