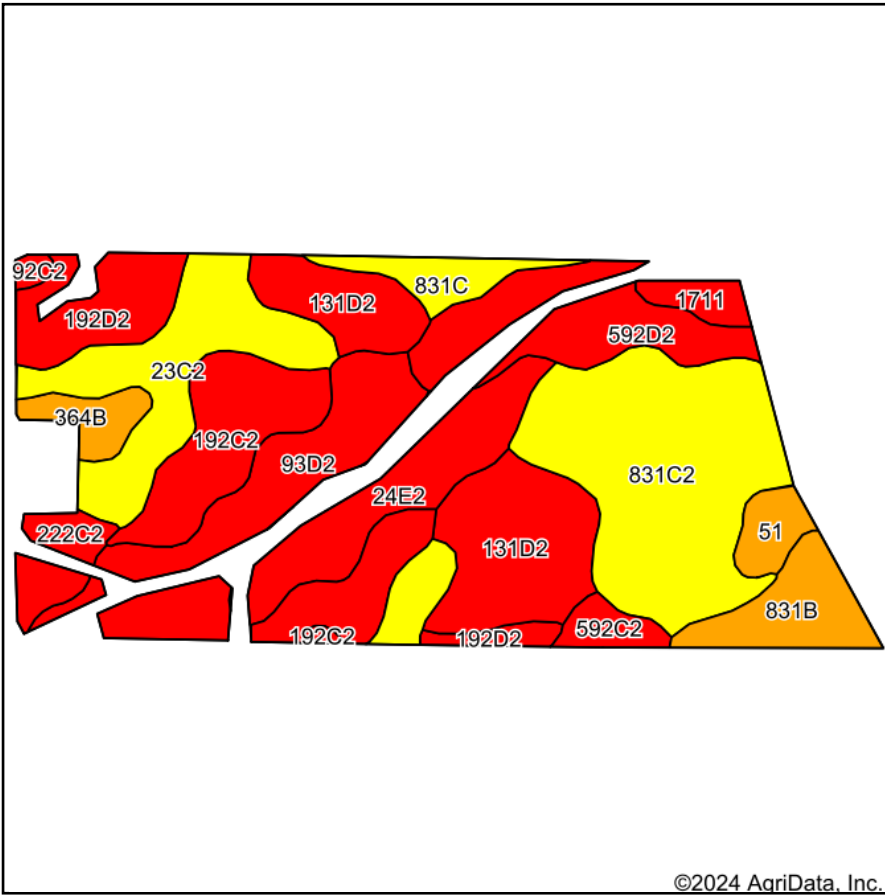
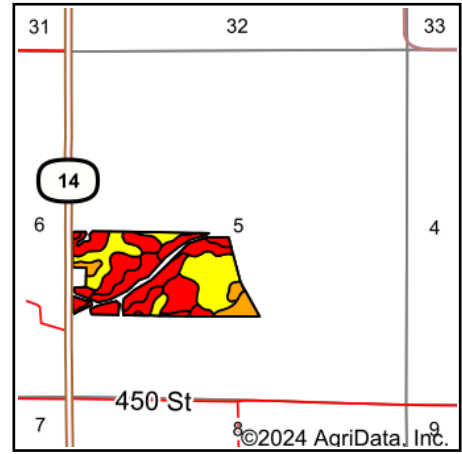


Soils Map



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Soils data provided by USDA and NRCS.



State: **Iowa**
 County: **Lucas**
 Location: **5-71N-21W**
 Township: **Benton**
 Acres: **72.2**
 Date: **12/7/2024**



Maps Provided By:



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Area Symbol: IA117, Soil Area Version: 33

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Bromegrass alfalfa AUM	Kentucky bluegrass AUM	Smooth bromegrass AUM	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Small Grains	*n NCCPI Soybeans
831C2	Pershing silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	13.41	18.5%		IIle	64	45				69	69	65	57
93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	9.92	13.7%		IVe	32	35				69	69	55	50
131D2	Pershing silty clay loam, 9 to 14 percent slopes, moderately eroded	9.05	12.5%		IVe	38	31				63	63	62	53
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	8.45	11.7%		IIle	62	50				73	73	66	68

Soils data provided by USDA and NRCS.

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Bromegrass alfalfa AUM	Kentucky bluegrass AUM	Smooth bromegrass AUM	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Small Grains	*n NCCPI Soybeans
592D2	Mystic clay loam, 9 to 14 percent slopes, moderately eroded	5.54	7.7%		IVe	10	5				67	67	61	50
192C2	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	5.36	7.4%		IIIe	29	30				66	66	55	46
24E2	Shelby clay loam, 14 to 18 percent slopes, moderately eroded	5.15	7.1%		IVe	40	38				66	66	52	49
192D2	Adair clay loam, heavy till, 9 to 14 percent slopes, moderately eroded	4.04	5.6%		IVe	9	15				65	65	53	44
831B	Pershing silt loam, terrace, 2 to 5 percent slopes	3.15	4.4%		IIIe	71	67				73	73	72	66
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	1.70	2.4%		IVw	28	25				54	54	46	42
831C	Pershing silt loam, terrace, 5 to 9 percent slopes	1.70	2.4%		IIIe	67	49				72	69	71	65
364B	Grundy silty clay loam, 2 to 5 percent slopes	1.41	2.0%		IIe	72	75				79	79	67	68
51	Vesser silt loam, 0 to 2 percent slopes, occasionally flooded	1.30	1.8%		IIw	75	71				94	75	39	94
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	1.05	1.5%		IIIe	31	20				70	70	64	53



Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Bromegrass alfaifa AUM	Kentucky bluegrass AUM	Smooth bromegrass AUM	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Small Grains	*n NCCPI Soybeans	
1711	Lawson-Nodaway-Colo complex, channeled, 0 to 2 percent slopes, frequently flooded	0.97	1.3%		Vw	5	25	7	2.5	5.1	12	6	12	2	
Weighted Average						3.48	43.2	37.1	0.1	*-	0.1	*n 67.7	*n 67.2	*n 59.6	*n 54.5

**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