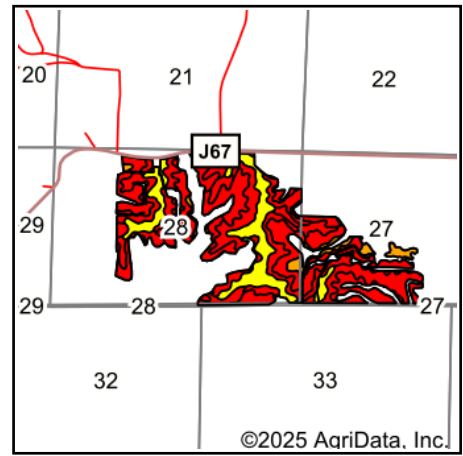
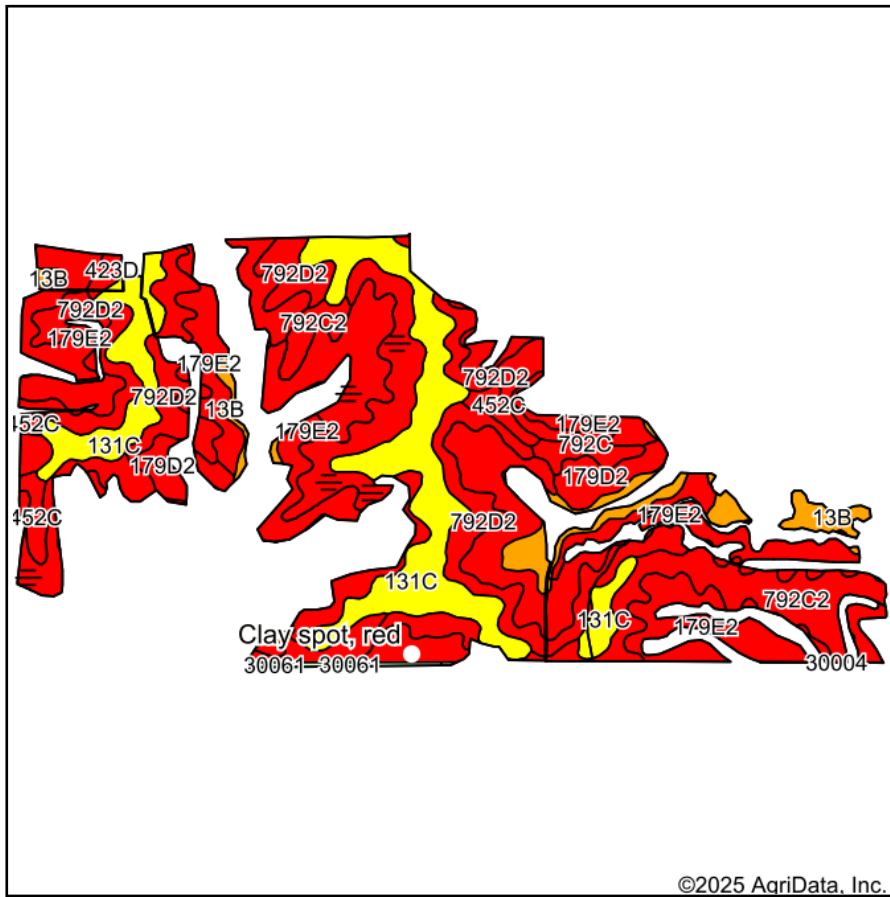


Soils Map



State: **Iowa**
 County: **Ringgold**
 Location: **28-67N-29W**
 Township: **Lotts Creek**
 Acres: **242.64**
 Date: **8/21/2025**

Maps Provided By:



Area Symbol: IA159, Soil Area Version: 30
 Area Symbol: MO081, Soil Area Version: 28

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 NC Over
179E2	Gara loam, 14 to 18 percent slopes, moderately eroded	66.74	27.7%		> 6.5ft.	Well drained	Vle	139.2	3.9	40.4	2.5	4.2	10.7	24	33	
792D2	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	59.89	24.7%		> 6.5ft.	Somewhat poorly drained	IVe	88.0	2.5	25.5	1.6	2.6	9.0	7	13	
131C	Pershing silt loam, 5 to 9 percent slopes	43.02	17.7%		> 6.5ft.	Somewhat poorly drained	IIle	80.0	2.1	23.2	1.4	2.4	11.8	65	49	
792C2	Armstrong clay loam, 5 to 9 percent slopes, moderately eroded	24.54	10.1%		> 6.5ft.	Somewhat poorly drained	IIle	123.2	3.4	35.7	2.2	3.7	9.2	24	27	

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Restrictive Layer	Soil Drainage	Non-Irr Class *c	*j Corn Bu	*i Alfalfa Tons	*j Soybeans Bu	*j Bluegrass Tons	*i Tall Grasses Tons	*i Water-Holding Inch	CSR2**	CSR	*n NC Over
179D2	Gara loam, 9 to 14 percent slopes, moderately eroded	23.71	9.8%		> 6.5ft.	Well drained	IVe	163.2	4.6	47.3	2.9	4.9	10.7	38	43	
13B	Olmitz-Zook-Humeston complex, 0 to 5 percent slopes	11.23	4.6%		> 6.5ft.	Poorly drained	IIw	80.0	1.7	23.2	1.4	2.4	11.7	78	59	
792C	Armstrong loam, 5 to 9 percent slopes	6.90	2.8%		1.5ft. (Abrupt textural change)	Somewhat poorly drained	IIle	128.0	3.6	37.1	2.3	3.8	9.2	35	31	
452C	Lineville silt loam, 5 to 9 percent slopes	4.48	1.8%		> 6.5ft.	Somewhat poorly drained	IIle	80.0	2.1	23.2	1.4	2.4	10.8	48	36	
423D	Bucknell silty clay loam, 9 to 14 percent slopes	1.04	0.4%		0.9ft. (Abrupt textural change)	Somewhat poorly drained	IVe	102.4	2.7	29.7	1.8	3.1	9.4	11	18	
30196	Shelby clay loam, 9 to 14 percent slopes, severely eroded	0.61	0.3%		> 6.5ft.	Well drained	IVe									
30061	Gara loam, 5 to 9 percent slopes	0.33	0.1%		> 6.5ft.	Moderately well drained	IIle									
30057	Gara loam, 14 to 18 percent slopes	0.09	0.0%		> 6.5ft.	Well drained	Vle									
30004	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	0.06	0.0%		> 6.5ft.	Somewhat poorly drained	IIle									
Weighted Average								4.13	111.9	3.1	32.4	2	3.4	10.3	31.5	*- *n

**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.

*n: The aggregation method is "Weighted Average using all components"

*c: Using Capabilities Class Dominant Condition Aggregation Method

	Symbol	Name	Description
	ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically .25 to 2 acres.

	Symbol	Name	Description
	CLR	Clay spot, red	An exposure of clay that formed in red truncated paleosol weathered from glacial till, surrounded by soils that are not clayey. Textures included would be clay and silty clay with clay contents greater than 40 percent. Typically .25 to 2 acres.