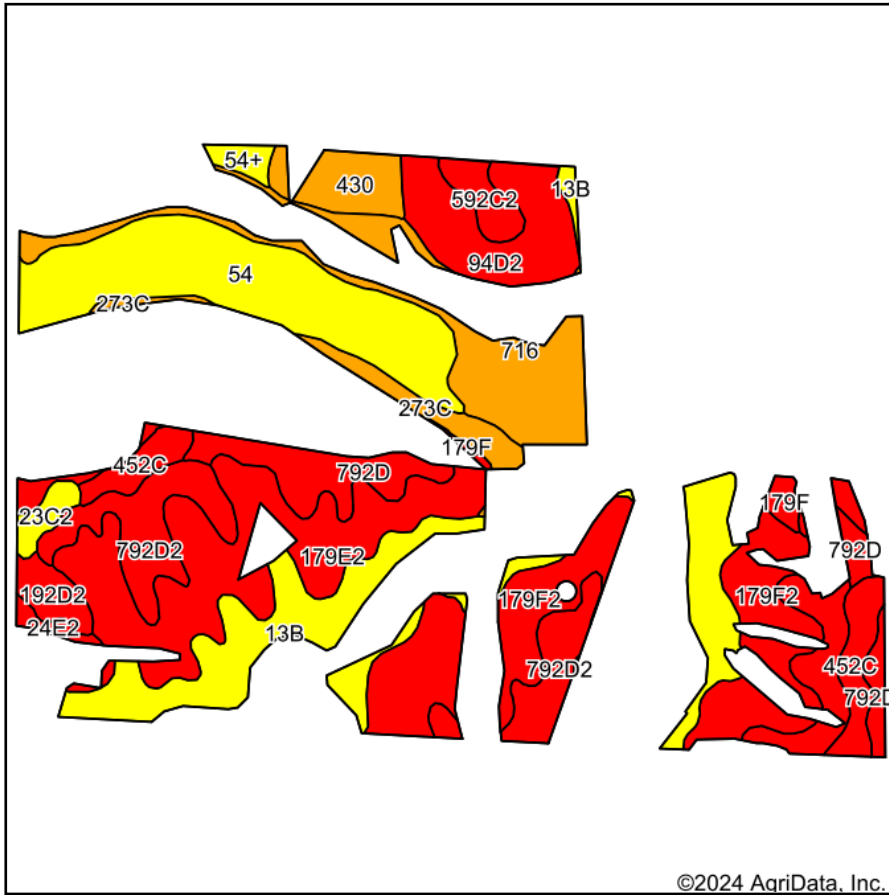
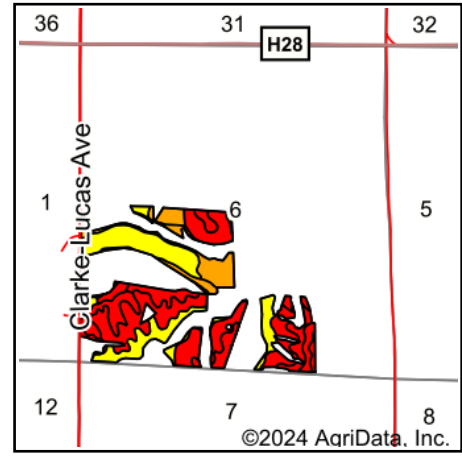


Soils Map



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Soils data provided by USDA and NRCS.



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State: **Iowa**
 County: **Lucas**
 Location: **6-72N-23W**
 Township: **Jackson**
 Acres: **117.88**
 Date: **4/29/2024**



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	*i Corn Bu	*i Soybeans Bu	CSR2**	CSR	*n NCCPI Soybeans
54	Zook silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded	16.44	13.9%		Ilw	164.8	47.8	68	75	67
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	16.01	13.6%		Vle	139.2	40.4	23	33	42
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	15.61	13.2%		Ilw	200.0	58.0	68	53	74
179F2	Gara clay loam, 18 to 25 percent slopes, moderately eroded	15.31	13.0%		IVe	115.2	33.4	11	13	34
792D2	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	13.64	11.6%		IVe	88.0	25.5	5	13	42
716	Lawson-Quiver-Nodaway complex, 0 to 2 percent slopes, occasionally flooded	9.90	8.4%		Ilw	80.0	23.2	78		86
94D2	Mystic-Caleb complex, 9 to 14 percent slopes, moderately eroded	7.27	6.2%		IVe	120.0	34.8	20	16	52
792D	Armstrong loam, 9 to 14 percent slopes	6.04	5.1%		IVe	99.2	28.8	10	18	50
452C	Lineville silt loam, 5 to 9 percent slopes	4.20	3.6%		Ille	80.0	23.2	48	36	59
430	Ackmore silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	3.24	2.7%		Ilw	203.2	58.9	77	83	82
273C	Olmitz loam, heavy till, 5 to 9 percent slopes	2.72	2.3%		Ille	208.0	60.3	77	57	71
192D2	Adair clay loam, heavy till, 9 to 14 percent slopes, moderately eroded	1.75	1.5%		IVe	108.8	31.6	9	15	44
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	1.73	1.5%		Ille	115.2	33.4	31	20	53

Soils data provided by USDA and NRCS.



Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	*i Corn Bu	*j Soybeans Bu	CSR2**	CSR	*n NCCPI Soybeans
179F	Gara loam, 18 to 25 percent slopes	1.21	1.0%		Vle	120.0	34.8	19	15	41
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	1.14	1.0%		IIIe	80.0	23.2	62	50	68
54+	Zook silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded, overwash	0.87	0.7%		IIw	164.8	47.8	68	70	73
24E2	Shelby clay loam, 14 to 18 percent slopes, moderately eroded	0.80	0.7%		IVe	144.0	41.8	40	38	49
Weighted Average					3.43	133.5	38.7	39.7	*-	*n 56.5

**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.*i Yield data provided by the ISPAID Database version 8.1.1 developed by IA State University.

*n: The aggregation method is "Weighted Average using all components"

*c: Using Capabilities Class Dominant Condition Aggregation Method