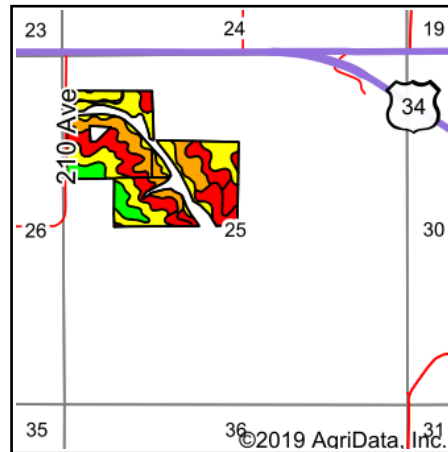
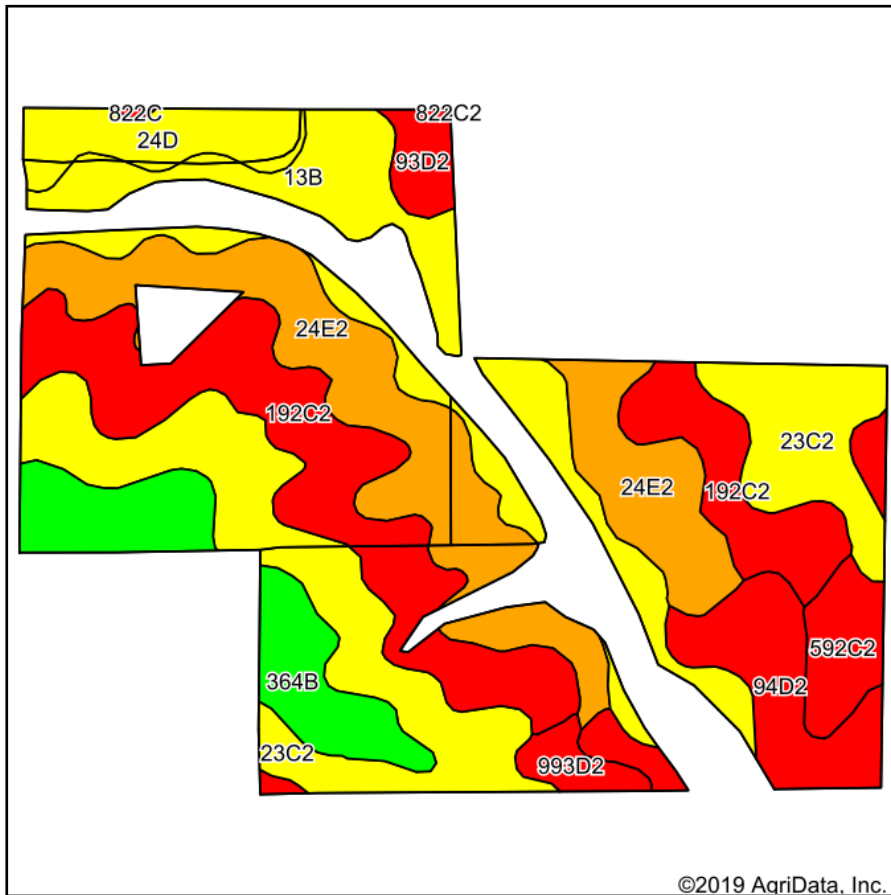


# Soils Map



State: **Iowa**  
 County: **Lucas**  
 Location: **25-72N-22W**  
 Township: **Whitebreast**  
 Acres: **76.59**  
 Date: **5/4/2020**



Maps Provided By:



Soils data provided by USDA and NRCS.

Area Symbol: IA117. Soil Area Version: 28										
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	*n NCCPI Overall	*n NCCPI Soybeans	
192C2	Adair clay loam, heavy till, 5 to 9 percent slopes, moderately eroded	15.39	20.1%		IIIe	29	30	60	44	
23C2	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	15.32	20.0%		IIIe	62	50	82	74	
24E2	Shelby clay loam, 14 to 18 percent slopes, moderately eroded	14.98	19.6%		IVe	40	38	59	47	
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	10.61	13.9%		IIw	68	53	80	71	
364B	Grundy silty clay loam, 2 to 5 percent slopes	6.37	8.3%		Ile	72	75	77	69	
94D2	Mystic-Caleb complex, 9 to 14 percent slopes, moderately eroded	4.52	5.9%		IVe	20	16	62	51	
24D	Shelby clay loam, 9 to 14 percent slopes	3.27	4.3%		IIIe	52	50	75	58	
592C2	Mystic clay loam, 5 to 9 percent slopes, moderately eroded	2.75	3.6%		IIIe	31	20	59	50	
93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	1.29	1.7%		IVe	32	35	62	47	
993D2	Gara-Armstrong complex, 9 to 14 percent slopes, moderately eroded	1.27	1.7%		IVe	32	31	58	42	
94E2	Mystic-caleb complex, 14 to 18 percent slopes, moderately eroded	0.76	1.0%		Vle	17	12	51	42	
822C	Lamoni silty clay loam, 5 to 9 percent slopes	0.06	0.1%		IIIe	39	35	73	56	
<b>Weighted Average</b>						<b>47.2</b>	<b>42.1</b>	<b>*n 69</b>	<b>*n 57.6</b>	

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

\*n: The aggregation method is "Weighted Average using major components"

\*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.