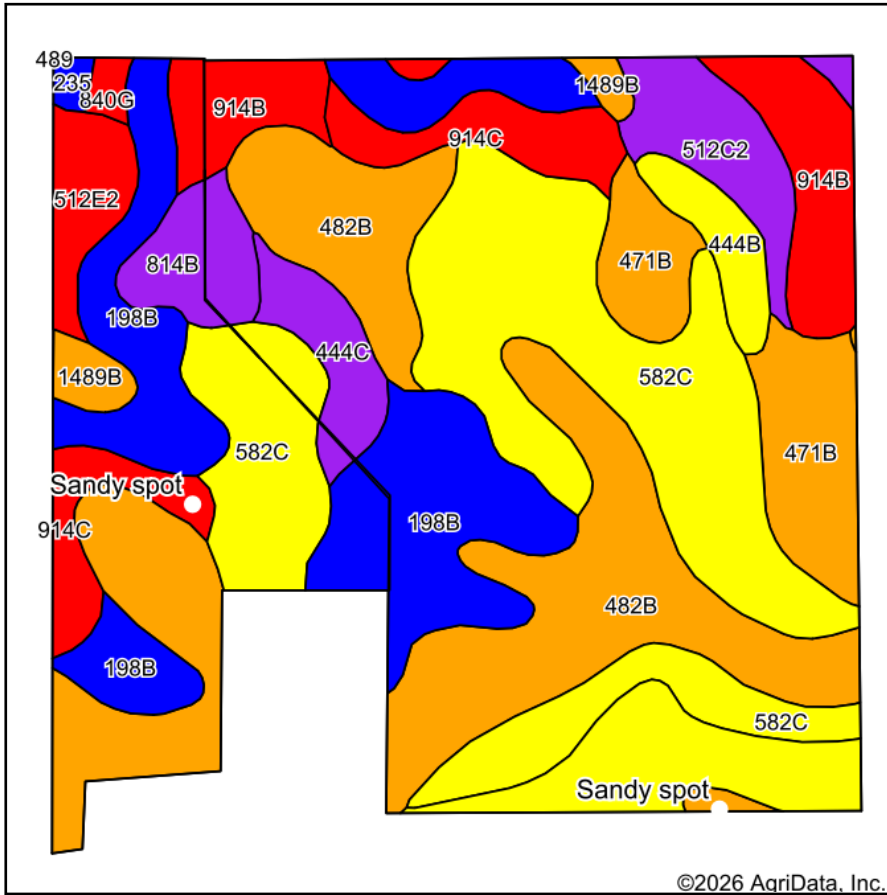
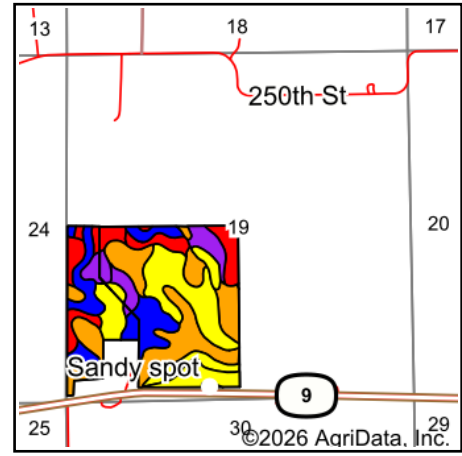


# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Winneshiek**  
 Location: **19-98N-9W**  
 Township: **Madison**  
 Acres: **139.45**  
 Date: **4/16/2026**



Maps Provided By:



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Area Symbol: IA191, Soil Area Version: 34

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
582C	Kasson loam, 5 to 9 percent slopes	33.51	23.9%		> 6.5ft.	Moderately well drained	Ille	201.6	5.6	58.5	3.6	6.0	11.1	69	64
482B	Racine loam, 2 to 5 percent slopes	31.89	22.9%		> 6.5ft.	Well drained	Ile	212.8	6.0	61.7	3.8	6.4	11.2	76	78
198B	Floyd loam, 1 to 4 percent slopes	22.04	15.8%		> 6.5ft.	Somewhat poorly drained	Ilw	222.4	5.8	64.5	4.0	6.7	10.8	89	78
444B	Jacwin loam, 2 to 5 percent slopes	9.45	6.8%		3.1ft. (Paralitric bedrock)	Somewhat poorly drained	Ile	80.0	2.1	23.2	1.4	2.4	6.6	62	58
471B	Oran loam, 2 to 5 percent slopes	8.90	6.4%		> 6.5ft.	Somewhat poorly drained	Iw	209.6	5.4	60.8	3.8	6.3	11.0	74	78
914B	Winneshiek loam, 2 to 5 percent slopes	8.64	6.2%		2.5ft. (Lithic bedrock)	Well drained	Ile	80.0	2.2	23.2	1.4	2.4	4.4	38	53
914C	Winneshiek loam, 5 to 9 percent slopes	6.84	4.9%		2.5ft. (Lithic bedrock)	Well drained	Ille	80.0	2.2	23.2	1.4	2.4	4.4	38	33

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	
512C2	Marlean loam, 5 to 9 percent slopes, moderately eroded	5.07	3.6%		> 6.5ft.	Well drained	IVe	179.2	5.0	52.0	3.2	5.4	8.0	52	20	
814B	Rockton loam, 2 to 5 percent slopes	3.60	2.6%		2.5ft. (Lithic bedrock)	Well drained	Ile	80.0	2.2	23.2	1.4	2.4	6.7	52	57	
444C	Jacwin loam, 5 to 9 percent slopes	3.44	2.5%		3.1ft. (Paralithic bedrock)	Somewhat poorly drained	IIle	80.0	2.1	23.2	1.4	2.4	6.6	56	38	
512E2	Marlean loam, 14 to 18 percent slopes, moderately eroded	3.05	2.2%		> 6.5ft.	Well drained	VIIe	140.8	3.9	40.8	2.5	4.2	8.0	16	5	
1489B	Lawson-Ossian complex, 0 to 4 percent slopes	1.76	1.3%		> 6.5ft.	Somewhat poorly drained	IIw	219.2	4.6	63.6	3.9	6.6	12.8	77	82	
840G	Lacrescent cobbly silty clay loam, 18 to 45 percent slopes	0.79	0.6%		> 6.5ft.	Well drained	VIIe	88.0	2.5	25.5	1.6	2.6	6.0	5	5	
235	Turlin-Coland complex, 0 to 3 percent slopes, occasionally flooded	0.47	0.3%		> 6.5ft.	Somewhat poorly drained	IIw	80.0	1.7	23.2	1.4	2.4	11.5	85	82	
<b>Weighted Average</b>								<b>2.46</b>	<b>177.1</b>	<b>4.8</b>	<b>51.4</b>	<b>3.2</b>	<b>5.3</b>	<b>9.6</b>	<b>67.4</b>	<b>63.9</b>

\*\*IA has updated the CSR values for each county to CSR2.

\*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

Symbol	Name	Description
SAN	Sandy spot	A spot where the surface layer is loamy fine sand or coarser in areas where the surface layer of the named soils in the surrounding map unit is very fine sandy loam or finer. Typically 0.25 to 2 acres.