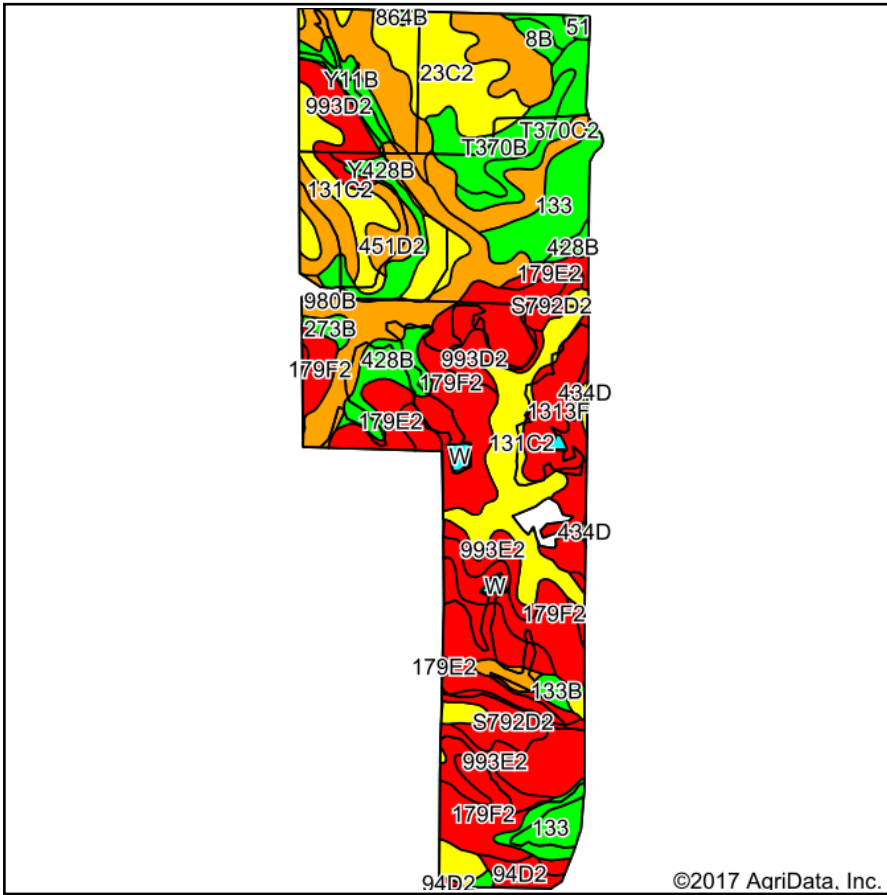
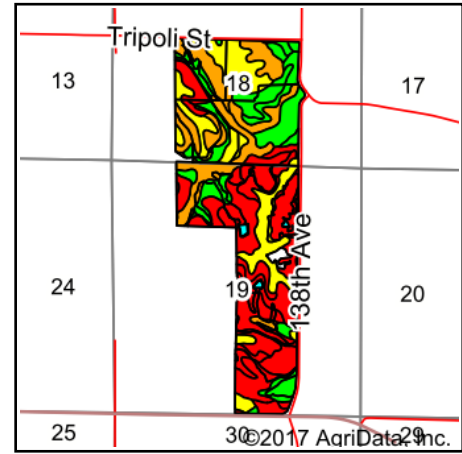


# Soils Map



Soils data provided by USDA and NRCS.

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State: **Iowa**  
 County: **Warren**  
 Location: **19-74N-23W**  
 Township: **Liberty**  
 Acres: **347.4**  
 Date: **9/25/2017**



## Area Symbol: IA181, Soil Area Version: 21

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	NCCPI Overall
179F2	Gara loam, 18 to 25 percent slopes, moderately eroded	58.93	17.0%		Vlle	17	13	51
131C2	Pershing silt loam, 5 to 9 percent slopes, moderately eroded	38.70	11.1%		Ille	62	50	58
1313F	Munterville silt loam, 18 to 35 percent slopes	28.22	8.1%		Vlle	5	5	15
980B	Gullied land-Ely-Colo complex, 2 to 5 percent slopes	25.41	7.3%		Vlle	42	25	5
Y93D2	Shelby-Adair clay loams, dissected till plain, 9 to 14 percent slopes, eroded	22.17	6.4%		Ille	41		60
451D2	Caleb loam, 9 to 14 percent slopes, moderately eroded	20.44	5.9%		IVe	47	38	71
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	20.38	5.9%		Ille	62	62	82
133	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	19.65	5.7%		Ilw	78	80	94
179E2	Gara loam, 14 to 18 percent slopes, moderately eroded	18.12	5.2%		Vle	33	33	64
993D2	Armstrong-Gara loams, 9 to 14 percent slopes, moderately eroded	12.56	3.6%		IVe	23	20	62
T370B	Sharpsburg silty clay loam, terrace, 2 to 5 percent slopes	11.29	3.2%		Ile	91	87	91
S792D2	Armstrong loam, 9 to 14 percent slopes, moderately eroded	10.95	3.2%		IVe	26		57
428B	Ely silty clay loam, 2 to 5 percent slopes	9.57	2.8%		Ile	87	88	95
993E2	Armstrong-Gara loams, 14 to 18 percent slopes, moderately eroded	9.07	2.6%		Vle	17	5	57
T370C2	Sharpsburg silty clay loam, terrace, 5 to 9 percent slopes, eroded	8.06	2.3%		Ille	79	67	71
Y428B	Ely silty clay loam, dissected till plain, 2 to 5 percent slopes	7.15	2.1%		Ile	88		96
Y11B	Colo, occasionally flooded-Ely silty clay loams, dissected till plain, 2 to 5 percent slopes	5.34	1.5%		Ilw	80		96
54	Zook silty clay loam, 0 to 2 percent slopes, occasionally flooded	5.07	1.5%		Ilw	67	70	71
94D2	Mystic-Caleb complex, 9 to 14 percent slopes, moderately eroded	3.65	1.1%		IVe	25	25	61
133B	Colo silty clay loam, dissected till plain, 2 to 5 percent slopes, occasionally flooded	3.47	1.0%		Ilw	74	75	96
8B	Judson silty clay loam, dissected till plain, 2 to 5 percent slopes	1.96	0.6%		Ile	93	82	90
273B	Olmitz loam, 2 to 5 percent slopes	1.79	0.5%		Ile	89	72	98
W	Water	1.74	0.5%			0	0	0
51	Vesser silt loam, 0 to 2 percent slopes	0.97	0.3%		Ilw	74	70	92



S54	Zook silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded	0.88	0.3%		Ilw	68		76
94E2	Mystic-Caleb complex, 14 to 18 percent slopes, moderately eroded	0.73	0.2%		Vle	19	10	56
T76C2	Ladoga silt loam, benches, 5 to 9 percent slopes, moderately eroded	0.50	0.1%		Ille	78	65	73
864B	Grundy silty clay loam, 2 to 5 percent slopes	0.32	0.1%		Ile	72	82	78
434D	Arbor loam, 9 to 14 percent slopes	0.31	0.1%		Ille	60	55	89
<b>Weighted Average</b>						<b>44.4</b>	<b>*-</b>	<b>58.8</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

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