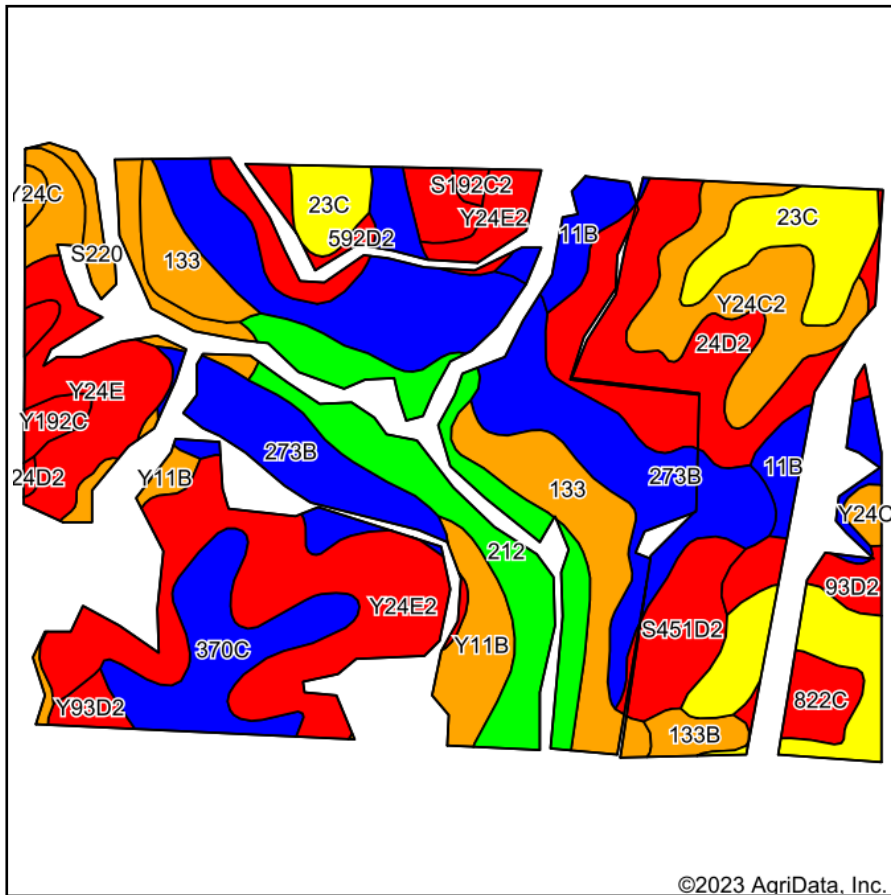
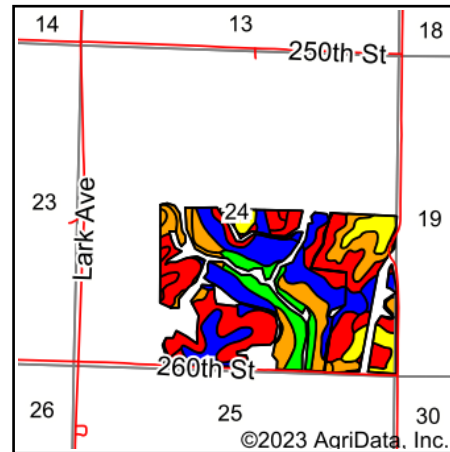


Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**
 County: **Union**
 Location: **24-71N-30W**
 Township: **Grant**
 Acres: **188.83**
 Date: **9/21/2023**



Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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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	35.01	18.5%		Ile	89	72	96	96	69	82
Y24E2	Shelby clay loam, dissected till plain, 14 to 18 percent slopes, eroded	22.52	11.9%		IVe	35		67	67	50	47
24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	17.40	9.2%		IIle	46	48	75	75	56	55
212	Kennebec silt loam, 0 to 2 percent slopes	16.52	8.7%		Iw	92	86	93	92	66	84
23C	Arispe silty clay loam, 5 to 9 percent slopes	16.41	8.7%		IIle	66	55	78	78	73	71
133	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	12.63	6.7%		IIw	78	80	81	75	34	80
Y24C2	Shelby clay loam, dissected till plain, 5 to 9 percent slopes, eroded	9.85	5.2%		IIle	73		76	76	58	56
370C	Sharpsburg silty clay loam, 5 to 9 percent slopes	9.31	4.9%		IIle	81	72	89	89	76	75
Y11B	Colo, occasionally flooded-Ely silty clay loams, dissected till plain, 2 to 5 percent slopes	8.79	4.7%		IIw	80		87	86	52	81
Y24E	Shelby loam, dissected till plain, 14 to 18 percent slopes	8.24	4.4%		IVe	41		73	73	55	54
11B	Colo-Ely silty clay loams, 2 to 5 percent slopes	5.99	3.2%		Ile	81	68	85	84	50	79
S451D2	Caleb loam, 9 to 14 percent slopes, moderately eroded	5.88	3.1%		IVe	41		77	77	57	59
S220	Nodaway silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	3.85	2.0%		IIw	77		86	86	76	83
592D2	Mystic silt loam, 9 to 14 percent slopes, moderately eroded	3.52	1.9%		IVe	11	5	63	63	54	48
93D2	Adair-Shelby clay loams, 9 to 14 percent slopes, moderately eroded	3.26	1.7%		IVe	32	25	75	75	56	54
822C	Lamoni silty clay loam, 5 to 9 percent slopes	2.79	1.5%		IIle	42	35	76	76	69	58
Y192C	Adair clay loam, dissected till plain, 5 to 9 percent slopes	1.83	1.0%		IIle	36		71	71	62	52
133B	Colo silty clay loam, dissected till plain, 2 to 5 percent slopes, occasionally flooded	1.76	0.9%		IIw	74	75	83	80	38	82



Y93D2	Shelby-Adair clay loams, dissected till plain, 9 to 14 percent slopes, eroded	1.31	0.7%		IIIe	35		68	68	55	50	
Y24C	Shelby loam, dissected till plain, 5 to 9 percent slopes	1.28	0.7%		IIIe	76		83	83	64	63	
S192C2	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	0.48	0.3%		IIIe	29		66	66	56	46	
Y24D2	Shelby clay loam, dissected till plain, 9 to 14 percent slopes, eroded	0.20	0.1%		IIIe	49		73	73	56	54	
Weighted Average						2.69	65.9	*-	*n 81.8	*n 81.2	*n 59.8	*n 68.4

**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

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