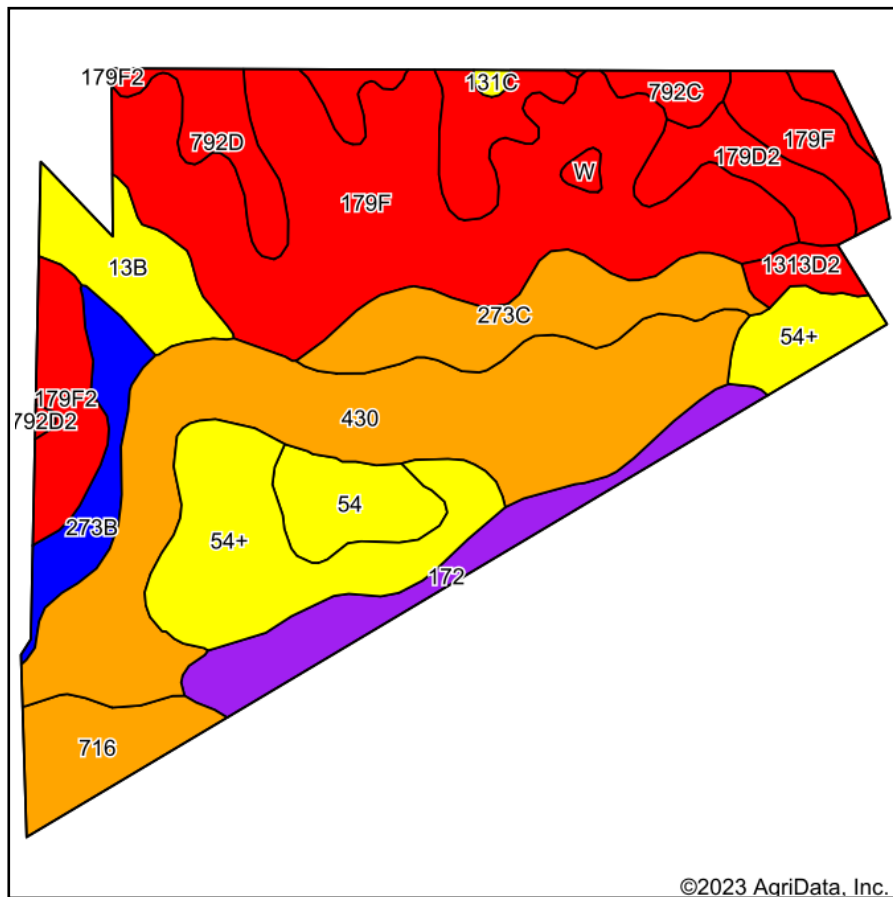
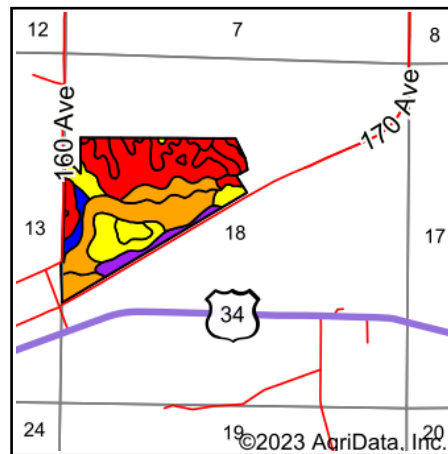


# Soils Map



Soils data provided by USDA and NRCS.



State: **Iowa**  
 County: **Lucas**  
 Location: **18-72N-22W**  
 Township: **Whitebreast**  
 Acres: **103.11**  
 Date: **4/14/2023**



Maps Provided By:  
  
 CUSTOMIZED ONLINE MAPPING  
 © AgriData, Inc. 2023 www.AgriDataInc.com



Area Symbol: IA117, Soil Area Version: 31

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	*i Corn Bu	*i Soybeans Bu	CSR2**	CSR	Brome grass alfalfa AUM	Brome grass alfalfa hay Tons	Corn Bu	Kentucky bluegrass AUM	Oats Bu	Smooth brome grass AUM	S
179F	Gara loam, 18 to 25 percent slopes	27.46	26.6%		Vle	120.0	34.8	19	15							
430	Ackmore silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded	21.26	20.6%		Ilw	203.2	58.9	77	83							
54+	Zook silt loam, heavy till, 0 to 2 percent slopes, occasionally flooded, overwash	11.66	11.3%		Ilw	164.8	47.8	68	70							
273C	Olmitz loam, heavy till, 5 to 9 percent slopes	6.79	6.6%		Ille	208.0	60.3	77	57							
792D	Armstrong loam, 9 to 14 percent slopes	6.24	6.1%		IVe	99.2	28.8	10	18							
172	Wabash silty clay, 0 to 2 percent slopes, occasionally flooded	5.42	5.3%		Illw	177.6	51.5	57	45							
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	4.08	4.0%		Ilw	200.0	58.0	68	53							

716	Lawson-Quiver-Nodaway complex, 0 to 2 percent slopes, occasionally flooded	3.78	3.7%		Ilw	80.0	23.2	78								
179F2	Gara clay loam, 18 to 25 percent slopes, moderately eroded	3.47	3.4%		IVe	115.2	33.4	11	13							
54	Zook silty clay loam, heavy till, 0 to 2 percent slopes, occasionally flooded	3.29	3.2%		Ilw	164.8	47.8	68	75							
273B	Olmitz loam, heavy till, 2 to 5 percent slopes	3.20	3.1%		Ile	224.0	65.0	81	72	9	5	152	3	62		5
179D2	Gara clay loam, 9 to 14 percent slopes, moderately eroded	2.99	2.9%		IVe	163.2	47.3	45	43							
1313D2	Munterville silty clay loam, 9 to 14 percent slopes, moderately eroded	1.73	1.7%		Vle	80.0	23.2	34	10							
792C	Armstrong loam, 5 to 9 percent slopes	1.13	1.1%		Ille	128.0	37.1	35	31							
W	Water	0.30	0.3%			0.0	0.0	0	0							
131C	Pershing silt loam, 5 to 9 percent slopes	0.19	0.2%		Ille	80.0	23.2	65	49							
792D2	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	0.12	0.1%		IVe	88.0	25.5	5	13							
<b>Weighted Average</b>					<b>*-</b>	<b>156.2</b>	<b>45.3</b>	<b>50.3</b>	<b>*-</b>	<b>0.3</b>	<b>0.2</b>	<b>4.7</b>	<b>0.1</b>	<b>1.9</b>	<b>0.2</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.

\*i Yield data provided by the ISPAID Database version 8.1.1 developed by IA State University.

\*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.