

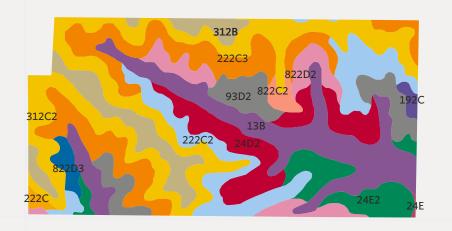
TOWNSHIP/SECTION 70N 23W - 31, 32

AVG CSR2

COUNTY AVG

49.0

49.1





QUALITY 24

Map data ©2019 Google

Source: NRCS Soil Survey

All fields

305 ac

Coogle

, 5 to 9 percent slopes, moderately eroded	67.04	FIELD 22.0%	CLASS 3	56.0
	67.04	22.0%	3	56.0
mplex. 0 to 5 percent slopes				
F	48.46	15.9%	2	68.0
9 percent slopes, severely eroded	44.30	14.5%	6	40.0
5 to 9 percent slopes, moderately eroded	31.83	10.4%	4	34.0
.4 percent slopes, moderately eroded	26.21	8.6%	3	51.0
5 percent slopes	23.51	7.7%	3	64.0
9 to 14 percent slopes, moderately eroded	20.25	6.6%	4	36.0
18 percent slopes, moderately eroded	18.22	6.0%	4	40.0
9 to 14 percent slopes, moderately eroded	15.15	5.0%	4	29.0
	9 percent slopes, severely eroded 5 to 9 percent slopes, moderately eroded 4 percent slopes, moderately eroded 5 percent slopes 9 to 14 percent slopes, moderately eroded 18 percent slopes, moderately eroded 9 to 14 percent slopes, moderately eroded	5 to 9 percent slopes, moderately eroded 31.83 4 percent slopes, moderately eroded 26.21 5 percent slopes 23.51 9 to 14 percent slopes, moderately eroded 20.25 18 percent slopes, moderately eroded 18.22	5 to 9 percent slopes, moderately eroded 31.83 10.4% 4 percent slopes, moderately eroded 26.21 8.6% 5 percent slopes 23.51 7.7% 9 to 14 percent slopes, moderately eroded 20.25 6.6% 18 percent slopes, moderately eroded 18.22 6.0%	5 to 9 percent slopes, moderately eroded 31.83 10.4% 4 4 percent slopes, moderately eroded 26.21 8.6% 3 5 percent slopes 23.51 7.7% 3 9 to 14 percent slopes, moderately eroded 20.25 6.6% 4 18 percent slopes, moderately eroded 18.22 6.0% 4



8 fields, 305 acres in Wayne County, IA	TOWNSHIE	/section 70)N 23W -	31, 32
■ 822D3 Lamoni clay loam, 9 to 14 percent slopes, severely eroded	3.54	1.2%	6	24.0
■ 822C2 Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	3.13	1.0%	3	32.0
■ 192C Adair loam, 5 to 9 percent slopes	1.57	0.5%	3	34.0
■ 222C Clarinda silty clay loam, 5 to 9 percent slopes	1.55	0.5%	4	37.0
■ 24E Shelby loam, 14 to 18 percent slopes	0.09	0.0%	4	32.0
■ 312C2 Seymour silty clay loam, 5 to 9 percent slopes, moderately eroded	0.03	0.0%	3	56.0
■ 312B Seymour silt loam, 2 to 5 percent slopes	0.02	0.0%	3	64.0
	304.90			49.0



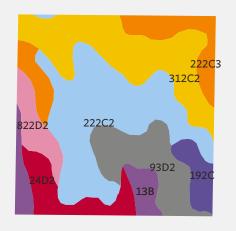
TOWNSHIP/SECTION 70N 23W - 31, 32

AVG CSR2

COUNTY AVG

43.0

49.1





Map data ©2019 Google QUALITY 24

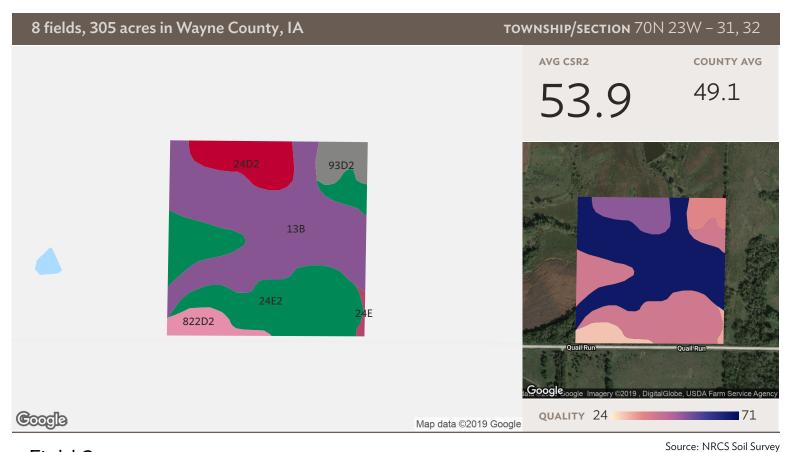
Source: NRCS Soil Survey

<u>©</u>

Field 1

-	SOIL	L SOIL DESCRIPTION		ACRES PERCENTAGE OF		CSR2
	CODE			FIELD	CLASS	
•	222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	12.32	30.8%	4	34.0
	312C2	Seymour silty clay loam, 5 to 9 percent slopes, moderately eroded	9.29	23.2%	3	56.0
	93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	5.07	12.7%	4	36.0
	222C3	Clarinda silty clay, 5 to 9 percent slopes, severely eroded	4.15	10.4%	6	40.0
•	24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	2.93	7.3%	3	51.0
	13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	2.40	6.0%	2	68.0
•	822D2	Lamoni silty clay loam, 9 to 14 percent slopes, moderately eroded	2.25	5.6%	4	29.0
	192C	Adair loam, 5 to 9 percent slopes	1.57	3.9%	3	34.0
			39.98			43.0





	SOIL	SOIL DESCRIPTION	ACRES PER	CENTAGE OF	SOIL	CSR2
	CODE			FIELD	CLASS	
•	13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	18.73	48.1%	2	68.0
	24E2	Shelby clay loam, 14 to 18 percent slopes, moderately eroded	12.65	32.5%	4	40.0
	24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	3.90	10.0%	3	51.0
	93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	1.81	4.7%	4	36.0
	822D2	Lamoni silty clay loam, 9 to 14 percent slopes, moderately eroded	1.72	4.4%	4	29.0
	24E	Shelby loam, 14 to 18 percent slopes	0.09	0.2%	4	32.0
			38.89			53.9



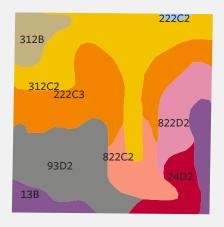
TOWNSHIP/SECTION 70N 23W - 31, 32

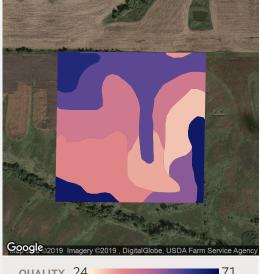
AVG CSR2

COUNTY AVG

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Map data ©2019 Google QUALITY 24

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Source: NRCS Soil Survey

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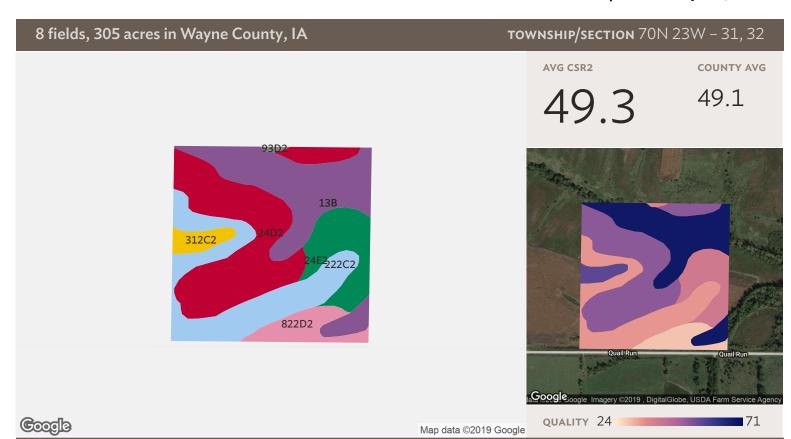
Field 3

SOIL CODE	SOIL DESCRIPTION	ACRES P	PERCENTAGE OF FIELD	SOIL CLASS	CSR2
312C2	Seymour silty clay loam, 5 to 9 percent slopes, moderately eroded	9.95	24.9%	3	56.0
222C3	Clarinda silty clay, 5 to 9 percent slopes, severely eroded	8.71	21.8%	6	40.0
93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	7.35	18.4%	4	36.0
822D2	Lamoni silty clay loam, 9 to 14 percent slopes, moderately eroded	3.46	8.7%	4	29.0
822C2	Lamoni silty clay loam, 5 to 9 percent slopes, moderately eroded	3.13	7.8%	3	32.0
13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	2.72	6.8%	2	68.0
312B	Seymour silt loam, 2 to 5 percent slopes	2.33	5.8%	3	64.0
24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	2.07	5.2%	3	51.0
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	0.23	0.6%	4	34.0
		39.97			45.5



TOWNSHIP/SECTION 70N 23W - 31, 32





39 ac

SOIL	SOIL DESCRIPTION	ACRES PER	CENTAGE OF	SOIL	CSR2
CODE			FIELD	CLASS	
■ 24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	12.36	31.7%	3	51.0
■ 13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	10.04	25.8%	2	68.0
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	8.63	22.2%	4	34.0
■ 24E2	Shelby clay loam, 14 to 18 percent slopes, moderately eroded	4.24	10.9%	4	40.0
■ 822D2	Lamoni silty clay loam, 9 to 14 percent slopes, moderately eroded	2.22	5.7%	4	29.0
312C2	Seymour silty clay loam, 5 to 9 percent slopes, moderately eroded	1.30	3.3%	3	56.0
■ 93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	0.18	0.5%	4	36.0
		38.98			49.3

Source: NRCS Soil Survey



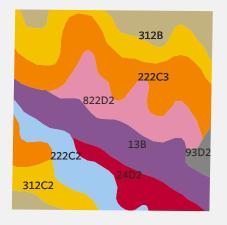
TOWNSHIP/SECTION 70N 23W - 31, 32

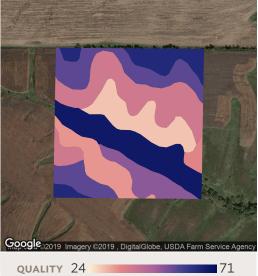
AVG CSR2

COUNTY AVG

49.1

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Map data ©2019 Google

Source: NRCS Soil Survey

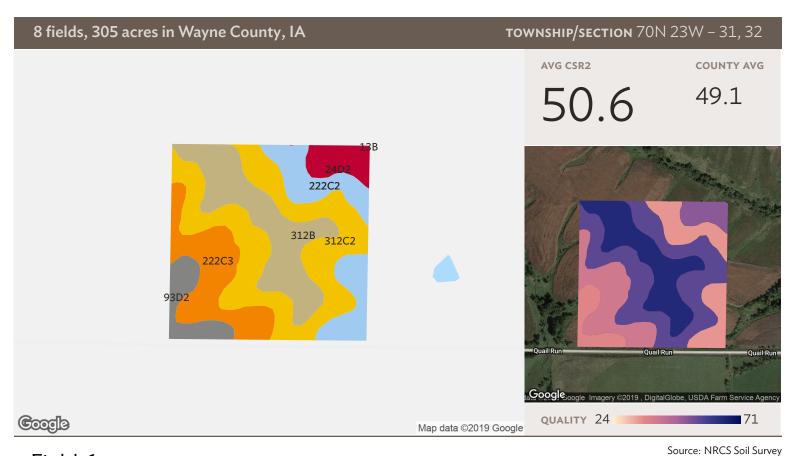


40 ac

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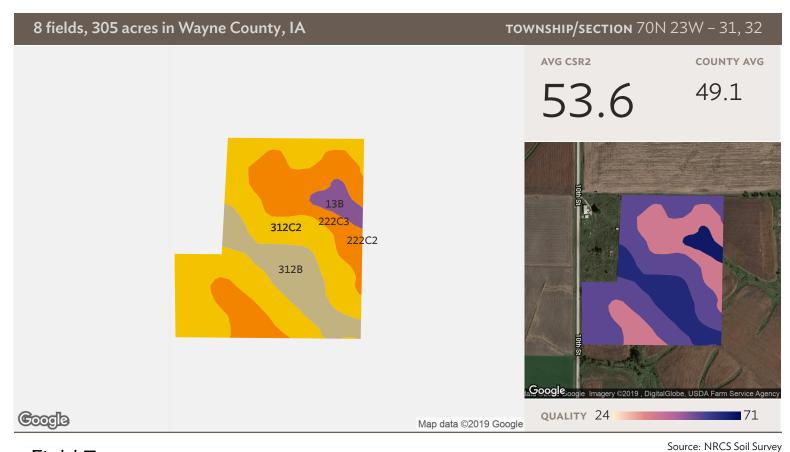
	SOIL	SOIL DESCRIPTION	ACRES PER	CENTAGE OF FIELD	SOIL CLASS	CSR2
	222C3	Clarinda silty clay, 5 to 9 percent slopes, severely eroded	9.45	23.7%	6	40.0
	312C2	Seymour silty clay loam, 5 to 9 percent slopes, moderately eroded	7.29	18.3%	3	56.0
•	13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	7.23	18.1%	2	68.0
•	822D2	Lamoni silty clay loam, 9 to 14 percent slopes, moderately eroded	5.05	12.6%	4	29.0
•	312B	Seymour silt loam, 2 to 5 percent slopes	3.91	9.8%	3	64.0
•	222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	3.65	9.1%	4	34.0
•	24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	2.73	6.8%	3	51.0
•	93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	0.63	1.6%	4	36.0
			39.95			49.1





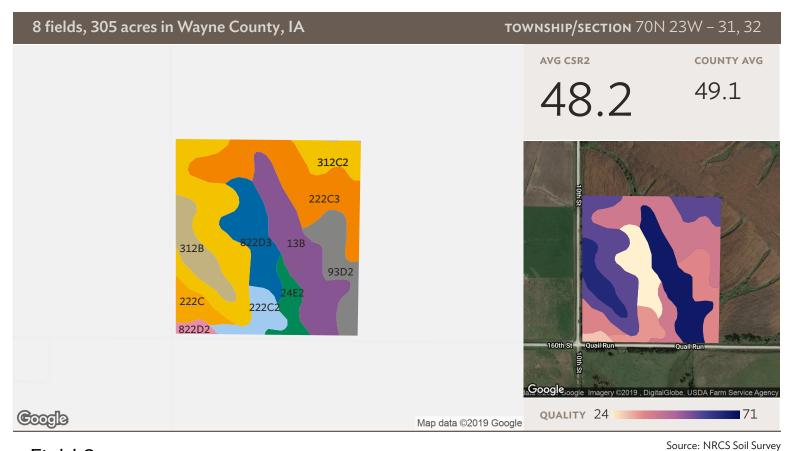
SOIL CODE	SOIL DESCRIPTION	ACRES PER	CENTAGE OF FIELD	SOIL CLASS	CSR2
CODE			FIELD	CLASS	
312C2	Seymour silty clay loam, 5 to 9 percent slopes, moderately eroded	13.73	35.2%	3	56.0
■ 312B	Seymour silt loam, 2 to 5 percent slopes	8.79	22.6%	3	64.0
222C3	Clarinda silty clay, 5 to 9 percent slopes, severely eroded	6.45	16.6%	6	40.0
222C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	5.44	14.0%	4	34.0
■ 93D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	2.32	6.0%	4	36.0
■ 24D2	Shelby clay loam, 9 to 14 percent slopes, moderately eroded	2.21	5.7%	3	51.0
■ 13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	0.02	0.0%	2	68.0
		38.96			50.6





SOIL	IL SOIL DESCRIPTION		ACRES PERCENTAGE OF		CSR2
CODE			FIELD	CLASS	
312C2	Seymour silty clay loam, 5 to 9 percent slopes, moderately eroded	16.34	51.1%	3	56.0
222C3	Clarinda silty clay, 5 to 9 percent slopes, severely eroded	8.64	27.0%	6	40.0
■ 312B	Seymour silt loam, 2 to 5 percent slopes	5.78	18.1%	3	64.0
■ 13B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	1.24	3.9%	2	68.0
		32.01			53.6





	OIL ODE	SOIL DESCRIPTION	ACRES PER	CENTAGE OF	SOIL CLASS	CSR2
		Seymour silty clay loam, 5 to 9 percent slopes, moderately eroded	9.13	25.3%	3	56.0
2 2	22C3	Clarinda silty clay, 5 to 9 percent slopes, severely eroded	6.89	19.1%	6	40.0
1 3	.3B	Zook-Olmitz-Vesser complex, 0 to 5 percent slopes	6.08	16.8%	2	68.0
8 2	22D3	Lamoni clay loam, 9 to 14 percent slopes, severely eroded	3.54	9.8%	6	24.0
9 3	3D2	Shelby-Adair complex, 9 to 14 percent slopes, moderately eroded	2.88	8.0%	4	36.0
3 2	12B	Seymour silt loam, 2 to 5 percent slopes	2.70	7.5%	3	64.0
22	22C2	Clarinda silty clay loam, 5 to 9 percent slopes, moderately eroded	1.57	4.3%	4	34.0
2 2	22C	Clarinda silty clay loam, 5 to 9 percent slopes	1.55	4.3%	4	37.0
2 /	4E2	Shelby clay loam, 14 to 18 percent slopes, moderately eroded	1.33	3.7%	4	40.0



8 fields, 305 acres in Wayne County, IA	TOWNSHIE	/section 70	N 23W -	- 31, 32
■ 822D2 Lamoni silty clay loam, 9 to 14 percent slopes, moderately eroded	0.45	1.2%	4	29.0
■ 312C2 Seymour silty clay loam, 5 to 9 percent slopes, moderately eroded	0.03	0.1%	3	56.0
■ 312B Seymour silt loam, 2 to 5 percent slopes	0.02	0.1%	3	64.0
	36.15			48.2