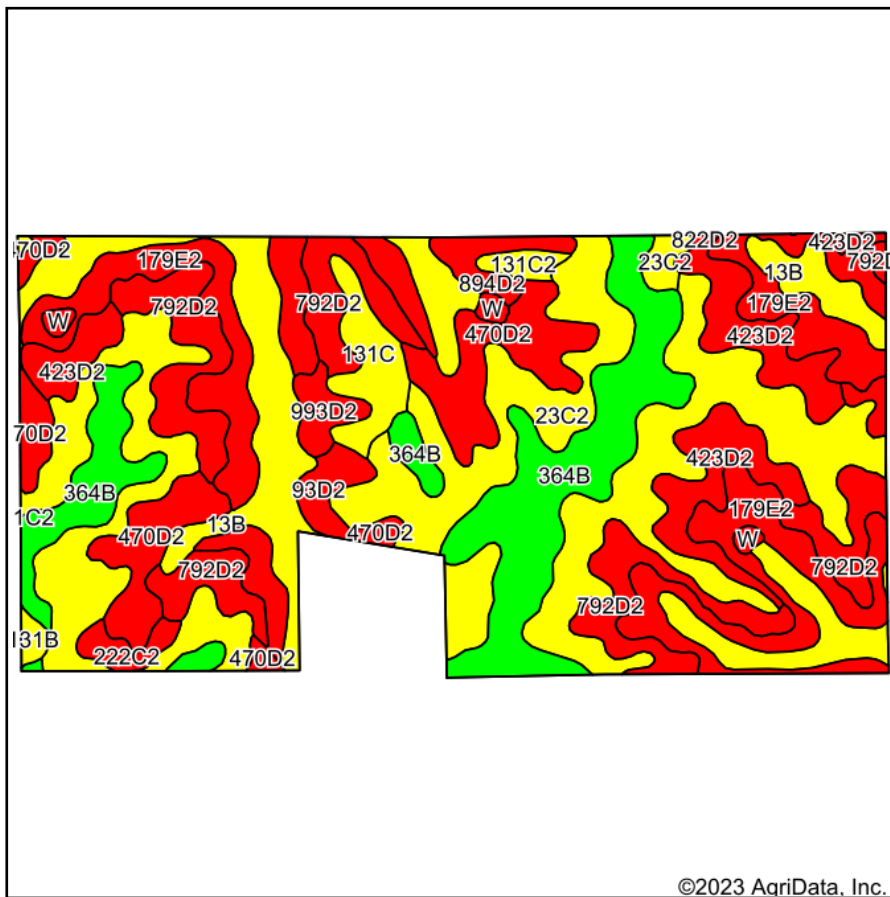
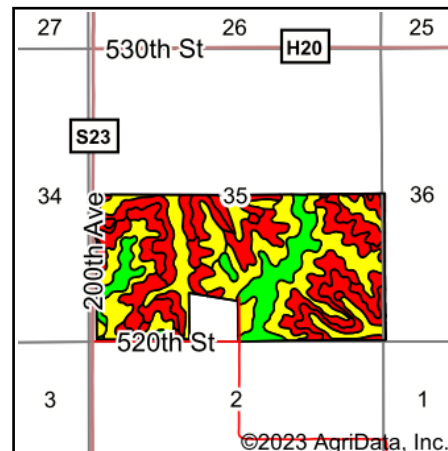


Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**
 County: **Lucas**
 Location: **35-73N-22W**
 Township: **Liberty**
 Acres: **294.28**
 Date: **11/2/2023**



Maps Provided By:



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Area Symbol: IA117, Soil Area Version: 32

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	48.42	16.5%		IIle	62	50	73	73	66	68
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	45.42	15.4%		VIe	23	33	62	62	48	42
364B	Grundy silty clay loam, 2 to 5 percent slopes	37.58	12.8%		Ile	72	75	79	79	67	68
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	34.09	11.6%		IIw	68	53	77	70	43	74
792D2	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	33.42	11.4%		IVe	5	13	58	58	55	42
131C2	Pershing silty clay loam, 5 to 9 percent slopes, moderately eroded	30.57	10.4%		IIle	62	45	68	68	65	56
470D2	Lamoni-Shelby complex, 9 to 14 percent slopes, moderately eroded	23.15	7.9%		IVe	20	25	65	65	57	46
423D2	Bucknell silty clay loam, 9 to 14 percent slopes, moderately eroded	20.25	6.9%		IVe	6	13	62	62	59	48
131C	Pershing silt loam, 5 to 9 percent slopes	6.57	2.2%		IIle	65	49	72	72	69	58
894D2	Bucknell-Gara complex, 9 to 14 percent slopes, moderately eroded	3.42	1.2%		IVe	22	24	61	59	56	46
93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	3.26	1.1%		IVe	32	35	69	69	55	50
993D2	Gara-Armstrong complex, 9 to 14 percent slopes, moderately eroded	3.00	1.0%		IVe	32	31	65	65	53	45
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	2.35	0.8%		IVw	28	25	54	54	46	42
W	Water	1.67	0.6%			0	0				
131B	Pershing silt loam, 2 to 5 percent slopes	0.93	0.3%		IIle	70	67	74	74	70	59

822D2	Lamoni silty clay loam, 9 to 14 percent slopes, moderately eroded	0.18	0.1%		IVe	10	15	63	63	58	49
Weighted Average					*~	42.7	40.5	*n 68.1	*n 67.2	*n 57.3	*n 55.8

**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.