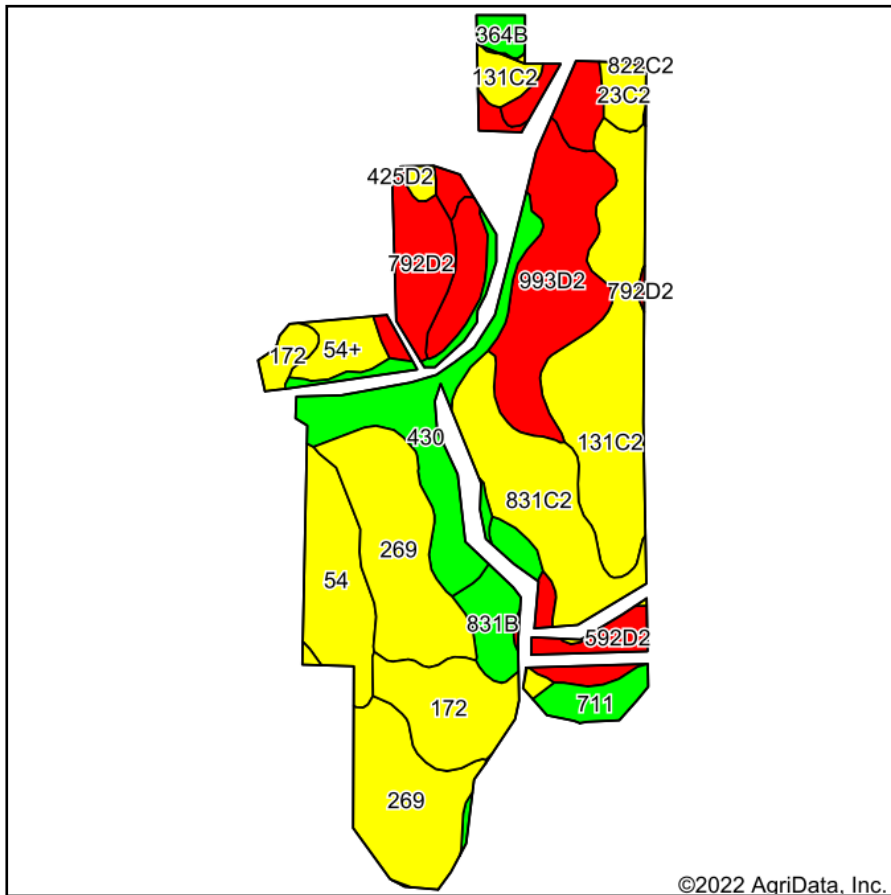
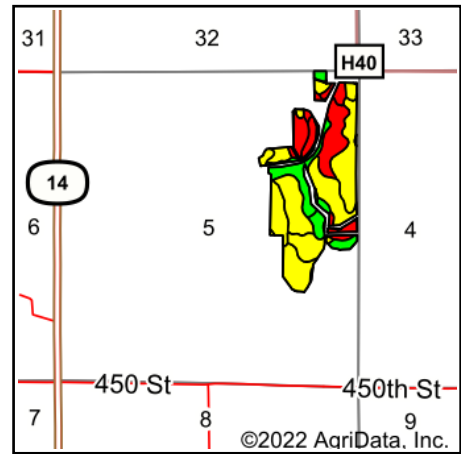


Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**
 County: **Lucas**
 Location: **5-71N-21W**
 Township: **Benton**
 Acres: **87.65**
 Date: **9/23/2022**



Maps Provided By:



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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	*n NCCPI Small Grains	*n NCCPI Soybeans
269	Humeston silty clay loam, 0 to 2 percent slopes, occasionally flooded	15.77	18.0%		Illw	70	58			89	89	68	81
131C2	Pershing silty clay loam, 5 to 9 percent slopes, moderately eroded	13.57	15.5%		Ille	62	45			69	69	66	57
993D2	Gara-Armstrong complex, 9 to 14 percent slopes, moderately eroded	10.15	11.6%		Ive	32	31			66	66	54	46
831C2	Pershing silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	8.50	9.7%		Ille	64	45			70	70	66	58
430	Ackmore silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	8.12	9.3%		Ilw	77	83			91	91	69	82
172	Wabash silty clay, 0 to 2 percent slopes, occasionally flooded	6.41	7.3%		Illw	57	45			60	60	45	49
54	Zook silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded	5.62	6.4%		Ilw	68	75			74	74	62	68
792D2	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	3.97	4.5%		Ive	5	13			58	58	54	40
831B	Pershing silt loam, terrace, 2 to 5 percent slopes	2.93	3.3%		Ille	71	67			77	77	75	69
592D2	Mystic clay loam, 9 to 14 percent slopes, moderately eroded	2.46	2.8%		Ive	10	5			69	69	62	51
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	2.16	2.5%		Vle	23	33			64	64	49	43

822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	2.12	2.4%		Ille	36	30			62	57	62	46
54+	Zook silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded, overwash	1.87	2.1%		Ilw	68	70			73	66	35	73
711	Lawson-Nodaway-Colo complex, 0 to 2 percent slopes, occasionally flooded	1.86	2.1%		Ilw	83		215	62	91	83	53	89
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	1.24	1.4%		Ille	62	50			74	74	67	69
364B	Grundy silty clay loam, 2 to 5 percent slopes	0.83	0.9%		Ile	72	75			80	80	68	69
425D2	Keswick clay loam, 9 to 14 percent slopes, moderately eroded	0.07	0.1%		Ive	8	12			54	54	53	39
Weighted Average					3.06	56.9	*-	4.6	1.3	*n 74.2	*n 73.8	*n 61.7	*n 62.7

**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

Soils data provided by USDA and NRCS.