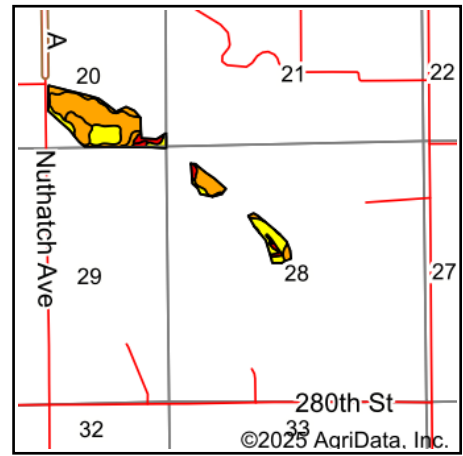
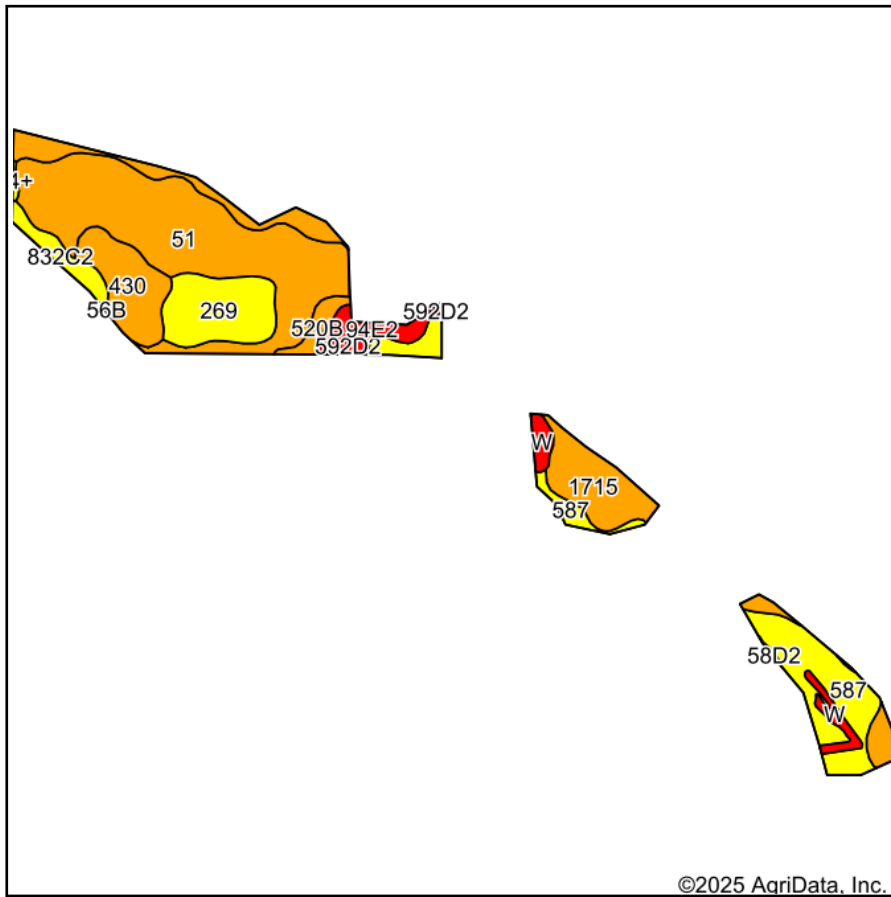


Soils Map



State: **Iowa**
 County: **Davis**
 Location: **28-68N-13W**
 Township: **Grove**
 Acres: **53.15**
 Date: **7/10/2025**



Maps Provided By:
surety
 CUSTOMIZED ONLINE MAPPING
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Soils data provided by USDA and NRCS.

Area Symbol: IA051, Soil Area Version: 31

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Restrictive Layer	Soil Drainage	Non-Irr Class *c	*i Corn Bu	*i Alfalfa Tons	*i Soybeans Bu	*i Bluegrass Tons	*i Tall Grasses Tons	*i Water-Holding Inch	CSR2**	CSR	*n No O
51	Vesser silt loam, 0 to 2 percent slopes, occasionally flooded	20.11	37.8%		> 6.5ft.	Poorly drained	Ilw	198.4	4.2	57.5	3.6	6.0	12.0	75	71	
1715	Nodaway-Lawson-Ackmore silt loams, 0 to 2 percent slopes	8.83	16.6%		> 6.5ft.	Somewhat poorly drained	Illw	203.2	4.3	58.9	3.7	6.1	10.9	78	80	
587	Chequest silty clay loam, 0 to 2 percent slopes, occasionally flooded	6.91	13.0%		> 6.5ft.	Poorly drained	Ilw	164.8	3.5	47.8	3.0	4.9	10.0	62	65	
269	Humeston silt loam, 0 to 2 percent slopes, occasionally flooded	5.32	10.0%		> 6.5ft.	Poorly drained	Illw	80.0	1.7	23.2	1.4	2.4	10.1	70	58	

Soils data provided by USDA and NRCS.

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Restrictive Layer	Soil Drainage	Non-Irr Class *c	*i Corn Bu	*i Alfalfa Tons	*i Soybeans Bu	*i Bluegrass Tons	*i Tall Grasses Tons	*i Water-Holding Inch	CSR2**	CSR	*n No
430	Ackmore silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	4.44	8.4%		> 6.5ft.	Somewhat poorly drained	IIw	203.2	4.3	58.9	3.7	6.1	12.2	77	83	
832C2	Weller silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	1.58	3.0%		> 6.5ft.	Moderately well drained	IVe	80.0	2.2	23.2	1.4	2.4	10.6	61	30	
W	Water	1.55	2.9%		> 6.5ft.			0.0	0.0	0.0	0.0	0.0	0.0	0	0	
94E2	Caleb-Mystic complex, 14 to 18 percent slopes, moderately eroded	1.44	2.7%		> 6.5ft.	Moderately well drained	VIe	99.2	2.6	28.8	1.8	3.0	9.7	23	5	
831C2	Pershing silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	1.15	2.2%		> 6.5ft.	Somewhat poorly drained	IIle	80.0	2.1	23.2	1.4	2.4	11.8	64	40	
520B	Coppock silt loam, 2 to 5 percent slopes, rarely flooded	0.99	1.9%		> 6.5ft.	Poorly drained	IIw	198.4	4.2	57.5	3.6	6.0	11.5	80	60	
592D2	Mystic silt loam, 9 to 14 percent slopes, moderately eroded	0.71	1.3%		> 6.5ft.	Somewhat poorly drained	IVe	88.0	2.3	25.5	1.6	2.6	10.5	10	5	
54+	Zook silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded, overwash	0.12	0.2%		> 6.5ft.	Poorly drained	IIw	190.4	4.0	55.2	3.4	5.7	9.4	68	75	
Weighted Average							*-	167.3	3.6	48.5	3	5	10.9	68.4	64.6	*

**IA has updated the CSR values for each county to CSR2.

*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

*- Non Irr Class weighted average cannot be calculated on the current soils data due to missing data.