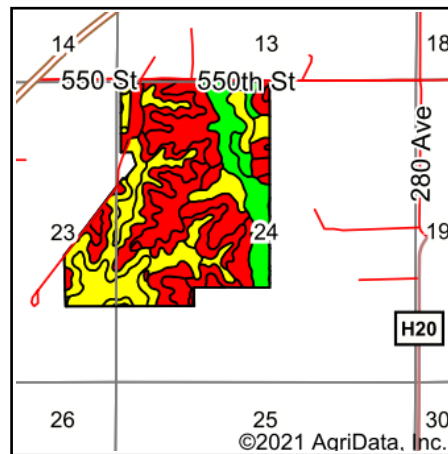
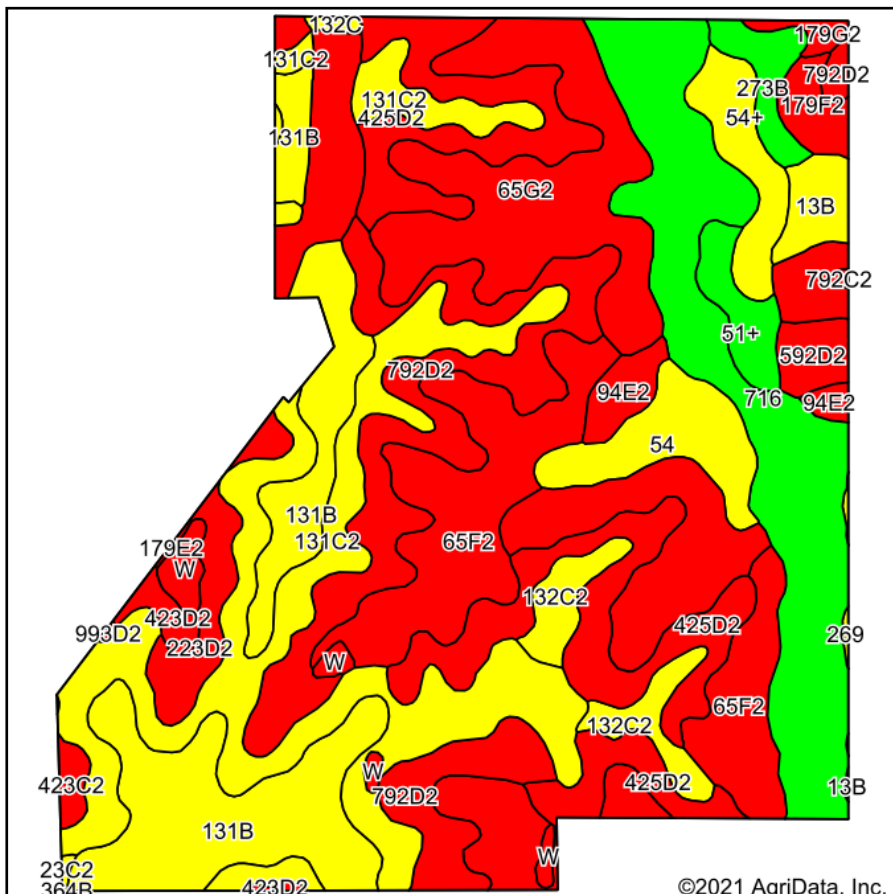


# Soils Map



State: **Iowa**  
 County: **Lucas**  
 Location: **24-73N-21W**  
 Township: **English**  
 Acres: **260**  
 Date: **12/10/2021**



Soils data provided by USDA and NRCS.

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Area Symbol: IA117, Soil Area Version: 30

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Corn Bu	Soybeans Bu	*n NCCPI Overall	*n NCCPI Corn
131C2	Pershing silty clay loam, 5 to 9 percent slopes, moderately eroded	37.78	14.5%		IIIe	62	45			69	69
65G2	Lindley loam, 25 to 40 percent slopes, moderately eroded	31.63	12.2%		VIIe	5	5			19	19
716	Lawson-Quiver-Nodaway complex, 0 to 2 percent slopes, occasionally flooded	29.35	11.3%		IIw	78				89	80
65F2	Lindley loam, 18 to 25 percent slopes, moderately eroded	28.64	11.0%		VIIe	10	8			53	53
131B	Pershing silt loam, 2 to 5 percent slopes	27.40	10.5%		IIIe	70	67			75	75
425D2	Keswick clay loam, 9 to 14 percent slopes, moderately eroded	25.54	9.8%		IVe	8	12			54	54
792D2	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	25.23	9.7%		IVe	5	13			58	58
54	Zook silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded	7.13	2.7%		IIw	68	75			74	74
5040	Orthents, loamy	5.77	2.2%			5	5				
132C2	Weller silty clay loam, 5 to 9 percent slopes, moderately eroded	5.59	2.2%		IIIe	59	40			86	86
54+	Zook silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded, overwash	5.28	2.0%		IIw	68	70			73	66
223D2	Rinda silty clay loam, 9 to 14 percent slopes, moderately eroded	4.88	1.9%		IVe	19	9			60	60
179F2	Gara clay loam, 18 to 25 percent slopes, moderately eroded	4.65	1.8%		IVe	11	13			54	54
51+	Vesser silt loam, 0 to 2 percent slopes, overwash	3.32	1.3%		IIw	74	70			93	74
273B	Olmitz loam, heavy till, 2 to 5 percent slopes	2.93	1.1%		IIe	81	72	152	41	92	92
94E2	Mystic-caleb complex, 14 to 18 percent slopes, moderately eroded	2.87	1.1%		VIe	17	12			64	64



13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	2.79	1.1%		Ilw	68	53			77	70	
W	Water	2.39	0.9%			0	0					
592D2	Mystic clay loam, 9 to 14 percent slopes, moderately eroded	2.30	0.9%		IVe	10	5			69	69	
423D2	Bucknell silty clay loam, 9 to 14 percent slopes, moderately eroded	1.53	0.6%		IVe	6	13			61	61	
423C2	Bucknell silty clay loam, 5 to 9 percent slopes, moderately eroded	1.06	0.4%		IIIe	34	27			68	68	
179G2	Gara clay loam, 25 to 40 percent slopes, moderately eroded	0.86	0.3%		VIle	5	5			18	18	
132C	Weller silt loam, 5 to 9 percent slopes	0.38	0.1%		IIIe	59	44			90	90	
269	Humeston silty clay loam, 0 to 2 percent slopes, occasionally flooded	0.21	0.1%		IIIw	70	58			89	89	
792C2	Armstrong clay loam, 5 to 9 percent slopes, moderately eroded	0.16	0.1%		IIIe	24	27			62	62	
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	0.15	0.1%		IIIe	62	50			74	74	
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	0.10	0.0%		VIe	23	33			64	64	
993D2	Gara-Armstrong complex, 9 to 14 percent slopes, moderately eroded	0.08	0.0%		IVe	32	31			66	66	
<b>Weighted Average</b>						<b>3.93</b>	<b>36.6</b>	<b>*</b>	<b>1.7</b>	<b>0.5</b>	<b>*n 59.9</b>	<b>*n 58.4</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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