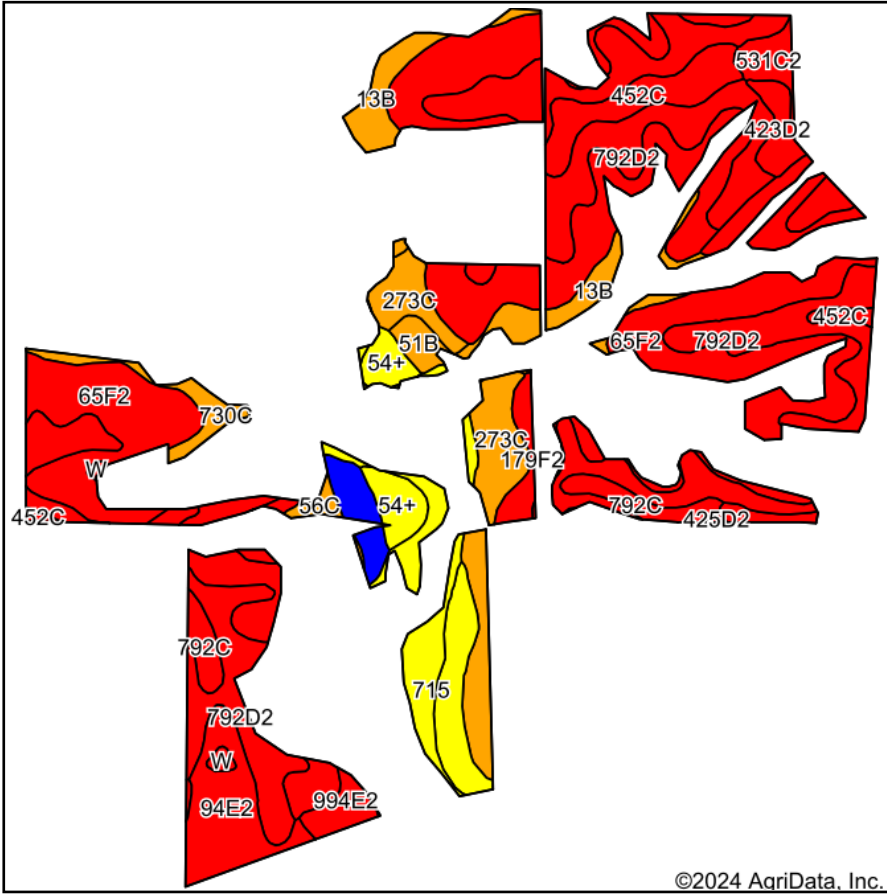
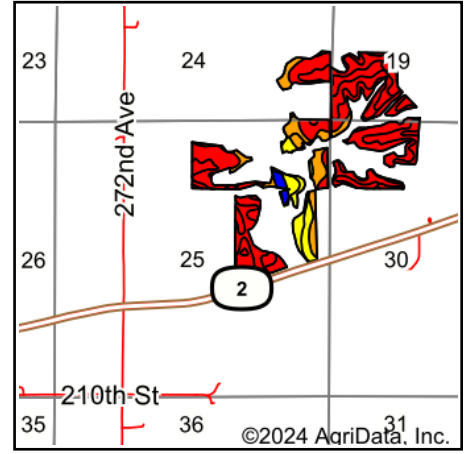


# Soils Map



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Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Decatur**  
 Location: **25-69N-25W**  
 Township: **Center**  
 Acres: **135.45**  
 Date: **3/12/2024**

Maps Provided By:



Area Symbol: IA053, Soil Area Version: 29

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Bromegrass alfalfa AUM	Bromegrass alfalfa hay Tons	Corn Bu	Kentucky bluegrass AUM	Oats Bu	Smooth bromegrass AUM	Soybeans Bu	*n NCCPI Overall
792D2	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	34.24	25.3%		IVe	7	13								58
65F2	Lindley clay loam, 18 to 25 percent slopes, moderately eroded	27.92	20.6%		VIIe	11	8								50
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	17.39	12.8%		VIe	23	33								62
273C	Olmitz loam, heavy till, 5 to 9 percent slopes	8.87	6.5%		IIIe	77	57								85

Soils data provided by USDA and NRCS.

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Bromegrass alfalfa AUM	Bromegrass alfalfa hay Tons	Corn Bu	Kentucky bluegrass AUM	Oats Bu	Smooth bromegrass AUM	Soybeans Bu	*n NCCPI Overall
94E2	Caleb-Mystic complex, 9 to 18 percent slopes, moderately eroded	5.99	4.4%		Vle	29	5								70
452C	Lineville silt loam, 5 to 9 percent slopes	5.89	4.3%		Ille	48	36								75
13B	Olmitz-Zook-Vesser complex, 0 to 5 percent slopes	5.79	4.3%		Ilw	76	55								79
715	Nodaway-Lawson-Klum complex, 0 to 3 percent slopes, occasionally flooded	5.14	3.8%		Ilw	68									87
54	Zook silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded	3.86	2.8%		Ilw	68	70								74
54+	Zook silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded, overwash	3.18	2.3%		Ilw	68	75								73
792C	Armstrong loam, 5 to 9 percent slopes	3.06	2.3%		Ille	35	31								65
423D2	Bucknell clay loam, 9 to 14 percent slopes, moderately eroded	2.72	2.0%		IVe	8	13								60
273B	Olmitz loam, heavy till, 2 to 5 percent slopes	2.10	1.6%		Ile	81	72	9	5	152	3	62	5	41	91

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	Bromegrass alfalfa AUM	Bromegrass alfalfa hay Tons	Corn Bu	Kentucky bluegrass AUM	Oats Bu	Smooth bromegrass AUM	Soybeans Bu	*n NCCPI Overall
994E2	Douds-Galland complex, 9 to 18 percent slopes, moderately eroded	1.91	1.4%		Vle	24	5								69
730C	Cantril-Coppock-Nodaway complex, 2 to 9 percent slopes	1.88	1.4%		llw	76	45								90
531C2	Kniffin silty clay loam, 5 to 9 percent slopes, moderately eroded	1.58	1.2%		llle	48	31								62
179F2	Gara clay loam, 18 to 25 percent slopes, moderately eroded	1.56	1.2%		IVe	11	13								52
51B	Vesser silt loam, 2 to 5 percent slopes, rarely flooded	1.15	0.8%		llw	75	65								93
56C	Cantril loam, 5 to 9 percent slopes	0.63	0.5%		llle	76	52								92
W	Water	0.42	0.3%			0	0								
592C	Mystic silt loam, 5 to 9 percent slopes	0.10	0.1%		llle	32	25								80
425D2	Keswick clay loam, 9 to 14 percent slopes, moderately eroded	0.07	0.1%		IVe	8	12								52
<b>Weighted Average</b>					*-	<b>30.1</b>	*-	<b>0.1</b>	<b>0.1</b>	<b>2.4</b>	*-	<b>1</b>	<b>0.1</b>	<b>0.6</b>	<b>*n 64.3</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.

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

\*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.