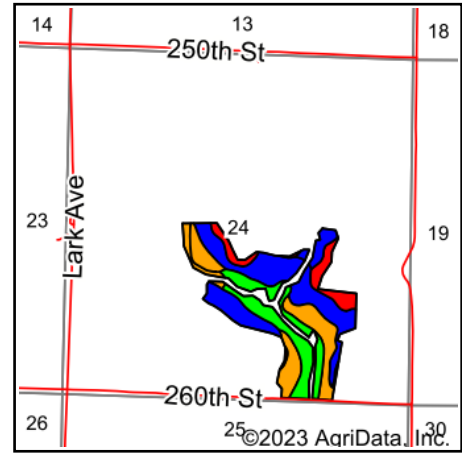
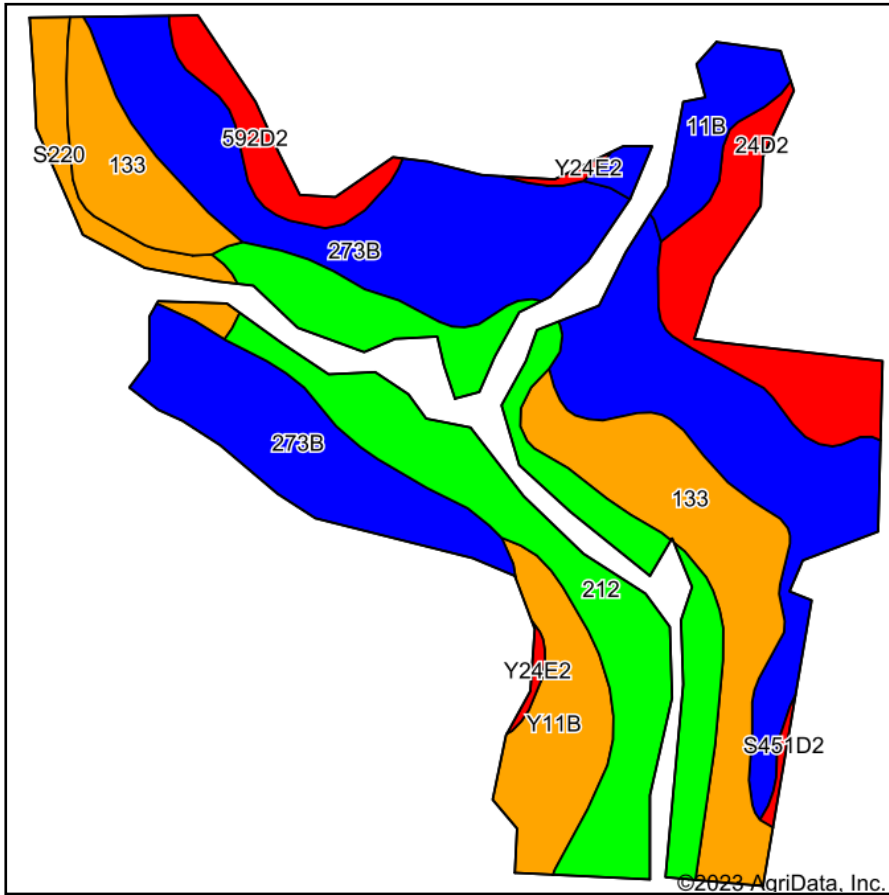


Soils Map



State: **Iowa**
 County: **Union**
 Location: **24-71N-30W**
 Township: **Grant**
 Acres: **75.1**
 Date: **9/21/2023**



Maps Provided By:
surety
 CUSTOMIZED ONLINE MAPPING
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Soils data provided by USDA and NRCS.

Area Symbol: IA175, Soil Area Version: 25

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	
273B	Olmitz loam, 2 to 5 percent slopes	28.37	37.8%	Blue	Ile	89	72	96	96	69	82	
212	Kennebec silt loam, 0 to 2 percent slopes	16.52	22.0%	Green	Iw	92	86	93	92	66	84	
133	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	12.18	16.2%	Orange	IIw	78	80	81	75	34	80	
24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	5.02	6.7%	Red	IIIe	46	48	75	75	56	55	
Y11B	Colo, occasionally flooded-Ely silty clay loams, dissected till plain, 2 to 5 percent slopes	4.88	6.5%	Orange	IIw	80		87	86	52	81	
11B	Colo-Ely silty clay loams, 2 to 5 percent slopes	2.90	3.9%	Blue	Ile	81	68	85	84	50	79	
592D2	Mystic silt loam, 9 to 14 percent slopes, moderately eroded	2.36	3.1%	Red	IVe	11	5	63	63	54	48	
S220	Nodaway silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	2.29	3.0%	Orange	IIw	77		86	86	76	83	
Y24E2	Shelby clay loam, dissected till plain, 14 to 18 percent slopes, eroded	0.38	0.5%	Red	IVe	35		67	67	50	47	
S451D2	Caleb loam, 9 to 14 percent slopes, moderately eroded	0.20	0.3%	Red	IVe	41		77	77	57	59	
Weighted Average						1.93	80.9	*	*n 89	*n 87.7	*n 59.6	*n 78.9

**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.