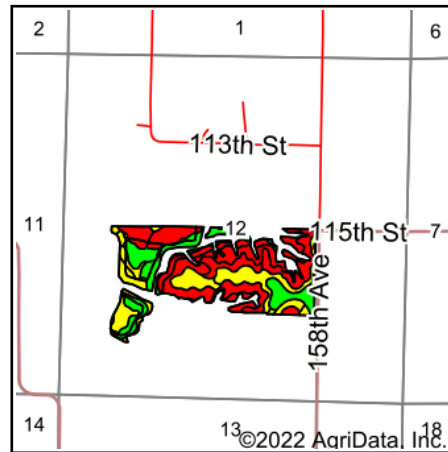
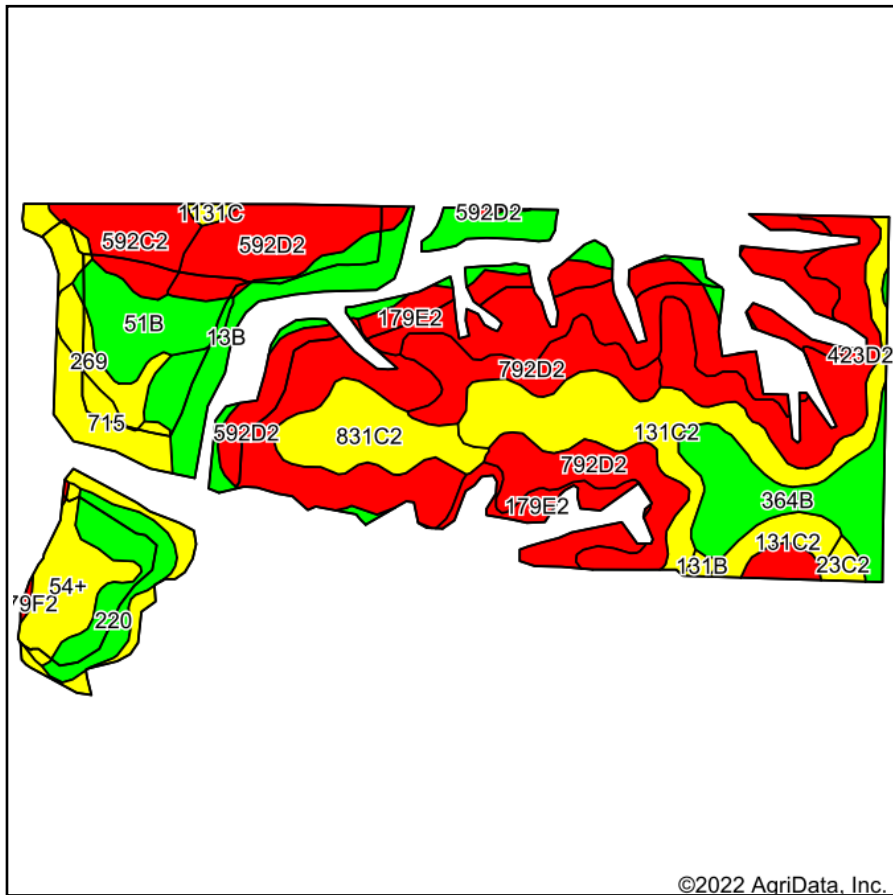


# Soils Map



State: **Iowa**  
 County: **Decatur**  
 Location: **12-70N-27W**  
 Township: **Richland**  
 Acres: **73.61**  
 Date: **9/12/2022**



Maps Provided By:



Soils data provided by USDA and NRCS.

Area Symbol: IA053, Soil Area Version: 27

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Small Grains	*n NCCPI Soybeans
592D2	Mystic clay loam, 9 to 14 percent slopes, moderately eroded	10.52	14.3%		IVe	10	5	69	69	62	51
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	10.22	13.9%		Vle	23	33	64	64	49	43
131C2	Pershing silty clay loam, 5 to 9 percent slopes, moderately eroded	8.45	11.5%		IIle	62	45	69	69	66	57
792D2	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	6.57	8.9%		IVe	7	13	60	60	50	42
13B	Olmitz-Zook-Vesser complex, 0 to 5 percent slopes	6.44	8.7%		IIw	76	55	80	77	55	74
423D2	Bucknell clay loam, 9 to 14 percent slopes, moderately eroded	5.22	7.1%		IVe	8	13	57	56	56	40
364B	Grundy silty clay loam, 2 to 5 percent slopes	4.64	6.3%		Ile	72	75	80	80	68	69
715	Nodaway-Lawson-Klum complex, 0 to 3 percent slopes, occasionally flooded	3.97	5.4%		IIw	68		89	86	66	86
831C2	Pershing silty clay loam, terrace, 5 to 9 percent slopes, moderately eroded	3.51	4.8%		IIle	64	40	70	70	66	58
51B	Vesser silt loam, 2 to 5 percent slopes, rarely flooded	2.99	4.1%		IIw	75	65	94	75	45	94
220	Nodaway silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	2.92	4.0%		IIw	77	87	89	89	78	85
54+	Zook silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded, overwash	2.63	3.6%		IIw	68	75	73	66	35	73
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	2.61	3.5%		IIle	31	20	72	72	65	54
269	Humeston silt loam, 0 to 2 percent slopes, occasionally flooded	1.35	1.8%		IIlw	70	58	89	89	66	79
423C2	Bucknell clay loam, 5 to 9 percent slopes, moderately eroded	0.66	0.9%		IIle	34	27	59	59	59	43



23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	0.40	0.5%		IIIe	62	50	74	74	67	69
1131C	Pershing silt loam, terrace, 5 to 9 percent slopes	0.22	0.3%		IIIe	67	45	75	73	74	69
131B	Pershing silt loam, 2 to 5 percent slopes	0.18	0.2%		IIIe	70	67	75	75	72	60
179F2	Gara clay loam, 18 to 25 percent slopes, moderately eroded	0.11	0.1%		IVe	11	13	54	54	34	35
<b>Weighted Average</b>					<b>3.40</b>	<b>42.8</b>	<b>*-</b>	<b>*n 71.8</b>	<b>*n 70.3</b>	<b>*n 58.5</b>	<b>*n 58.9</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

Soils data provided by USDA and NRCS.