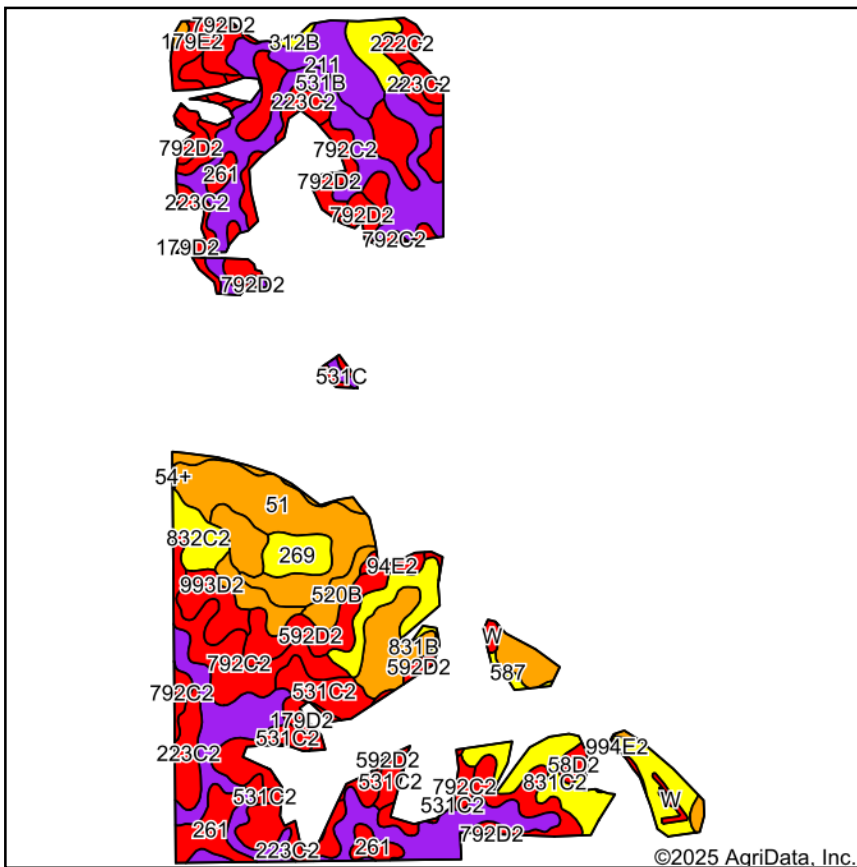
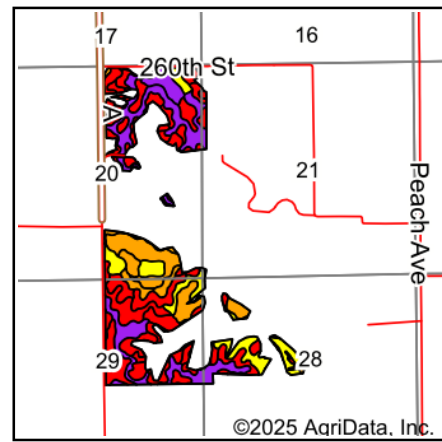


# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Davis**  
 Location: **21-68N-13W**  
 Township: **Grove**  
 Acres: **298.05**  
 Date: **3/16/2025**



Maps Provided By:  
**surety**  
 CUSTOMIZED ONLINE MAPPING  
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Area Symbol: IA051, Soil Area Version: 31

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Brome grass alfalfa AUM	Brome grass alfalfa hay Tons	Corn Bu	Kentucky bluegrass AUM	Oats Bu	Smooth brome grass AUM	Soybeans Bu	*n NCCF Over
531B	Kniffin silt loam, 2 to 5 percent slopes	60.44	20.4%		Ille	55	54								
223C2	Rinda silty clay loam, 5 to 9 percent slopes, moderately eroded	30.59	10.4%		IVw	45	22								
792C2	Armstrong loam, 5 to 9 percent slopes, moderately eroded	23.24	7.9%		Ille	31	27								
51	Vesser silt loam, 0 to 2 percent slopes, occasionally flooded	23.05	7.8%		Ilw	75	71								
261	Appanoose silt loam, 0 to 2 percent slopes	19.76	6.7%		Illw	41	54								

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Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Bromegrass alfalfa AUM	Bromegrass alfalfa hay Tons	Corn Bu	Kentucky bluegrass AUM	Oats Bu	Smooth bromegrass AUM	Soybeans Bu	*n NCCF Over
531C2	Kniffin silty clay loam, 5 to 9 percent slopes, moderately eroded	17.22	5.8%		IIle	48	31								
831C2	Pershing silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	16.65	5.6%		IIle	64	40								
592D2	Mystic silt loam, 9 to 14 percent slopes, moderately eroded	10.35	3.5%		IVe	10	5								
792D2	Armstrong loam, 9 to 14 percent slopes, moderately eroded	9.82	3.3%		IVe	9	13								
211	Edina silt loam, 0 to 1 percent slopes	9.30	3.1%		IIIw	59	60								
831B	Pershing silt loam, terrace, 2 to 5 percent slopes	8.92	3.0%		IIle	71	65								
587	Chequest silty clay loam, 0 to 2 percent slopes, occasionally flooded	7.48	2.5%		IIw	62	65								
1715	Nodaway-Lawson-Ackmore silt loams, 0 to 2 percent slopes	7.12	2.4%		IIIw	78	80								
179E2	Gara loam, 14 to 18 percent slopes, moderately eroded	5.84	2.0%		VIe	24	33								
993D2	Gara-Armstrong loams, 9 to 14 percent slopes, moderately eroded	5.78	1.9%		IVe	35	20								

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Bromegrass alfalfa AUM	Bromegrass alfalfa hay Tons	Corn Bu	Kentucky bluegrass AUM	Oats Bu	Smooth bromegrass AUM	Soybeans Bu	*n NCCI Over:
312B	Seymour silt loam, 2 to 5 percent slopes	5.53	1.9%		IIIe	64	60								
832C2	Weller silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	5.43	1.8%		IVe	61	30								
269	Humeston silt loam, 0 to 2 percent slopes, occasionally flooded	5.32	1.8%		IIIw	70	58								
430	Ackmore silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	4.53	1.5%		IIw	77	83								
56B	Cantril loam, 2 to 5 percent slopes	4.07	1.4%		Ile	79	67								
179D2	Gara loam, 9 to 14 percent slopes, moderately eroded	3.78	1.3%		IVe	44	43								
520B	Coppock silt loam, 2 to 5 percent slopes, rarely flooded	3.46	1.2%		IIw	80	60								
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	3.29	1.1%		IVw	28	25								
58D2	Douds loam, heavy loess, 9 to 14 percent slopes, moderately eroded	1.72	0.6%		IVe	44	28								
W	Water	1.62	0.5%			0	0								
13B	Olmitz-Vesser-Zook complex, 0 to 5 percent slopes	1.38	0.5%		IIw	74	60	4	2	59	1	24	2	16	

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Bromegrass alfalfa AUM	Bromegrass alfalfa hay Tons	Corn Bu	Kentucky bluegrass AUM	Oats Bu	Smooth bromegrass AUM	Soybeans Bu	*n NCCI Over
W	Water	1.64	0.6%			0	0								
531C	Kniffin silt loam, 5 to 9 percent slopes	0.68	0.2%		Ille	52	36								
13B	Olmitz-Vesser-Zook complex, 0 to 5 percent slopes	0.48	0.2%		Ilw	74	60	4	2	59	1	24	2	16	
994E2	Douds-Galland loams, 14 to 18 percent slopes, moderately eroded	0.11	0.0%		Vle	22	5								
54+	Zook silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded, overwash	0.10	0.0%		Ilw	68	75								
Weighted Average					*-	51	44.4	*-	*-	0.1	*-	*-	*-	*-	*n 7

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





