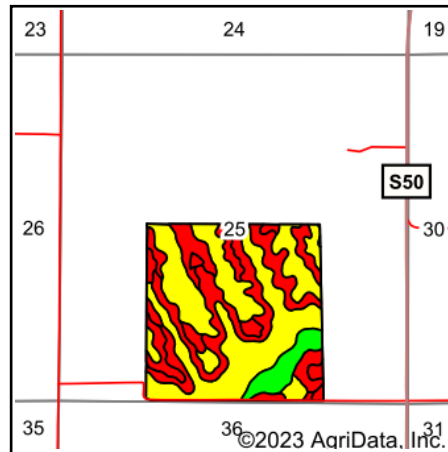
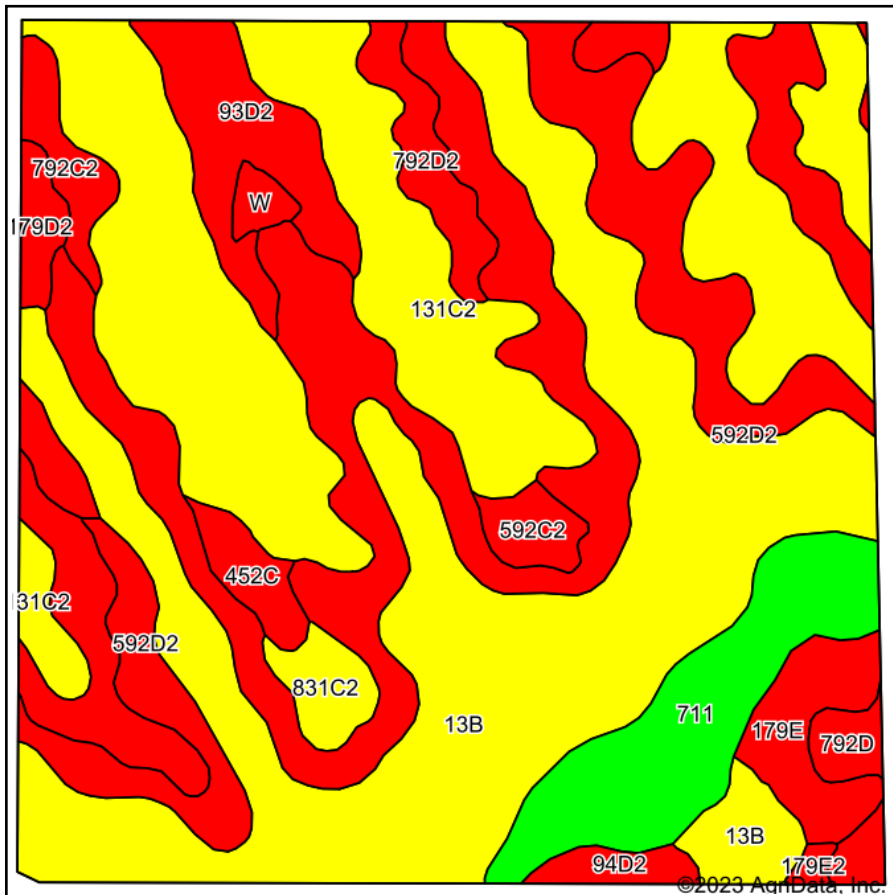


Soils Map



State: **Iowa**
 County: **Lucas**
 Location: **25-71N-21W**
 Township: **Benton**
 Acres: **158.8**
 Date: **6/9/2023**



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	Corn Bu	Soybeans Bu	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Small Grains	*n NCCPI Soybeans
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	46.22	29.1%		Ilw	68	53			77	70	43	74
592D2	Mystic clay loam, 9 to 14 percent slopes, moderately eroded	36.50	23.0%		IVe	10	5			67	67	62	50
131C2	Pershing silty clay loam, 5 to 9 percent slopes, moderately eroded	35.81	22.6%		Ille	62	45			68	68	65	56
711	Lawson-Nodaway-Colo complex, 0 to 2 percent slopes, occasionally flooded	9.82	6.2%		Ilw	83		215	62	89	81	53	88
792C2	Armstrong clay loam, 5 to 9 percent slopes, moderately eroded	6.23	3.9%		Ille	24	27			61	61	55	42
93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	5.85	3.7%		IVe	32	35			69	69	55	50
179E	Gara loam, 14 to 18 percent slopes	3.71	2.3%		Vle	30	35			68	68	57	53
792D2	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	3.48	2.2%		IVe	5	13			57	57	53	40
179D2	Gara clay loam, 9 to 14 percent slopes, moderately eroded	2.28	1.4%		IVe	45	43			72	72	57	53
831C2	Pershing silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	1.86	1.2%		Ille	64	45			69	69	66	57
792D	Armstrong loam, 9 to 14 percent slopes	1.73	1.1%		IVe	10	18			68	68	61	50



452C	Lineville silt loam, 5 to 9 percent slopes	1.69	1.1%		IIIe	48	36			73	73	57	55
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	1.46	0.9%		IIIe	31	20			70	70	64	53
94D2	Mystic-Caleb complex, 9 to 14 percent slopes, moderately eroded	1.15	0.7%		IVe	20	16			71	71	59	52
W	Water	0.71	0.4%			0	0						
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	0.30	0.2%		Vle	23	33			63	63	49	42
Weighted Average					*-	46.6	*-	13.3	3.8	*n 71.1	*n 68.5	*n 55.3	*n 60.2

**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

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

Soils data provided by USDA and NRCS.