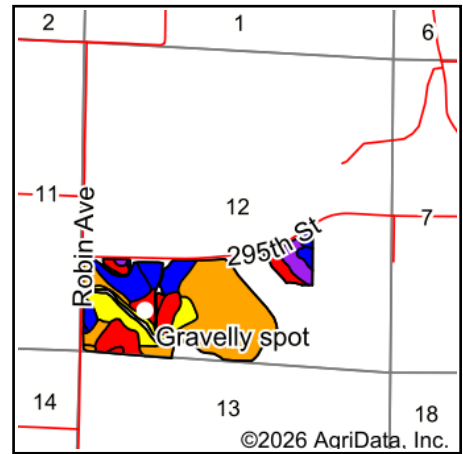
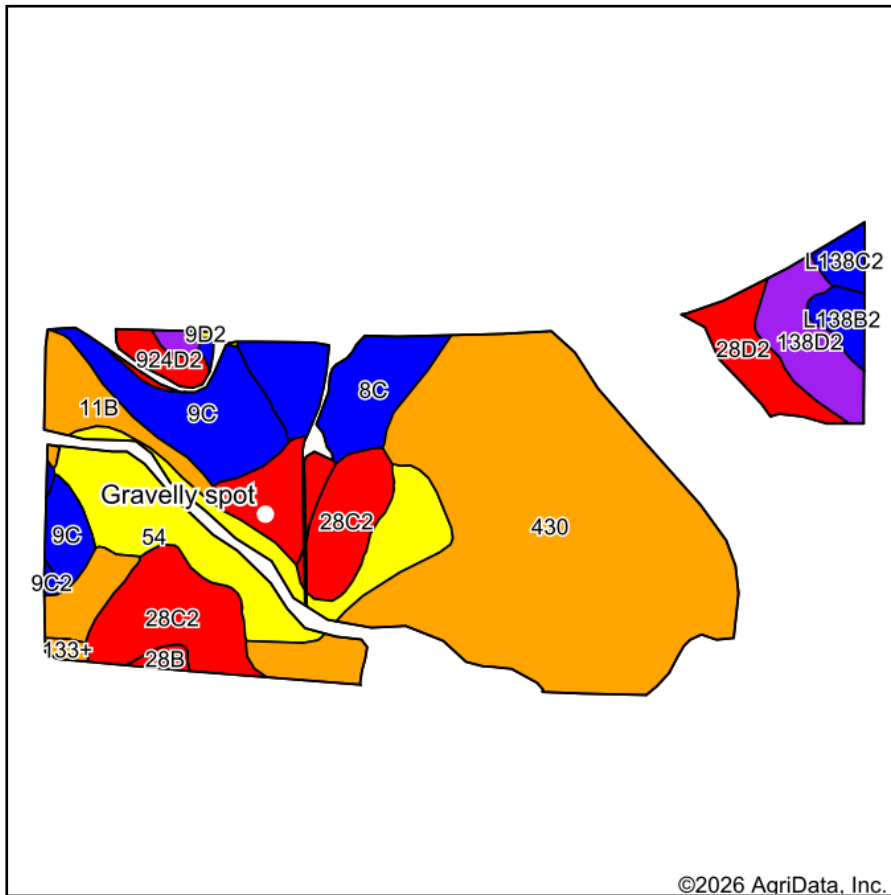


# Soils Map



State: **Iowa**  
 County: **Carroll**  
 Location: **12-82N-34W**  
 Township: **Newton**  
 Acres: **116.15**  
 Date: **4/24/2026**



Maps Provided By:



Soils data provided by USDA and NRCS.

Area Symbol: IA027, Soil Area Version: 31

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Restrictive Layer	Soil Drainage	Non-Irr Class *c	CSR2**	CSR
430	Ackmore silt loam, 0 to 2 percent slopes, occasionally flooded	48.73	41.9%		> 6.5ft.	Somewhat poorly drained	IIw	77	81
54	Zook silty clay loam, 0 to 2 percent slopes, occasionally flooded	13.91	12.0%		> 6.5ft.	Poorly drained	IIw	70	71
28C2	Dickman sandy loam, 5 to 9 percent slopes, moderately eroded	11.72	10.1%		> 6.5ft.	Well drained	IVe	17	22
9C	Marshall silty clay loam, 5 to 9 percent slopes	9.40	8.1%		> 6.5ft.	Well drained	IIIe	89	68
8C	Judson silty clay loam, deep loess, 5 to 9 percent slopes	7.73	6.7%		> 6.5ft.	Well drained	IIIe	87	67
11B	Colo-Judson silty clay loams, 0 to 5 percent slopes, occasionally flooded	6.19	5.3%		> 6.5ft.	Poorly drained	IIw	80	64
138D2	Clarion loam, 9 to 14 percent slopes, moderately eroded	4.77	4.1%		> 6.5ft.	Well drained	IIIe	52	54
28B	Dickman sandy loam, 2 to 6 percent slopes	4.40	3.8%		> 6.5ft.	Somewhat excessively drained	IIIe	20	
28D2	Dickman sandy loam, 9 to 14 percent slopes, moderately eroded	3.75	3.2%		> 6.5ft.	Well drained	IVe	10	12
924D2	Burchard-Adair clay loams, 9 to 14 percent slopes, moderately eroded	1.61	1.4%		1.1ft. (Abrupt textural change)	Well drained	IIIe	44	23
L138B2	Clarion loam, Bemis moraine, 2 to 6 percent slopes, moderately eroded	1.49	1.3%		> 6.5ft.	Well drained	Ile	85	
L138C2	Clarion loam, Bemis moraine, 6 to 10 percent slopes, moderately eroded	1.23	1.1%		> 6.5ft.	Well drained	IIIe	83	

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	
1C3	Ida silt loam, 5 to 9 percent slopes, severely eroded	0.50	0.4%		> 6.5ft.	Well drained	IIIe	58	49	
133+	Colo silt loam, deep loess, 0 to 2 percent slopes, overwash, occasionally flooded	0.43	0.4%		> 6.5ft.	Poorly drained	IIw	78	83	
9C2	Marshall silty clay loam, 5 to 9 percent slopes, eroded	0.29	0.2%		> 6.5ft.	Well drained	IIIe	87	66	
<b>Weighted Average</b>								<b>2.52</b>	<b>66.2</b>	<b>*-</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

Symbol	Name	Description
GRA	Gravelly spot	A spot where the surface layer has more than 35 percent, by volume, rock fragments that are mostly less than 3 inches in diameter in an area that has less than 15 percent rock fragments. Typically .5 to 2 acres in size.