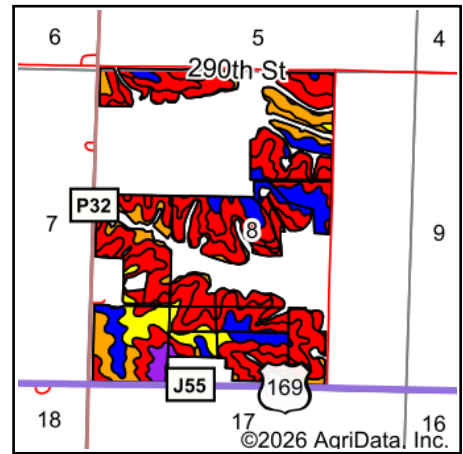
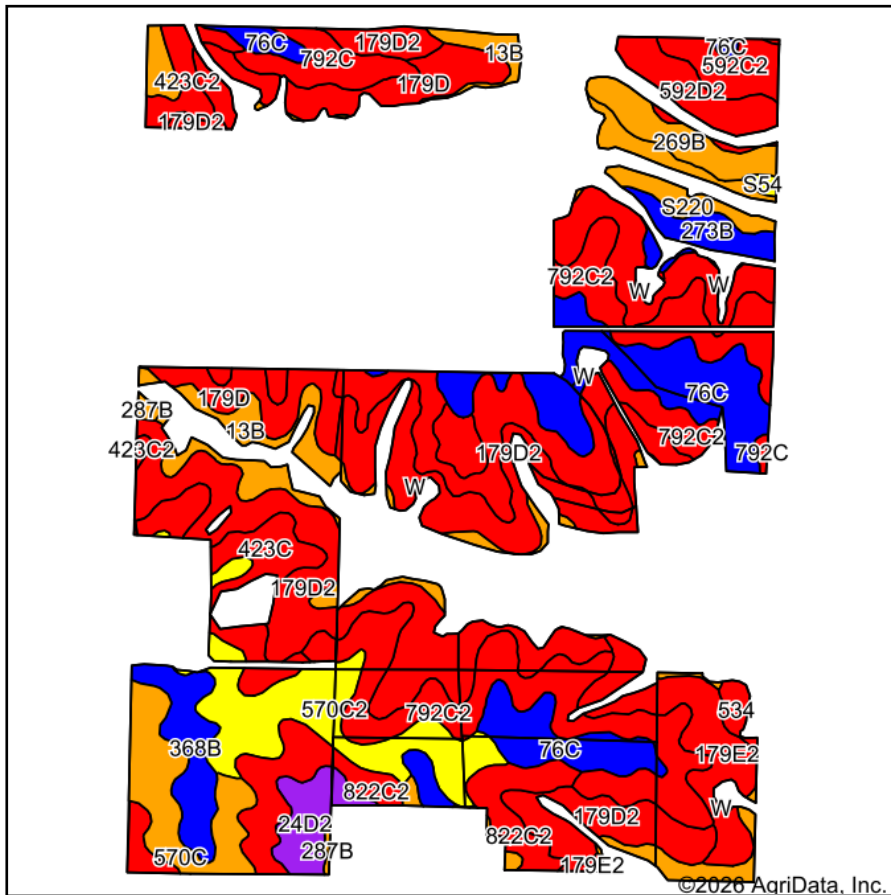


# Soils Map



State: **Iowa**  
 County: **Ringgold**  
 Location: **8-67N-30W**  
 Township: **Middle Fork**  
 Acres: **264.72**  
 Date: **4/27/2026**



Maps Provided By:  
  
 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	48.41	18.3%		> 6.5ft.	Well drained	IVe	38	43
792C2	Armstrong clay loam, 5 to 9 percent slopes, moderately eroded	46.51	17.6%		> 6.5ft.	Somewhat poorly drained	IIIe	24	27
76C	Ladoga silt loam, 5 to 9 percent slopes	24.45	9.2%		> 6.5ft.	Moderately well drained	IIIe	81	67
179E2	Gara loam, 14 to 18 percent slopes, moderately eroded	18.55	7.0%		> 6.5ft.	Well drained	VIe	24	33
570C2	Nira silty clay loam, 5 to 9 percent slopes, moderately eroded	15.80	6.0%		> 6.5ft.	Moderately well drained	IIIe	68	64
179D	Gara loam, 9 to 14 percent slopes	14.01	5.3%		> 6.5ft.	Well drained	IVe	42	45
822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	13.55	5.1%		> 6.5ft.	Somewhat poorly drained	IIIe	31	30
13B	Olmitz-Zook-Humeston complex, 0 to 5 percent slopes	13.48	5.1%		> 6.5ft.	Poorly drained	IIw	78	59
570C	Nira silty clay loam, 5 to 9 percent slopes	11.51	4.3%		> 6.5ft.	Moderately well drained	IIIe	72	69
423C	Bucknell silty clay loam, 5 to 9 percent slopes	8.23	3.1%		0.9ft. (Abrupt textural change)	Somewhat poorly drained	IIIe	36	31
368B	Macksburg silty clay loam, 2 to 5 percent slopes	7.65	2.9%		> 6.5ft.	Somewhat poorly drained	IIe	89	90
592D2	Mystic clay loam, 9 to 14 percent slopes, moderately eroded	5.59	2.1%		> 6.5ft.	Somewhat poorly drained	IVe	10	5
269B	Humeston silty clay loam, 2 to 5 percent slopes, rarely flooded	5.28	2.0%		> 6.5ft.	Poorly drained	IIIw	71	53

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	
S220	Nodaway silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	5.24	2.0%		> 6.5ft.	Moderately well drained	IIw	77		
792C	Armstrong loam, 5 to 9 percent slopes	5.12	1.9%		1.5ft. (Abrupt textural change)	Somewhat poorly drained	IIIe	35	31	
24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	4.70	1.8%		> 6.5ft.	Well drained	IIIe	51	48	
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	4.29	1.6%		> 6.5ft.	Somewhat poorly drained	IIIe	31	20	
273B	Olmitz loam, heavy till, 2 to 5 percent slopes	3.96	1.5%		> 6.5ft.	Moderately well drained	IIe	81	72	
423C2	Bucknell silty clay loam, 5 to 9 percent slopes, moderately eroded	3.61	1.4%		0.9ft. (Abrupt textural change)	Somewhat poorly drained	IIIe	34	29	
452C	Lineville silt loam, 5 to 9 percent slopes	2.21	0.8%		> 6.5ft.	Somewhat poorly drained	IIIe	48	36	
534	Carlow silty clay, 0 to 2 percent slopes	1.22	0.5%		> 6.5ft.	Poorly drained	IIIw	43	43	
287B	Zook-Ely silty clay loams, 0 to 5 percent slopes	0.78	0.3%		> 6.5ft.	Poorly drained	IIw	75	60	
S54	Zook silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded	0.44	0.2%		> 6.5ft.	Poorly drained	IIw	68		
W	Water	0.13	0.0%		> 6.5ft.			0	0	
<b>Weighted Average</b>								*-	<b>46.8</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.