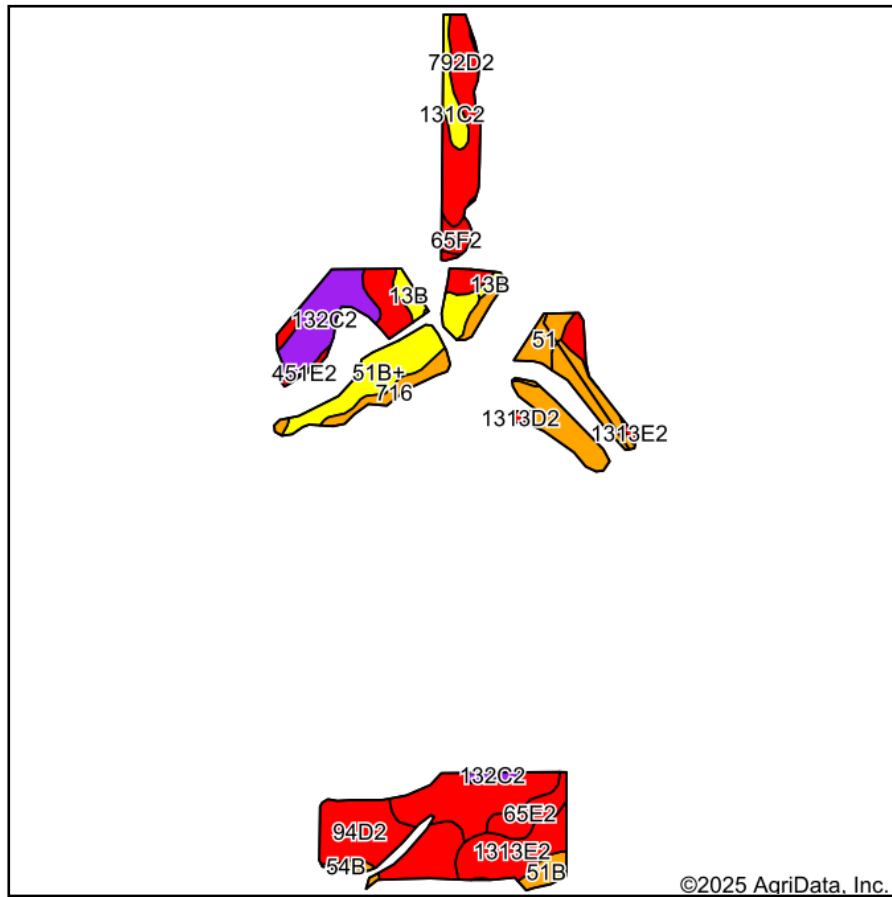
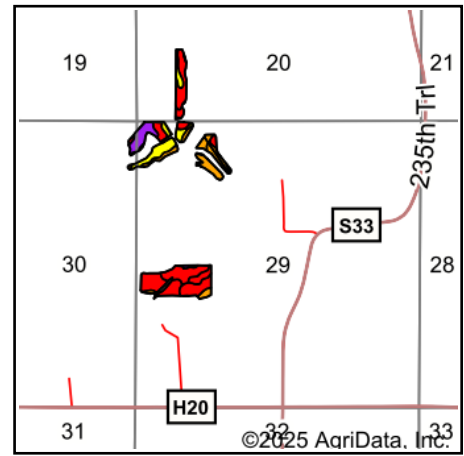


Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**
 County: **Lucas**
 Location: **29-73N-21W**
 Township: **English**
 Acres: **35.66**
 Date: **7/15/2025**



Maps Provided By:
surety
 CUSTOMIZED ONLINE MAPPING
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Area Symbol: IA117, Soil Area Version: 33

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	*i Corn Bu	*i Soybeans Bu	CSR2**	CSR	*n NCCPI Soybeans
1313E2	Munterville silty clay loam, 14 to 18 percent slopes, moderately eroded	5.06	14.4%		VIe	80.0	23.2	22	5	38
94D2	Mystic-Caleb complex, 9 to 14 percent slopes, moderately eroded	5.01	14.0%		IVe	120.0	34.8	20	16	52
425D2	Keswick clay loam, 9 to 14 percent slopes, moderately eroded	3.93	11.0%		IVe	88.0	25.5	8	12	38
54B	Zook silty clay loam, heavy till, 2 to 5 percent slopes, rarely flooded	3.72	10.4%		IIlw	177.6	51.5	71	65	69
51B+	Vesser silt loam, 2 to 5 percent slopes, overwash	3.69	10.3%		IIlw	190.4	55.2	69	65	80
792D2	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	3.39	9.5%		IVe	88.0	25.5	5	13	42
132C2	Weller silty clay loam, 5 to 9 percent slopes, moderately eroded	3.32	9.3%		IIIe	80.0	23.2	59	40	67
716	Lawson-Quiver-Nodaway complex, 0 to 2 percent slopes, occasionally flooded	1.56	4.4%		IIlw	80.0	23.2	78		86
65E2	Lindley loam, 14 to 18 percent slopes, moderately eroded	1.28	3.6%		VIe	134.4	39.0	29	28	53
51	Vesser silt loam, 0 to 2 percent slopes, occasionally flooded	1.07	3.0%		IIlw	198.4	57.5	75	71	94
131C2	Pershing silty clay loam, 5 to 9 percent slopes, moderately eroded	0.94	2.6%		IIIe	80.0	23.2	62	45	56
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	0.69	1.9%		IIlw	200.0	58.0	68	53	74
51B	Vesser silt loam, 2 to 5 percent slopes, rarely flooded	0.69	1.9%		IIlw	190.4	55.2	75	66	93

Soils data provided by USDA and NRCS.

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	*i Corn Bu	*i Soybeans Bu	CSR2**	CSR	*n NCCPI Soybeans
65F2	Lindley loam, 18 to 25 percent slopes, moderately eroded	0.59	1.7%		VIIe	110.4	32.0	10	8	37
1313F2	Munterville silty clay loam, 18 to 25 percent slopes, moderately eroded	0.49	1.4%		VIe	80.0	23.2	5	5	28
451E2	Caleb loam, 14 to 18 percent slopes, moderately eroded	0.16	0.4%		VIe	139.2	40.4	31	23	54
1313D2	Munterville silty clay loam, 9 to 14 percent slopes, moderately eroded	0.07	0.2%		VIe	80.0	23.2	34	10	41
Weighted Average					3.69	119.6	34.7	38.9	*-	*n 57.1

**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