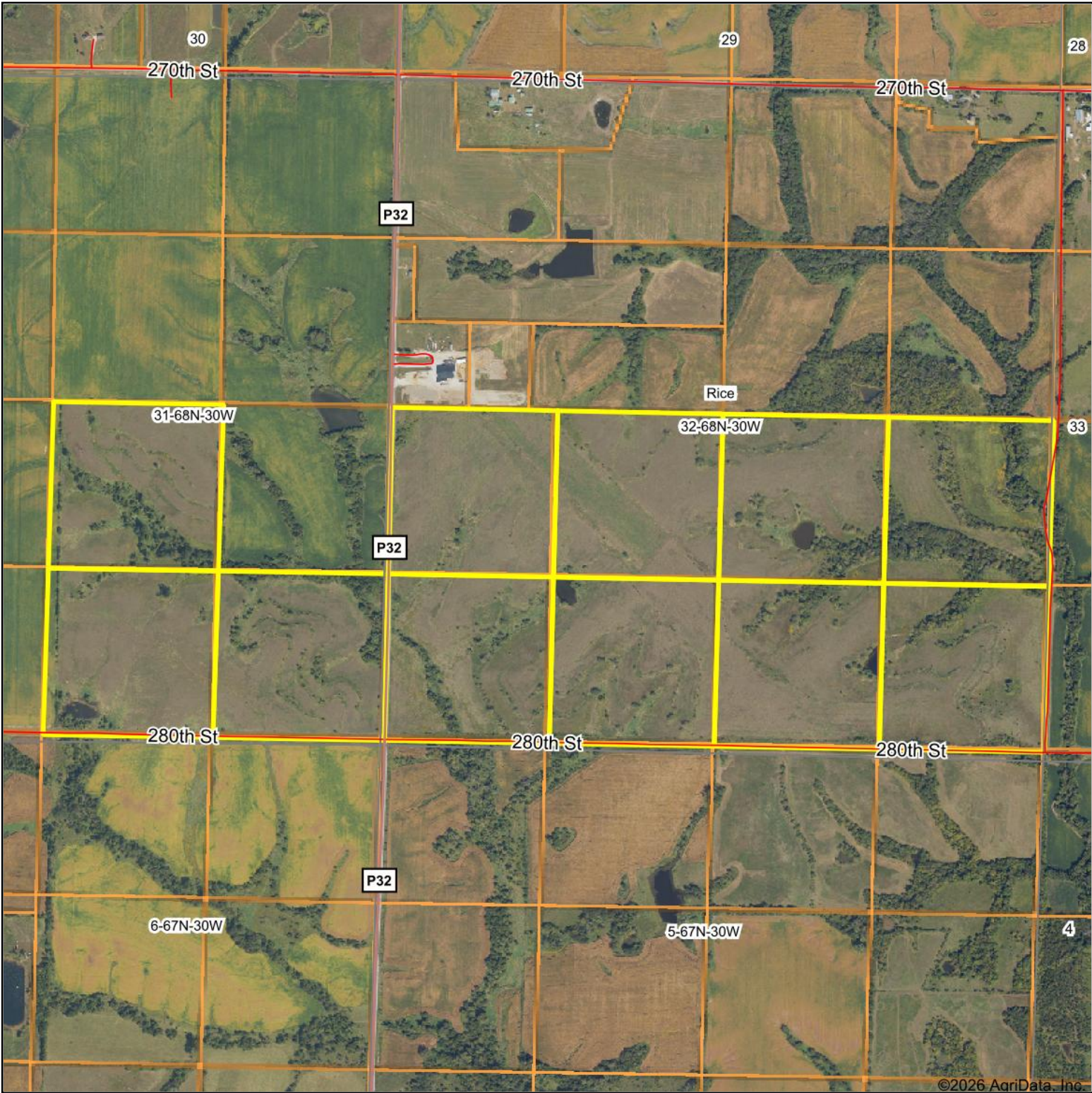
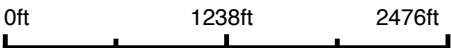


# Aerial Map



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Boundary Center: 40° 38' 33.87, -94° 19' 58.89



**32-68N-30W**  
**Ringgold County**  
**Iowa**



Maps Provided By:  
**surety**  
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4/3/2026

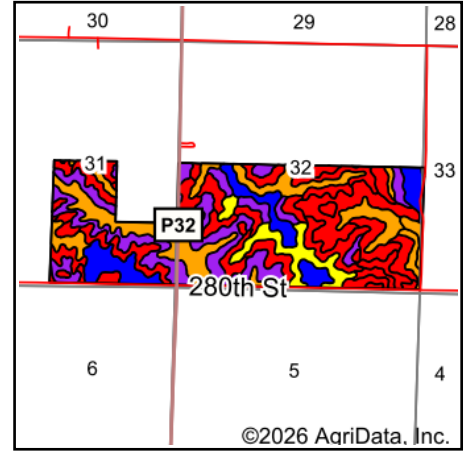
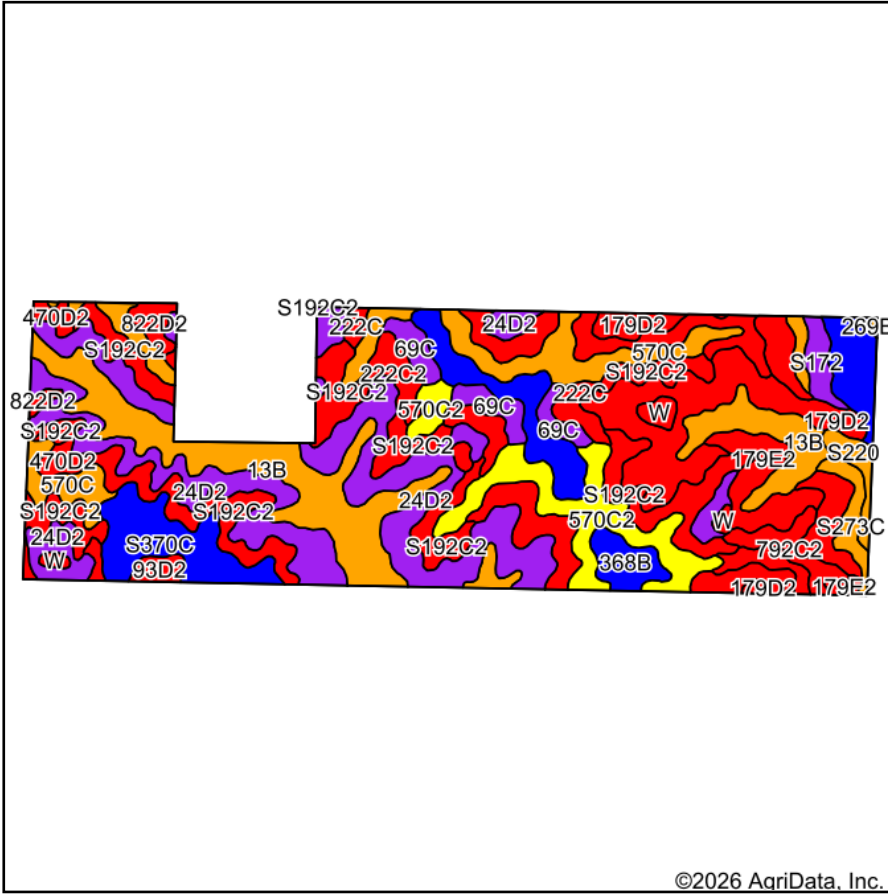
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# Soils Map



State: **Iowa**  
 County: **Ringgold**  
 Location: **32-68N-30W**  
 Township: **Rice**  
 Acres: **442**  
 Date: **4/6/2026**



Maps Provided By:



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	*i Corn Bu	*i Alfalfa Tons	*i Soybeans Bu	*i Bluegrass Tons	*i Tall Grasses Tons	*i Water-Holding Inch	CSR2**	CSR
24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	76.71	17.4%		> 6.5ft.	Well drained	Ille	168.0	4.7	48.7	3.0	5.0	10.2	51	48
S192C2	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	58.21	13.2%		> 6.5ft.	Somewhat poorly drained	Ille	0.0	0.0	0.0	0.0	0.0	0.0	29	
13B	Olmitz-Zook-Humeston complex, 0 to 5 percent slopes	53.80	12.2%		> 6.5ft.	Poorly drained	Ilw	80.0	1.7	23.2	1.4	2.4	11.7	78	59
179D2	Gara loam, 9 to 14 percent slopes, moderately eroded	33.62	7.6%		> 6.5ft.	Well drained	IVe	163.2	4.6	47.3	2.9	4.9	10.7	38	43
570C	Nira silty clay loam, 5 to 9 percent slopes	29.45	6.7%		> 6.5ft.	Moderately well drained	Ille	192.0	5.4	55.7	3.5	5.8	11.7	72	69

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
570C2	Nira silty clay loam, 5 to 9 percent slopes, moderately eroded	26.12	5.9%		> 6.5ft.	Moderately well drained	IIle	187.2	5.2	54.3	3.4	5.6	11.7	68	64
368B	Macksburg silty clay loam, 2 to 5 percent slopes	20.70	4.7%		> 6.5ft.	Somewhat poorly drained	Ile	222.4	5.8	64.5	4.0	6.7	11.9	89	90
S370C	Sharpsburg silty clay loam, loess hill, 5 to 9 percent slopes	18.31	4.1%		> 6.5ft.	Moderately well drained	IIle	0.0	0.0	0.0	0.0	0.0	0.0	84	
179E2	Gara loam, 14 to 18 percent slopes, moderately eroded	11.86	2.7%		> 6.5ft.	Well drained	Vle	139.2	3.9	40.4	2.5	4.2	10.7	24	33
69C	Clearfield silty clay loam, dissected till plain, 5 to 9 percent slopes	10.31	2.3%		> 6.5ft.	Poorly drained	IIIw	168.0	3.5	48.7	3.0	5.0	11.4	59	50
S192D2	Adair clay loam, heavy till, 9 to 14 percent slopes, moderately eroded	10.26	2.3%		> 6.5ft.	Somewhat poorly drained	IVe	0.0	0.0	0.0	0.0	0.0	0.0	9	
792C2	Armstrong clay loam, 5 to 9 percent slopes, moderately eroded	9.99	2.3%		> 6.5ft.	Somewhat poorly drained	IIle	123.2	3.4	35.7	2.2	3.7	9.2	24	27
212	Kennebec silt loam, 0 to 2 percent slopes	8.94	2.0%		> 6.5ft.	Moderately well drained	Iw	228.8	6.4	66.4	4.1	6.9	13.4	90	86
222C	Clarinda silty clay loam, 5 to 9 percent slopes	8.79	2.0%		0.9ft. (Abrupt textural change)	Poorly drained	IVw	145.6	3.1	42.2	2.6	4.4	9.3	31	30
822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	8.75	2.0%		> 6.5ft.	Somewhat poorly drained	IIle	129.6	3.4	37.6	2.3	3.9	9.5	31	30
179F2	Gara loam, 18 to 24 percent slopes, moderately eroded	6.99	1.6%		> 6.5ft.	Well drained	Vle	115.2	3.2	33.4	2.1	3.5	10.7	12	13

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
S273C	Olmitz loam, heavy till, 5 to 9 percent slopes	6.73	1.5%		> 6.5ft.	Moderately well drained	IIle	0.0	0.0	0.0	0.0	0.0	0.0	77	
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	5.33	1.2%		> 6.5ft.	Poorly drained	IVw	140.8	3.0	40.8	2.5	4.2	9.3	28	25
822D	Lamoni silty clay loam, 9 to 14 percent slopes	4.96	1.1%		> 6.5ft.	Somewhat poorly drained	IVe	105.6	2.7	30.6	1.9	3.2	9.5	14	20
S179F	Gara loam, 18 to 25 percent slopes	4.57	1.0%		> 6.5ft.	Well drained	Vle	0.0	0.0	0.0	0.0	0.0	0.0	19	
470D2	Lamoni-Shelby complex, 9 to 14 percent slopes, moderately eroded	4.52	1.0%		> 6.5ft.	Somewhat poorly drained	IVe	134.4	3.5	39.0	2.4	4.0	9.6	20	27
W	Water	4.42	1.0%		> 6.5ft.			0.0	0.0	0.0	0.0	0.0	0.0	0	0
822D2	Lamoni silty clay loam, 9 to 14 percent slopes, moderately eroded	4.26	1.0%		> 6.5ft.	Somewhat poorly drained	IVe	100.8	2.6	29.2	1.8	3.0	9.5	10	15
S172	Wabash silty clay, 0 to 2 percent slopes, occasionally flooded	4.08	0.9%		> 6.5ft.	Very poorly drained	IIIw							57	
S220	Nodaway silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	3.89	0.9%		> 6.5ft.	Moderately well drained	IIw	0.0	0.0	0.0	0.0	0.0	0.0	77	
452C	Lineville silt loam, 5 to 9 percent slopes	3.63	0.8%		> 6.5ft.	Somewhat poorly drained	IIle	80.0	2.1	23.2	1.4	2.4	10.8	48	36
93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	2.58	0.6%		> 6.5ft.	Well drained	IVe	139.2	3.9	40.4	2.5	4.2	9.8	32	25



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	
269B+	Humeston silt loam, 2 to 5 percent slopes, overwash, rarely flooded	0.22	0.0%		> 6.5ft.	Poorly drained	IIIw	80.0	1.7	23.2	1.4	2.4	10.1	71	58	
<b>Weighted Average</b>								*-	114.7	3.1	33.2	2.1	3.4	8.2	51.5	*-

\*\*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.

\*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.