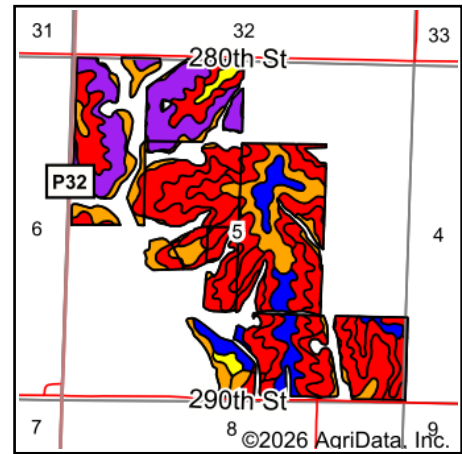
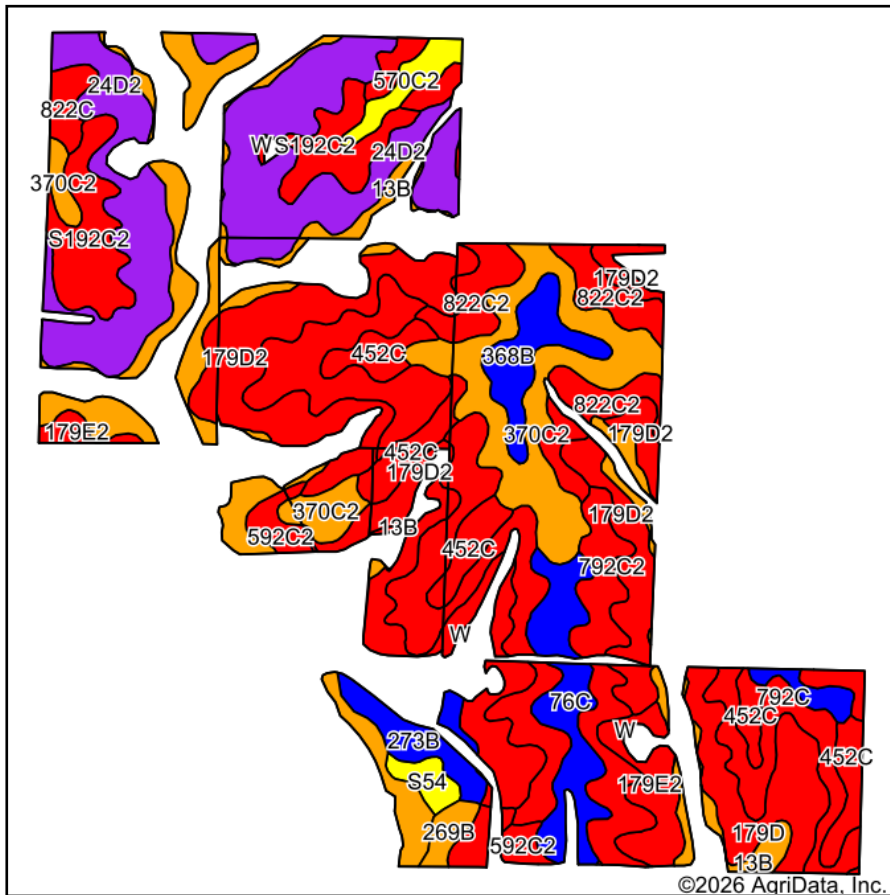


# Soils Map



State: **Iowa**  
 County: **Ringgold**  
 Location: **5-67N-30W**  
 Township: **Middle Fork**  
 Acres: **293.15**  
 Date: **4/27/2026**



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

Area Symbol: IA159, Soil Area Version: 31

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Restrictive Layer	Soil Drainage	Non-Irr Class *c	CSR2**	CSR
179D2	Gara loam, 9 to 14 percent slopes, moderately eroded	45.15	15.5%		> 6.5ft.	Well drained	Ive	38	43
24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	42.28	14.4%		> 6.5ft.	Well drained	IIle	51	48
792C2	Armstrong clay loam, 5 to 9 percent slopes, moderately eroded	40.29	13.7%		> 6.5ft.	Somewhat poorly drained	IIle	24	27
13B	Olmitz-Zook-Humeston complex, 0 to 5 percent slopes	28.68	9.8%		> 6.5ft.	Poorly drained	IIw	78	59
370C2	Sharpsburg silty clay loam, 5 to 9 percent slopes, eroded	24.17	8.2%		> 6.5ft.	Moderately well drained	IIle	80	67
822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	16.21	5.5%		> 6.5ft.	Somewhat poorly drained	IIle	31	30
S192C2	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	14.75	5.0%		> 6.5ft.	Somewhat poorly drained	IIle	29	
452C	Lineville silt loam, 5 to 9 percent slopes	14.09	4.8%		> 6.5ft.	Somewhat poorly drained	IIle	48	36
76C	Ladoga silt loam, 5 to 9 percent slopes	12.62	4.3%		> 6.5ft.	Moderately well drained	IIle	81	67
179D	Gara loam, 9 to 14 percent slopes	10.97	3.7%		> 6.5ft.	Well drained	Ive	42	45
792C	Armstrong loam, 5 to 9 percent slopes	10.01	3.4%		1.5ft. (Abrupt textural change)	Somewhat poorly drained	IIle	35	31
179E2	Gara loam, 14 to 18 percent slopes, moderately eroded	7.28	2.5%		> 6.5ft.	Well drained	VIe	24	33
368B	Macksburg silty clay loam, 2 to 5 percent slopes	6.45	2.2%		> 6.5ft.	Somewhat poorly drained	Ile	89	90

Soils data provided by USDA and NRCS.



Code	Soil Description	Acres	Percent of field	CSR2 Legend	Restrictive Layer	Soil Drainage	Non-Irr Class *c	CSR2**	CSR
273B	Olmitz loam, heavy till, 2 to 5 percent slopes	5.20	1.8%		> 6.5ft.	Moderately well drained	Ile	81	72
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	3.69	1.3%		> 6.5ft.	Somewhat poorly drained	IIle	31	20
570C2	Nira silty clay loam, 5 to 9 percent slopes, moderately eroded	3.10	1.1%		> 6.5ft.	Moderately well drained	IIle	68	64
822C	Lamoni silty clay loam, 5 to 9 percent slopes	2.36	0.8%		> 6.5ft.	Somewhat poorly drained	IIle	39	35
S54	Zook silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded	2.07	0.7%		> 6.5ft.	Poorly drained	IIw	68	
269B	Humeston silty clay loam, 2 to 5 percent slopes, rarely flooded	1.84	0.6%		> 6.5ft.	Poorly drained	IIIw	71	53
592D2	Mystic clay loam, 9 to 14 percent slopes, moderately eroded	1.68	0.6%		> 6.5ft.	Somewhat poorly drained	IVe	10	5
W	Water	0.26	0.1%		> 6.5ft.			0	0
<b>Weighted Average</b>							*-	<b>48.9</b>	*-

\*\*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.

\*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.