

AERIAL MAP





Center: 41.030810, -93.320993

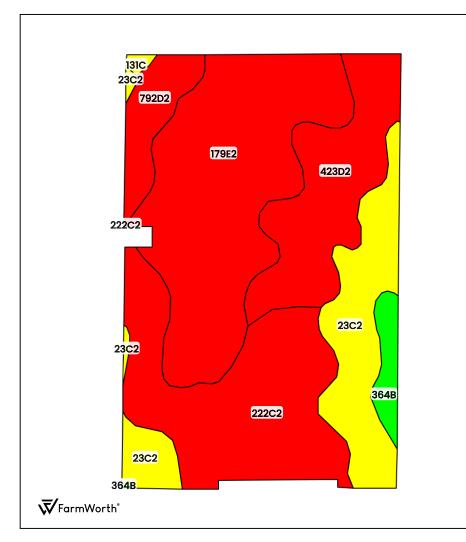
18-72N-21W
Chariton city Township
Lucas County, IA

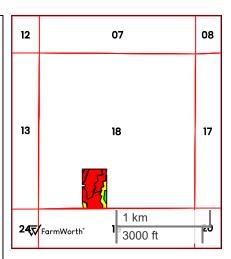
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TOTAL SOILS





County: Lucas County, IA
Location: 18-72N-21W
Township: Chariton city
Acres: 24.72

Date: 09/08/2025



Field borders obtained from Farm Service Agency as of 2008

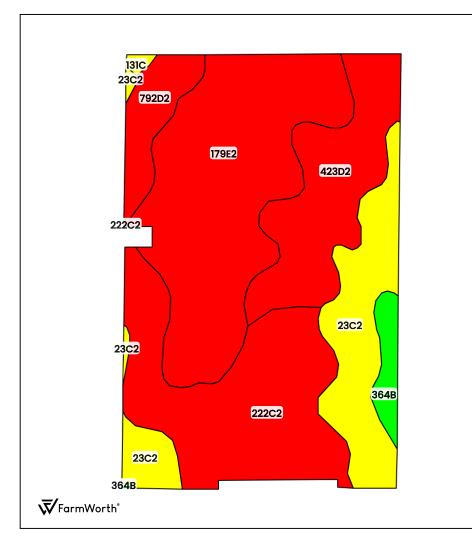
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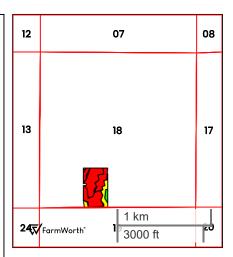
Code	Description	Acres	% of field	IA CSR2	Overall NCCPI	Soil Class (Irr)	Soil Class (Non-Irr)	Drainage Class
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	8.35	33.78 %	23	62	-	6	Well drained
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded			28	52	-	4	Poorly drained
423D2	Bucknell silty clay loam, 9 to 14 percent slopes, moderately eroded	4.07	16.46 %	6	62	-	4	Somewhat poorly drained
23C2 🗌	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	4.06	16.42 %	62	76	-	3	Somewhat poorly drained
792D2 📕	Armstrong clay loam, 9 to 14 percent slopes, moderately eroded	1.31	5.30 %	5	58	-	4	Somewhat poorly drained
364B	Grundy silty clay loam, 2 to 5 percent slopes	0.62	2.51 %	72	79	-	2	Somewhat poorly drained
131C 🗌	Pershing silt loam, 5 to 9 percent slopes	0.09	0.36 %	65	73	-	3	Somewhat poorly drained
			Average:	28.3	62.0			

IA has updated the CSR values for each county to CSR2. Soils data provided by USDA and NRCS.



TILLABLE SOILS





County: Lucas County, IA
Location: 18-72N-21W
Township: Chariton city

Acres: **24.71**

Date: 09/08/2025



Field borders obtained from Farm Service Agency as of 2008

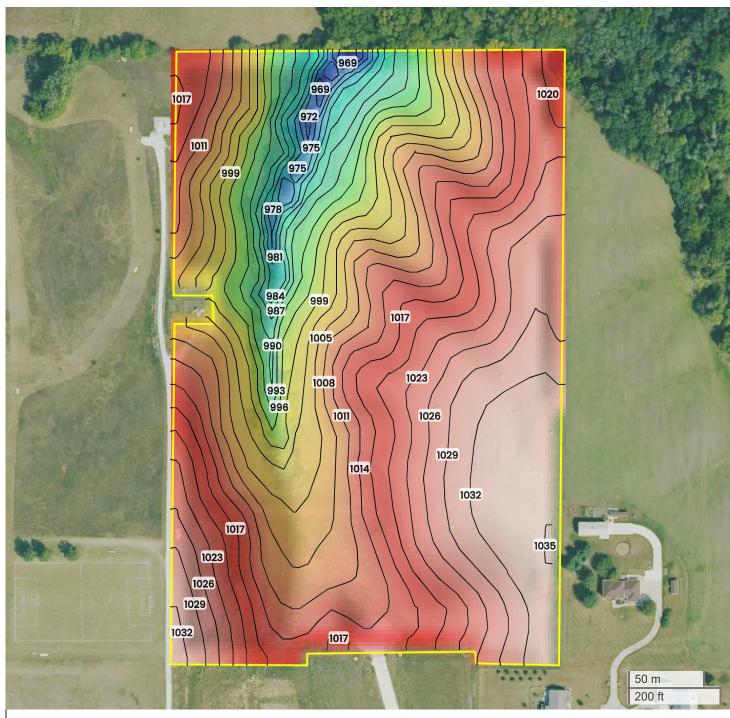
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Code	Description	Acres	% of field	IA CSR2	Overall NCCPI	Soil Class (Irr)	Soil Class (Non-Irr)	Drainage Class
179E2	Gara clay loam, 14 to 18 percent slopes, moderately eroded	8.35	33.78 %	23	62	-	6	Well drained
222C2 Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded		6.22	25.16 %	28	52	-	4	Poorly drained
423D2	Bucknell silty clay loam, 9 to 14 percent slopes, moderately eroded	4.07	16.46 %	6	62	-	4	Somewhat poorly drained
23C2 🗌	Arispe silty clay loam, 5 to 9 percent slopes, moderately eroded	4.06	16.42 %	62	76	-	3	Somewhat poorly drained
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	Average:							

IA has updated the CSR values for each county to CSR2. Soils data provided by USDA and NRCS.



TOPOGRAPHY



969 ft 1035 ft



Center: 41.030811, -93.320996

18-72N-21W
Chariton city Township
Lucas County, IA

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 Source:
 USGS 10m DEM

 Interval(ft):
 3

 Max:
 1035.0 ft

 Min:
 969.0 ft

 Range:
 66.0 ft

 Average:
 1002.0 ft





CROP HISTORY



Crop History

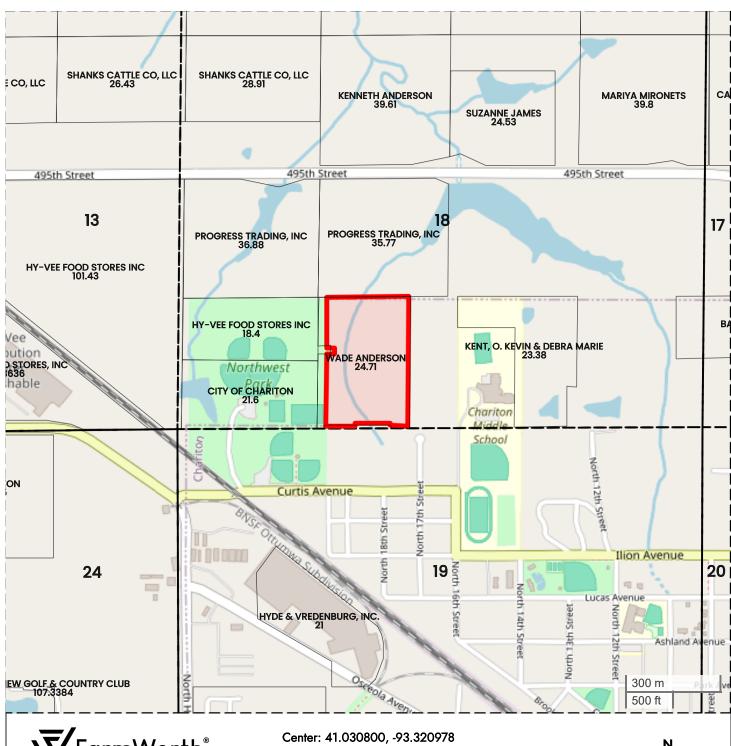
	Percent Area (>0.5 %)							
Crop	2024	2023	2022	2021	2020	2019	Average	
Grass/Pasture	95.0	79.1	83.5	79.1	70.5	62.6	78.3	
Other Hay/Non Alfalfa	0.0	7.2	4.3	15.1	12.2	18.0	11.4	
Deciduous Forest	4.3	5.0	9.4	2.2	11.5	13.7	7.7	
Mixed Forest	0.0	2.9	0.0	1.4	3.6	0.7	2.2	
Alfalfa	0.0	1.4	1.4	1.4	1.4	4.3	2.0	
Soybeans	0.0	1.4	0.7	0.0	0.0	0.0	1.1	

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PLAT MAP





18-72N-21W

Chariton city Township Lucas County, IA

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PROXIMITY MAP



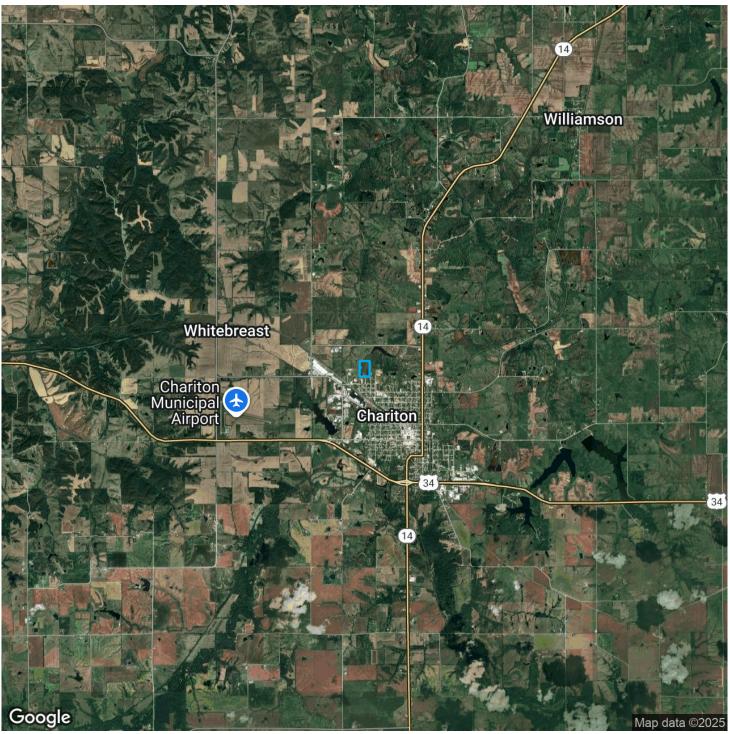
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Get Driving Directions



REGIONAL MAP



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Get Driving Directions

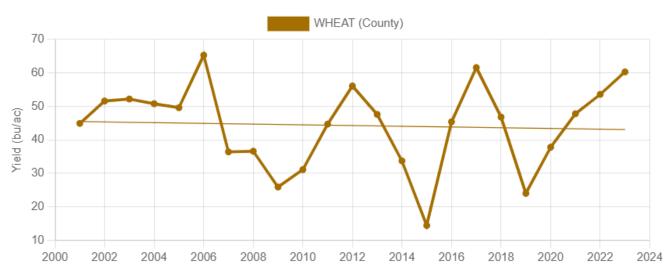
Farmland Statistics for Lucas County, IA for 2023

	Attribute	Year	Value
IA Average	Farmland Value (\$/ac)	2023	\$9,410
	Cash Rent (\$/ac)	2023	\$269
	Farmland Returns (%)	2023	9.05%
Lucas County Average	Price (\$/ac)	2023	\$4,346
	National Productivity Index (NCCPI3 All Crops)	2023	66
	CSR2	2023	41

RMA Statistics for Lucas County, IA for 2022

Top Crops	Year	Expected Yield (bu/ac)	APA Trend Adjustment (bu/year)
Wheat	2022	41.5	0
Corn	2022	138.5	1.68

Crop Yields



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