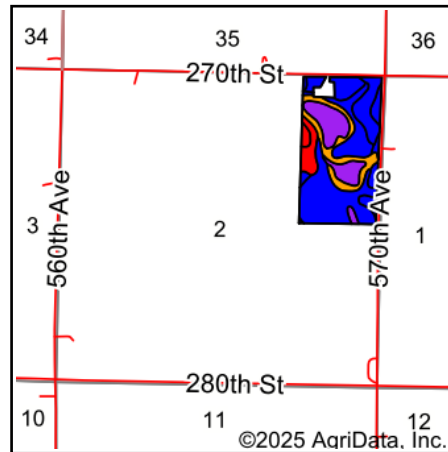
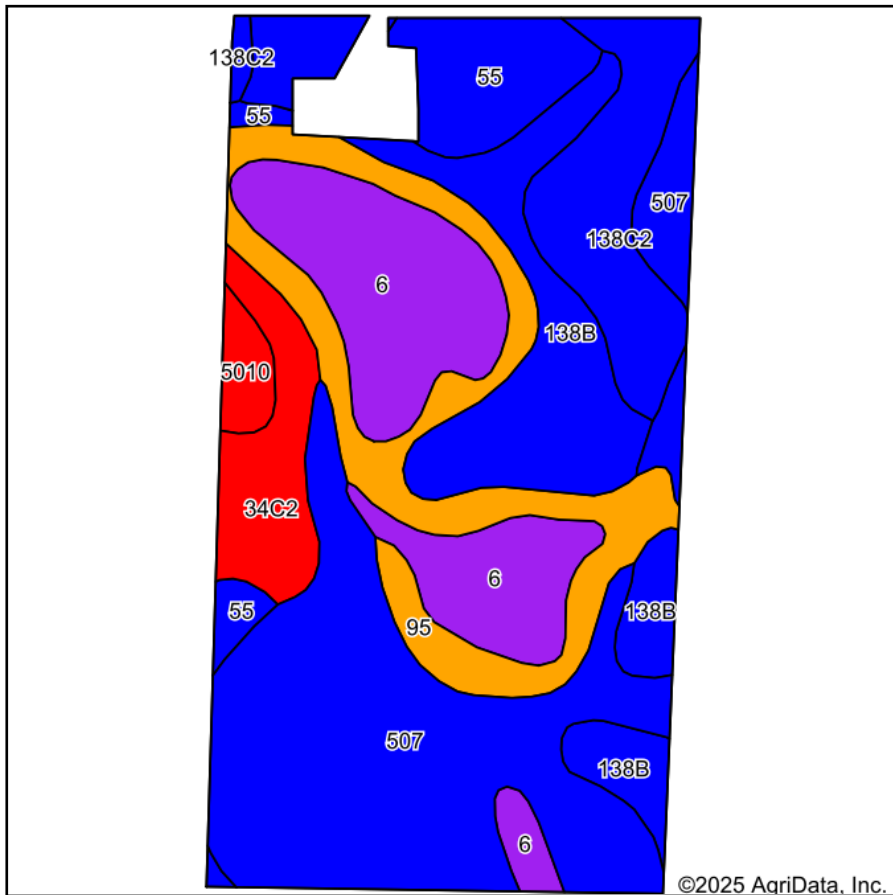


Soils Map



State: **Iowa**
 County: **Palo Alto**
 Location: **2-97N-31W**
 Township: **Independence**
 Acres: **68.14**
 Date: **2/20/2025**



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

Area Symbol: IA147, Soil Area Version: 31

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
507	Canisteo clay loam, 0 to 2 percent slopes	20.76	30.5%		IIw	84	74	81	71	69	81
6	Okoboji silty clay loam, 0 to 1 percent slopes	11.60	17.0%		IIIw	59	54	77	74	74	74
138B	Clarion loam, 2 to 6 percent slopes	11.32	16.6%		IIe	89	76	83	78	72	83
95	Harps clay loam, 0 to 2 percent slopes	8.93	13.1%		IIw	72	59	82	70	68	82
138C2	Clarion loam, 6 to 10 percent slopes, moderately eroded	6.24	9.2%		IIIe	83	58	70	68	62	70
55	Nicollet clay loam, 1 to 3 percent slopes	4.40	6.5%		Iw	89	84	81	81	74	81
34C2	Estherville sandy loam, 5 to 9 percent slopes, moderately erode	3.84	5.6%		IVe	10	5	45	43	45	25
5010	Pits, Sand, and Gravel	1.05	1.5%			0	0				
Weighted Average					*	73.8	63.1	*n 76.5	*n 70.2	*n 67.5	*n 74.9

**IA has updated the CSR values for each county to CSR2.

*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.

Soils data provided by USDA and NRCS.