

 Boundary 469.69 ac

SOIL CODE	SOIL DESCRIPTION	ACRES	%	CPI	NCCPI	CAP
4590	Clime-Sogn complex, 3 to 20 percent slopes	108.8	23.16	0	32	6e
4744	Labette-Dwight complex, 0 to 3 percent slopes	91.99	19.59	0	45	2e
4673	Irwin silty clay loam, 3 to 7 percent slopes	59.03	12.57	0	59	4e
4620	Dwight soils, 1 to 3 percent slopes, eroded	53.64	11.42	0	31	4s
8303	Verdigris soils, frequently flooded	40.02	8.52	0	62	5w
4783	Tully silty clay loam, 3 to 7 percent slopes	15.91	3.39	0	62	3e
4740	Labette silty clay loam, 1 to 3 percent slopes	15.73	3.35	0	49	2e
4746	Labette-Sogn silty clay loam, 0 to 8 percent slopes	14.22	3.03	0	36	4e
3911	Rosehill silty clay, 1 to 3 percent slopes	13.9	2.96	0	36	3e
4600	Dwight silt loam, 0 to 1 percent slopes	11.36	2.42	0	36	4s
4671	Irwin silty clay loam, 1 to 3 percent slopes	10.96	2.33	0	58	3s
4670	Irwin silty clay loam, 0 to 1 percent slopes	10.82	2.3	0	60	2s
4674	Irwin silty clay loam, 3 to 7 percent slopes, eroded	10.18	2.17	0	51	4e
3890	Ladysmith silty clay loam, 0 to 1 percent slopes	7.78	1.66	0	53	2s
4742	Labette silty clay loam, 3 to 7 percent slopes	3.07	0.65	0	48	3e
8302	Verdigris silt loam, 0 to 1 percent slopes, occasionally flooded	2.28	0.49	0	85	2w
TOTALS		469.69(*)	100%	-	44.68	3.91

(*) Total acres may differ in the second decimal compared to the sum of each acreage soil. This is due to a round error because we only show the acres of each soil with two decimal.

Capability Legend

Increased Limitations and Hazards

Decreased Adaptability and Freedom of Choice Users

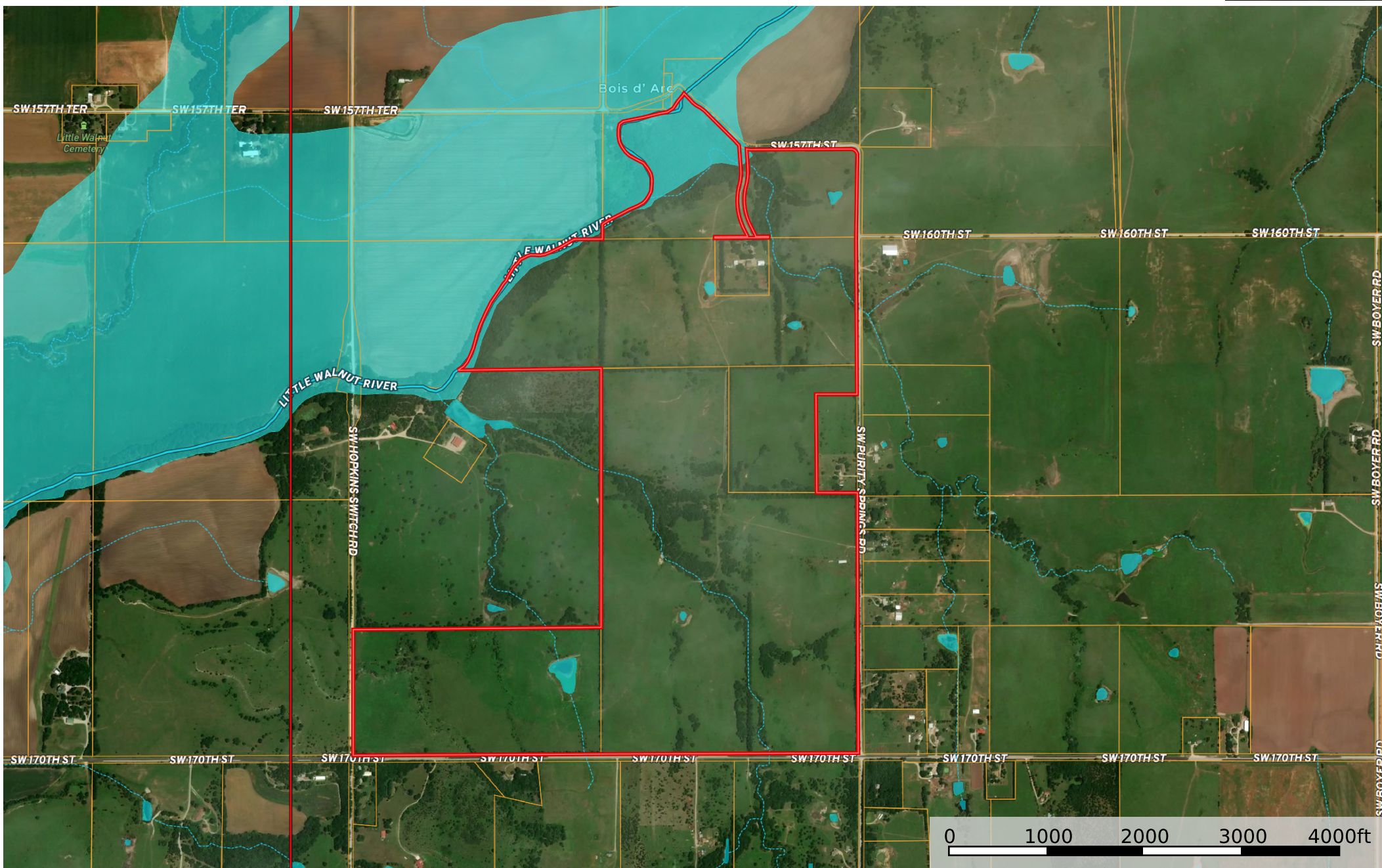
Land, Capability

								
	1	2	3	4	5	6	7	8
'Wild Life'	•	•	•	•	•	•	•	•
Forestry	•	•	•	•	•	•	•	
Limited	•	•	•	•	•	•	•	
Moderate	•	•	•	•	•	•		
Intense	•	•	•	•	•			
Limited	•	•	•	•				
Moderate	•	•	•					
Intense	•	•						
Very Intense	•							

Grazing Cultivation

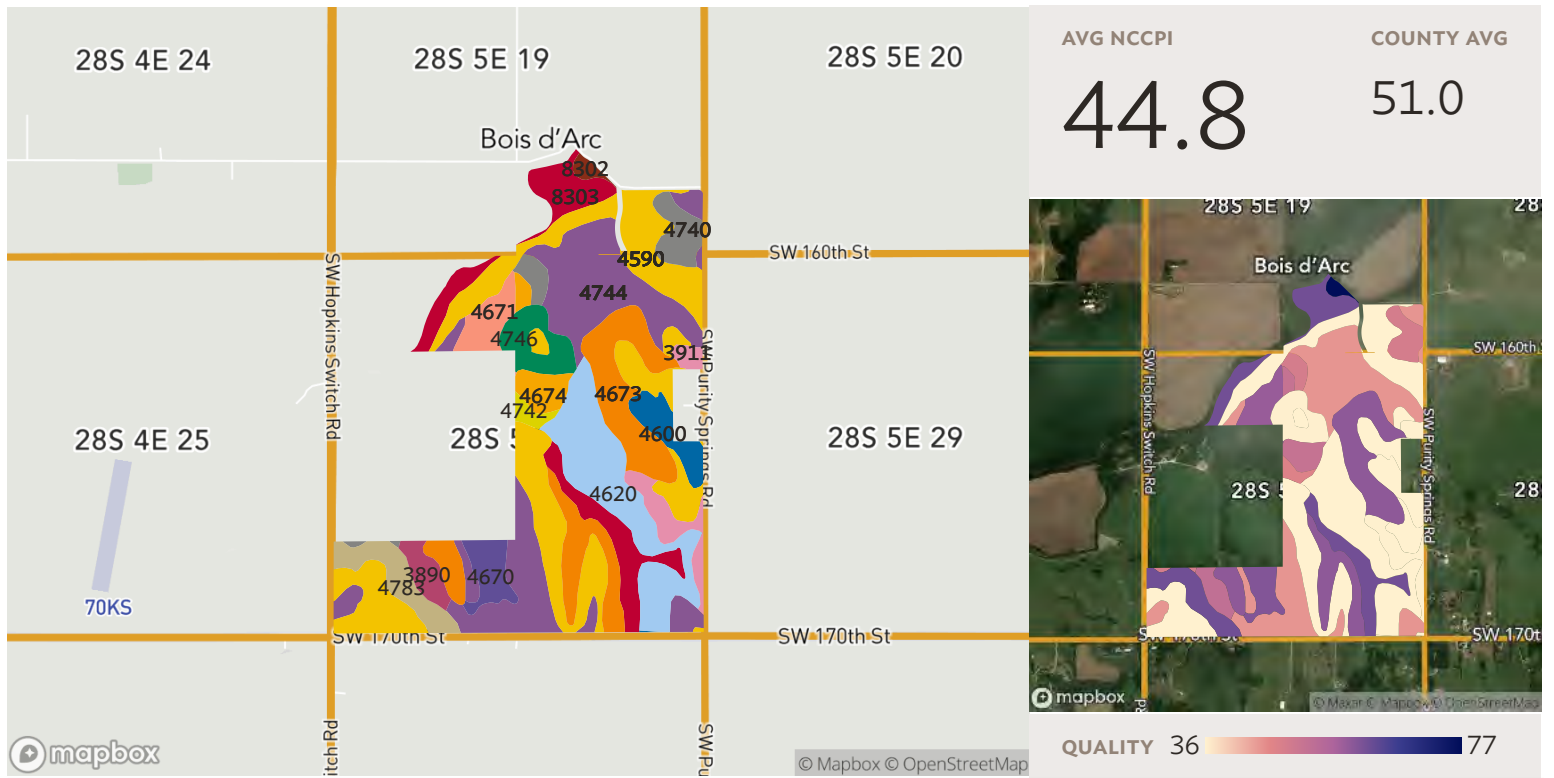
(c) climatic limitations (e) susceptibility to erosion

(s) soil limitations within the rooting zone (w) excess of water



7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30



All fields

Source: NRCS Soil Survey

470 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
4590	Clime-Sogn complex, 3 to 20 percent slopes	108.89	23.2%	6	32.5
4744	Labette-Dwight complex, 0 to 3 percent slopes	92.15	19.6%	2	44.8
4673	Irwin silty clay loam, 3 to 7 percent slopes	59.06	12.6%	4	59.3
4620	Dwight soils, 1 to 3 percent slopes, eroded	53.68	11.4%	4	30.8
8303	Verdigris soils, frequently flooded	39.81	8.5%	5	61.8
4783	Tully silty clay loam, 3 to 7 percent slopes	15.90	3.4%	3	62.0
4740	Labette silty clay loam, 1 to 3 percent slopes	15.72	3.3%	2	48.9
4746	Labette-Sogn silty clay loam, 0 to 8 percent slopes	14.22	3.0%	4	36.1
3911	Rosehill silty clay, 1 to 3 percent slopes	14.02	3.0%	3	36.0

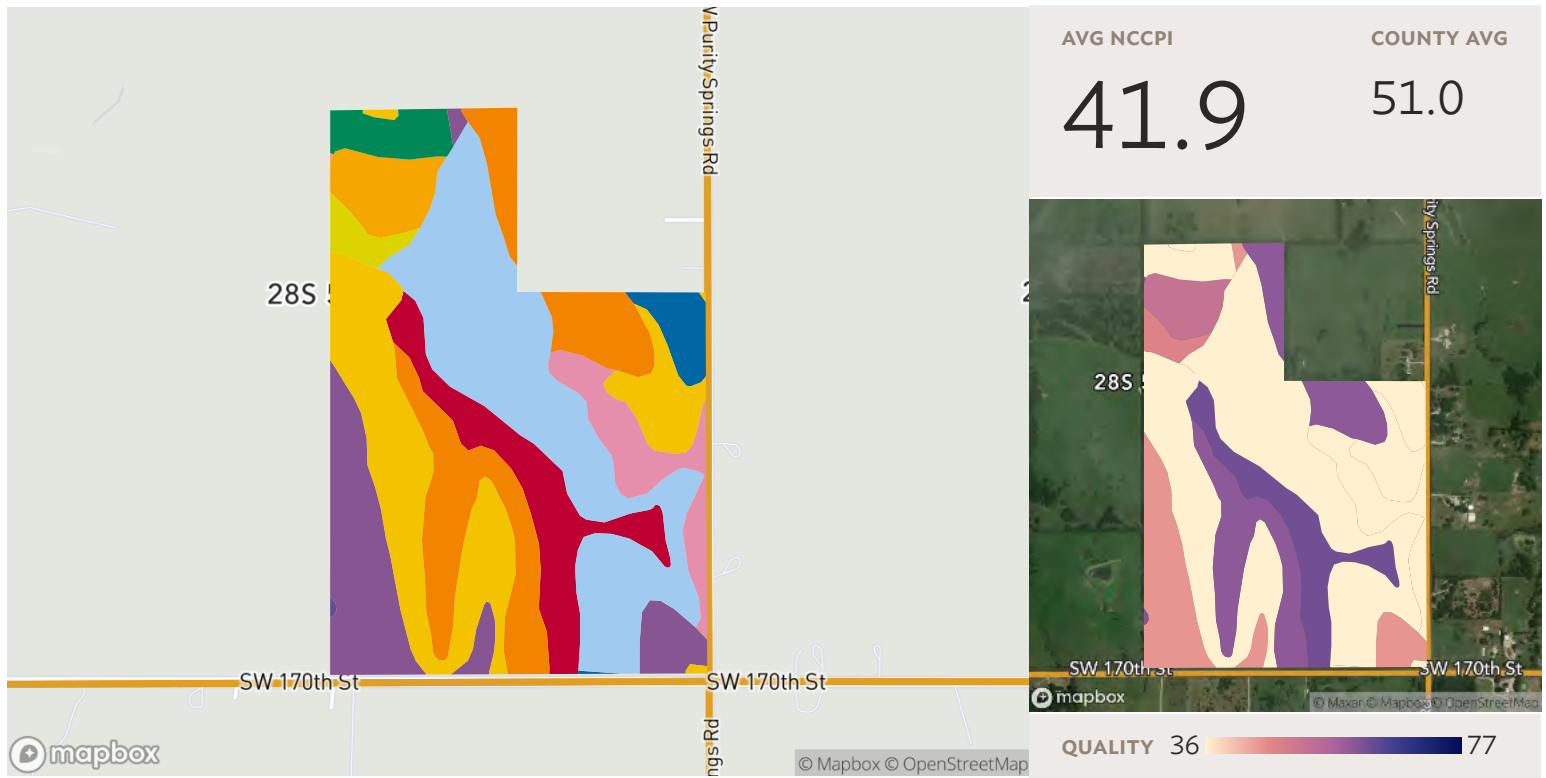
7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30

■	4600	Dwight silt loam, 0 to 1 percent slopes	11.41	2.4%	4	35.6
■	4671	Irwin silty clay loam, 1 to 3 percent slopes	11.00	2.3%	3	58.4
■	4670	Irwin silty clay loam, 0 to 1 percent slopes	10.79	2.3%	2	60.4
■	4674	Irwin silty clay loam, 3 to 7 percent slopes, eroded	10.17	2.2%	4	51.8
■	3890	Ladysmith silty clay loam, 0 to 1 percent slopes	7.77	1.7%	2	52.8
■	4742	Labette silty clay loam, 3 to 7 percent slopes	3.05	0.6%	3	47.2
■	8302	Verdigris silt loam, 0 to 1 percent slopes, occasionally flooded	2.28	0.5%	2	84.9
469.93						44.8

7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30



Source: NRCS Soil Survey

Field 1

199 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
4620	Dwight soils, 1 to 3 percent slopes, eroded	53.35	26.8%	4	30.8
4590	Clime-Sogn complex, 3 to 20 percent slopes	38.52	19.4%	6	32.5
4673	Irwin silty clay loam, 3 to 7 percent slopes	31.36	15.8%	4	59.3
4744	Labette-Dwight complex, 0 to 3 percent slopes	24.16	12.1%	2	44.8
8303	Verdigris soils, frequently flooded	18.74	9.4%	5	61.8
3911	Rosehill silty clay, 1 to 3 percent slopes	11.18	5.6%	3	36.0
4674	Irwin silty clay loam, 3 to 7 percent slopes, eroded	8.05	4.0%	4	51.8
4746	Labette-Sogn silty clay loam, 0 to 8 percent slopes	5.85	2.9%	4	36.1
4600	Dwight silt loam, 0 to 1 percent slopes	4.66	2.3%	4	35.6

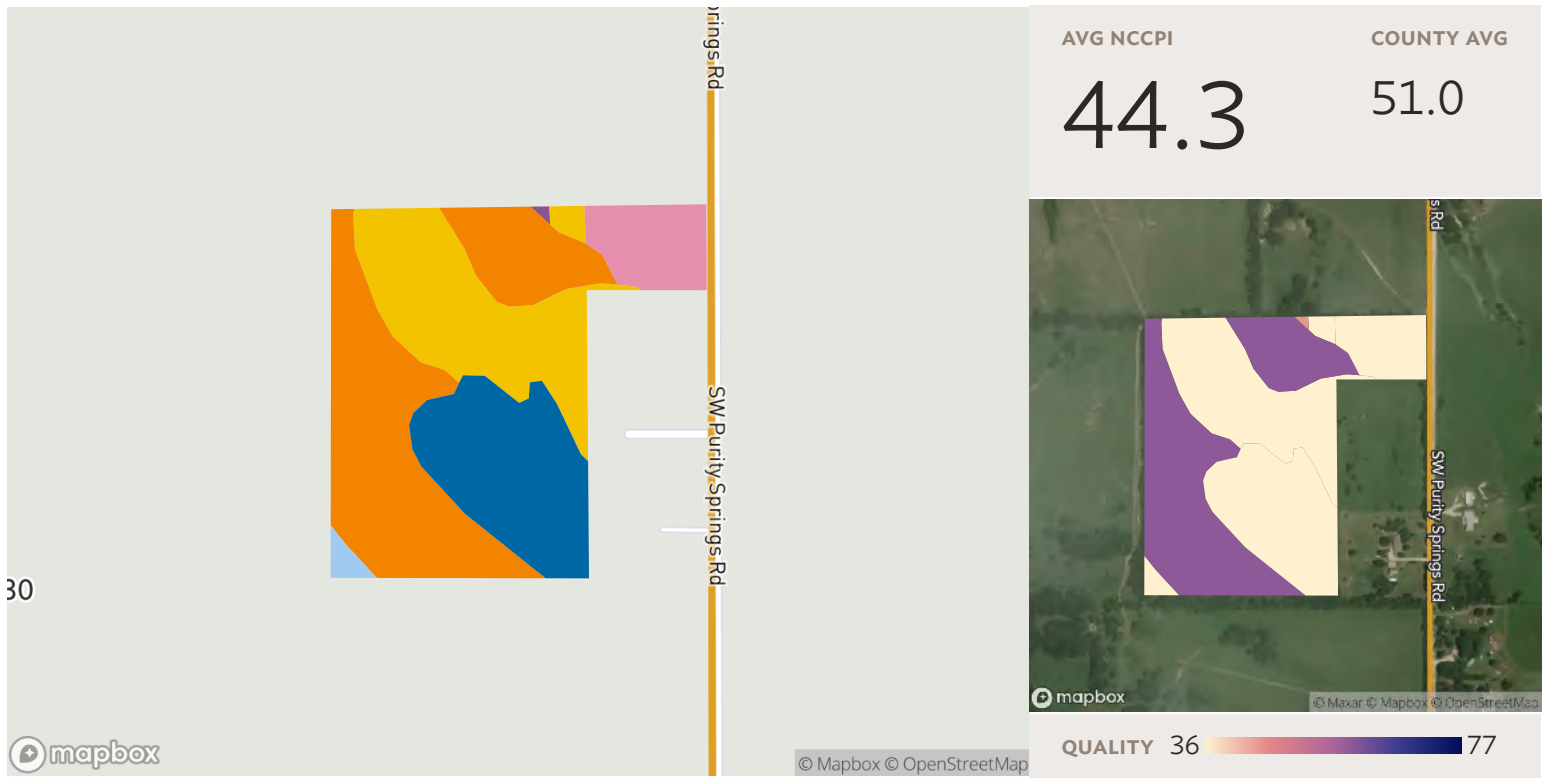
7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30

■	4742	Labette silty clay loam, 3 to 7 percent slopes	3.05	1.5%	3	47.2
■	4670	Irwin silty clay loam, 0 to 1 percent slopes	0.10	0.1%	2	60.4
■	4671	Irwin silty clay loam, 1 to 3 percent slopes	0.02	0.0%	3	58.4
			199.05			41.9

7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30



Field 2

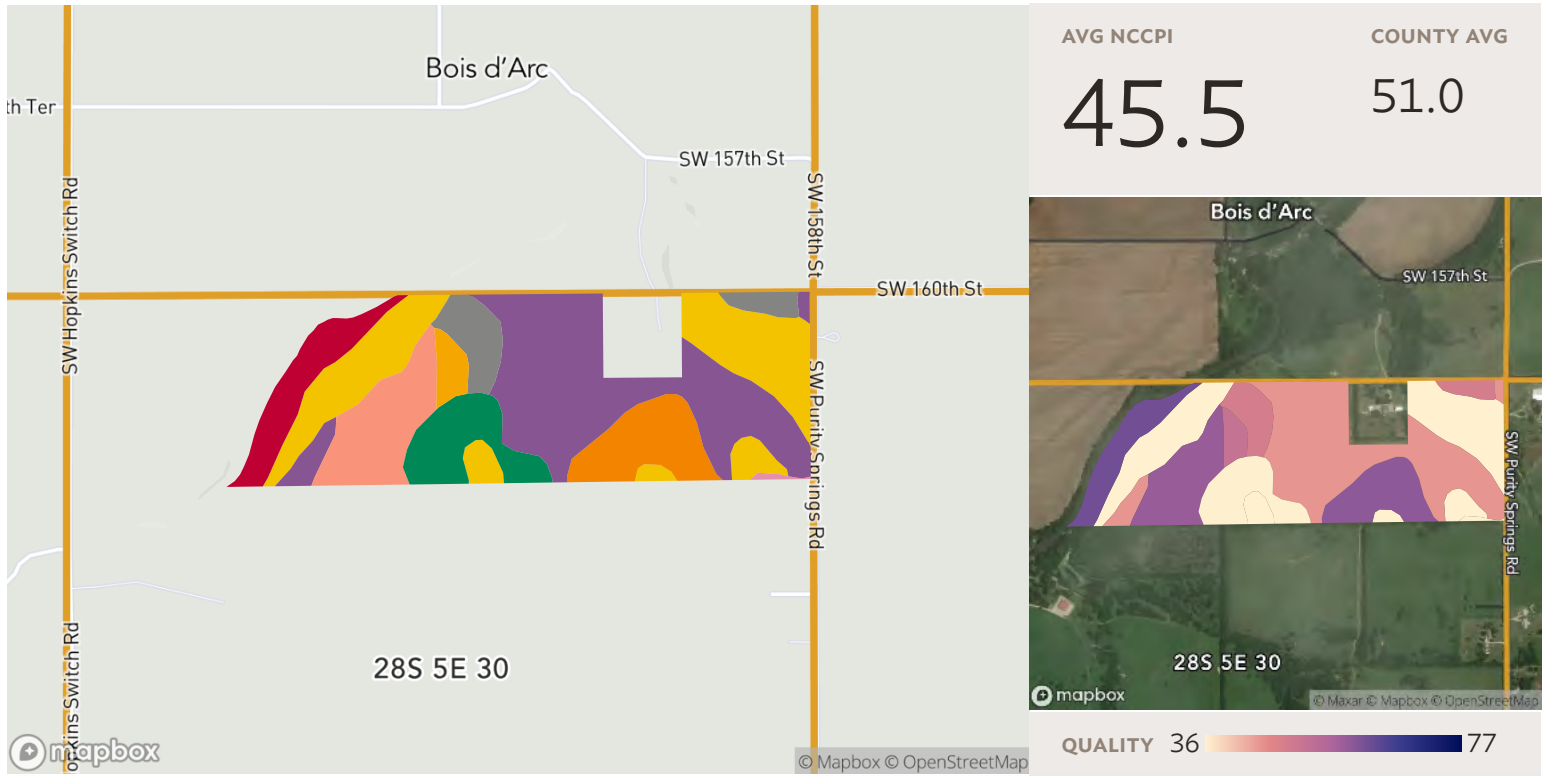
Source: NRCS Soil Survey

29 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
4673	Irwin silty clay loam, 3 to 7 percent slopes	11.83	40.2%	4	59.3
4590	Clime-Sogn complex, 3 to 20 percent slopes	7.91	26.9%	6	32.5
4600	Dwight silt loam, 0 to 1 percent slopes	6.75	22.9%	4	35.6
3911	Rosehill silty clay, 1 to 3 percent slopes	2.58	8.8%	3	36.0
4620	Dwight soils, 1 to 3 percent slopes, eroded	0.33	1.1%	4	30.8
4744	Labette-Dwight complex, 0 to 3 percent slopes	0.05	0.2%	2	44.8
29.45					44.3

7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30



Field 3

Source: NRCS Soil Survey

103 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
4744	Labette-Dwight complex, 0 to 3 percent slopes	34.00	32.9%	2	44.8
4590	Clime-Sogn complex, 3 to 20 percent slopes	24.72	23.9%	6	32.5
4671	Irwin silty clay loam, 1 to 3 percent slopes	10.98	10.6%	3	58.4
4673	Irwin silty clay loam, 3 to 7 percent slopes	9.18	8.9%	4	59.3
4746	Labette-Sogn silty clay loam, 0 to 8 percent slopes	8.37	8.1%	4	36.1
8303	Verdigris soils, frequently flooded	7.61	7.4%	5	61.8
4740	Labette silty clay loam, 1 to 3 percent slopes	6.23	6.0%	2	48.9
4674	Irwin silty clay loam, 3 to 7 percent slopes, eroded	2.12	2.0%	4	51.8
3911	Rosehill silty clay, 1 to 3 percent slopes	0.26	0.3%	3	36.0

7 fields, 470 acres in Butler County, KS

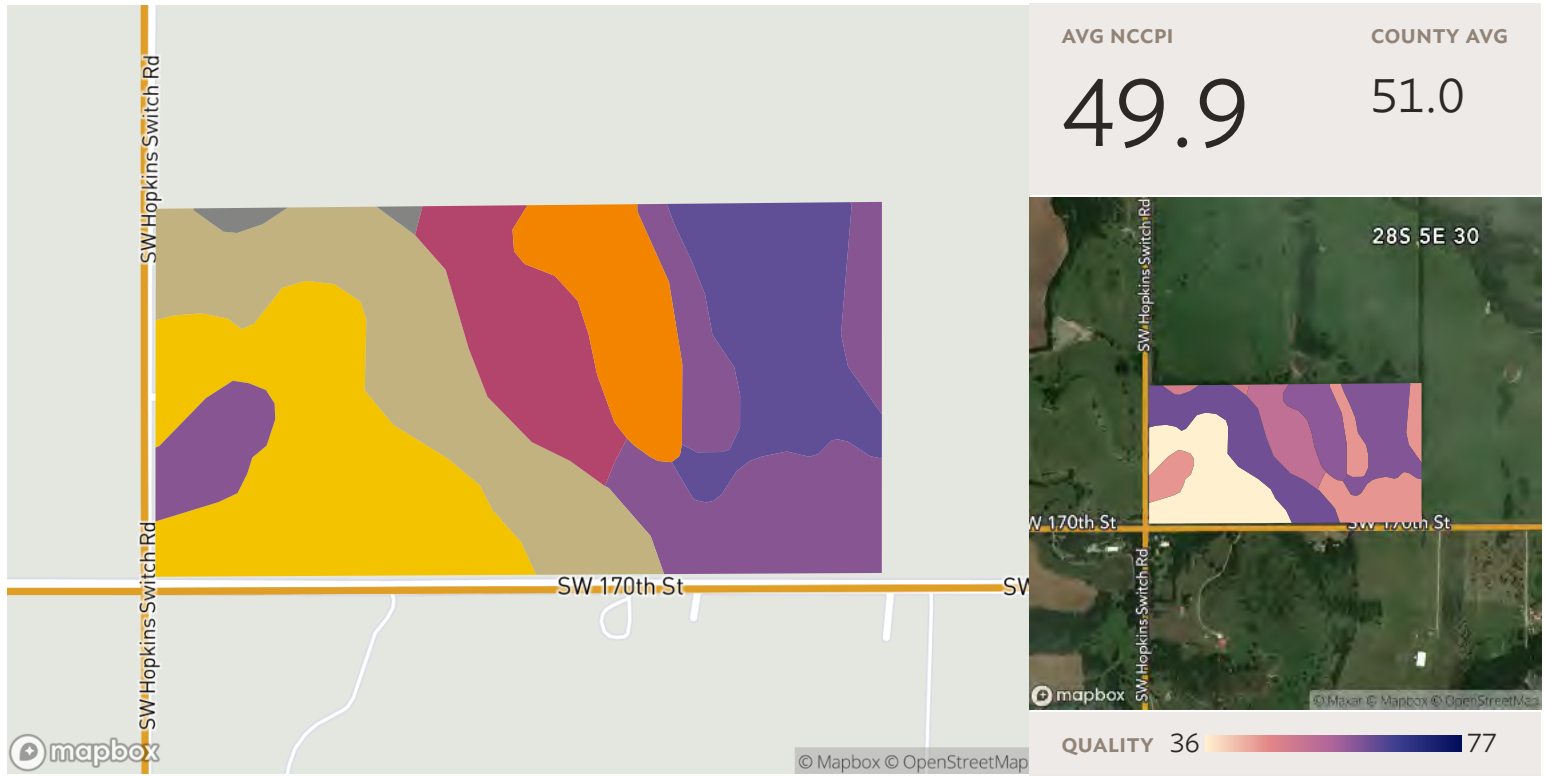
TOWNSHIP/SECTION 28S 5E – 19, 30

103.48

45.5

7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30



Field 4

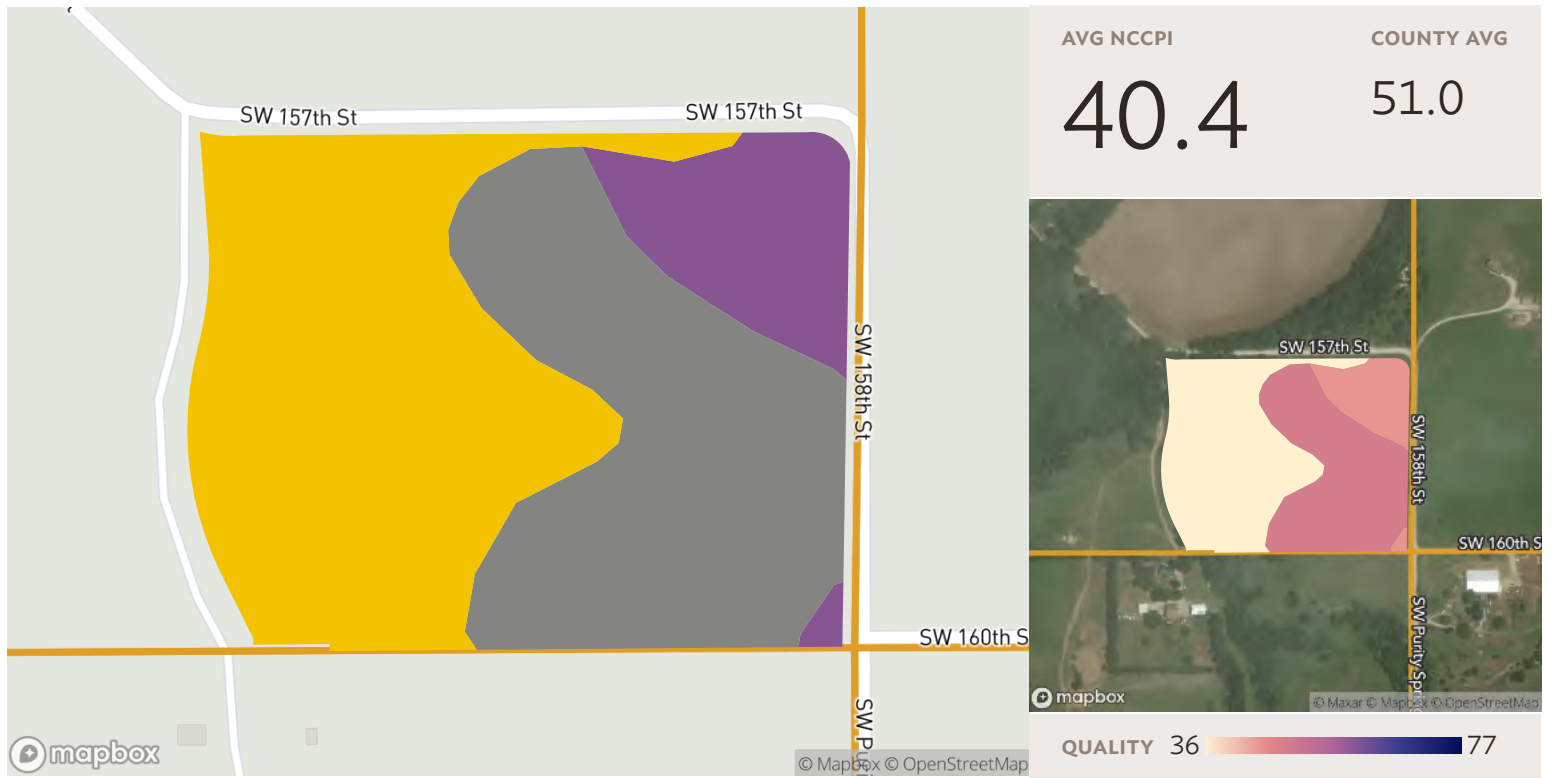
Source: NRCS Soil Survey

75 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
4590	Clime-Sogn complex, 3 to 20 percent slopes	17.97	23.9%	6	32.5
4783	Tully silty clay loam, 3 to 7 percent slopes	15.90	21.2%	3	62.0
4744	Labette-Dwight complex, 0 to 3 percent slopes	15.46	20.6%	2	44.8
4670	Irwin silty clay loam, 0 to 1 percent slopes	10.69	14.2%	2	60.4
3890	Ladysmith silty clay loam, 0 to 1 percent slopes	7.77	10.3%	2	52.8
4673	Irwin silty clay loam, 3 to 7 percent slopes	6.69	8.9%	4	59.3
4740	Labette silty clay loam, 1 to 3 percent slopes	0.59	0.8%	2	48.9
75.07					49.9

7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30



Field 5

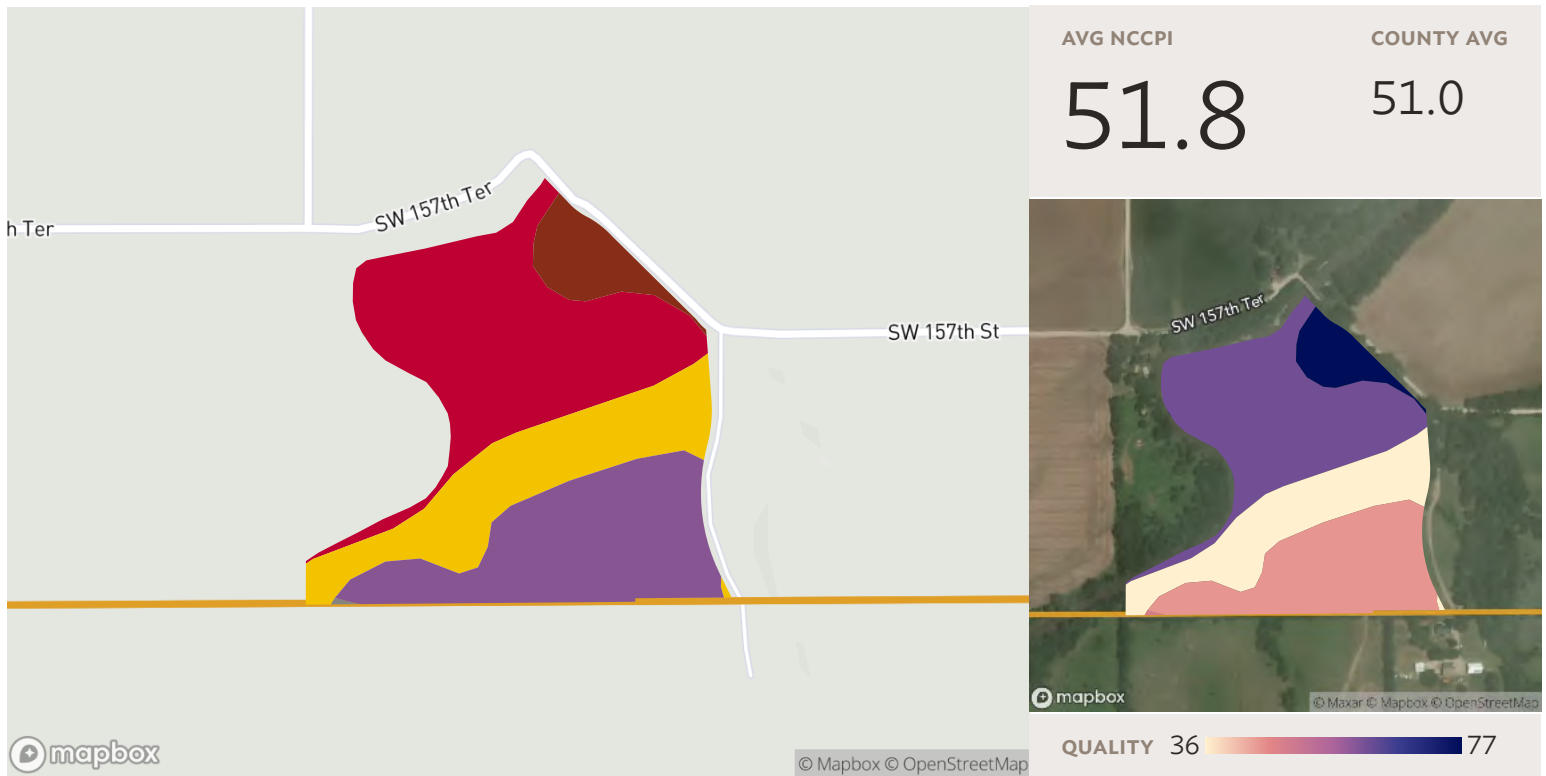
Source: NRCS Soil Survey

23 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
4590	Clime-Sogn complex, 3 to 20 percent slopes	11.22	48.8%	6	32.5
4740	Labette silty clay loam, 1 to 3 percent slopes	8.87	38.6%	2	48.9
4744	Labette-Dwight complex, 0 to 3 percent slopes	2.92	12.7%	2	44.8
		23.01			40.4

7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30



Field 6

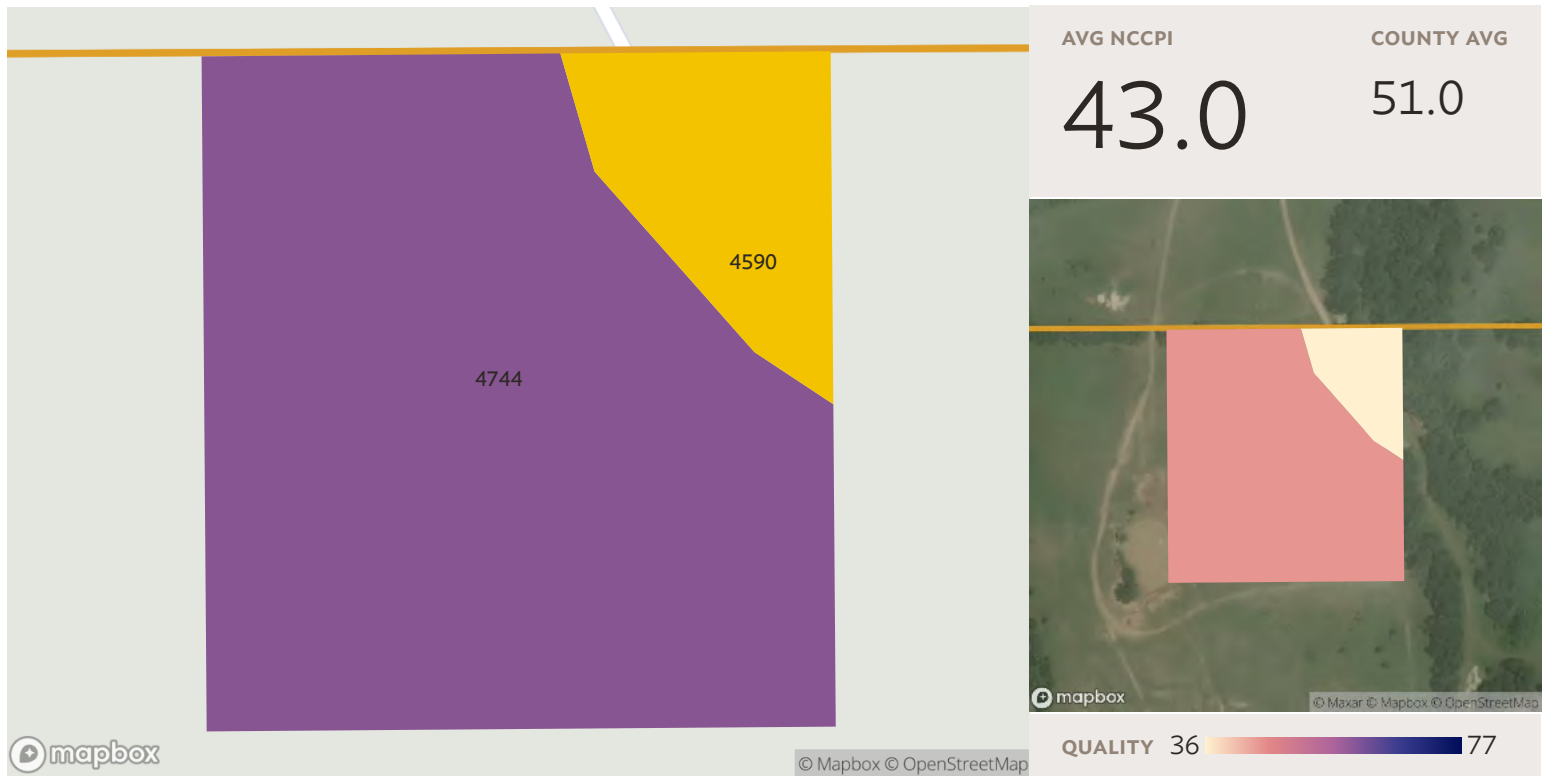
Source: NRCS Soil Survey

32 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
■ 8303	Verdigris soils, frequently flooded	13.45	41.5%	5	61.8
■ 4744	Labette-Dwight complex, 0 to 3 percent slopes	9.20	28.3%	2	44.8
■ 4590	Clime-Sogn complex, 3 to 20 percent slopes	7.49	23.1%	6	32.5
■ 8302	Verdigris silt loam, 0 to 1 percent slopes, occasionally flooded	2.28	7.0%	2	84.9
■ 4740	Labette silty clay loam, 1 to 3 percent slopes	0.03	0.1%	2	48.9
32.45					51.8

7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30



Source: NRCS Soil Survey

Field 7

7 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES	PERCENTAGE OF FIELD	SOIL CLASS	NCCPI
4744	Labette-Dwight complex, 0 to 3 percent slopes	6.36	85.7%	2	44.8
4590	Clime-Sogn complex, 3 to 20 percent slopes	1.06	14.3%	6	32.5
7.42					43.0

7 fields, 470 acres in Butler County, KS

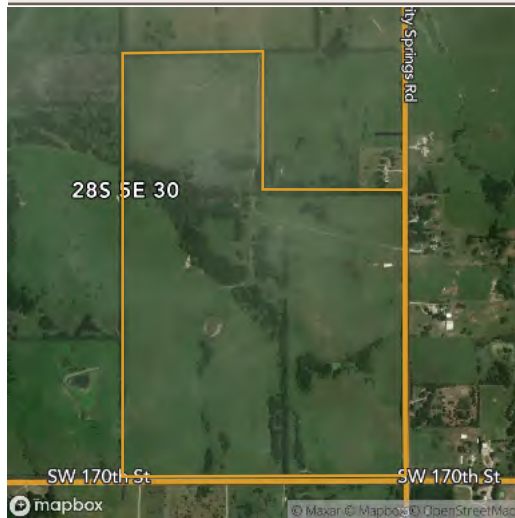
TOWNSHIP/SECTION 28S 5E – 19, 30



All fields

470 ac.

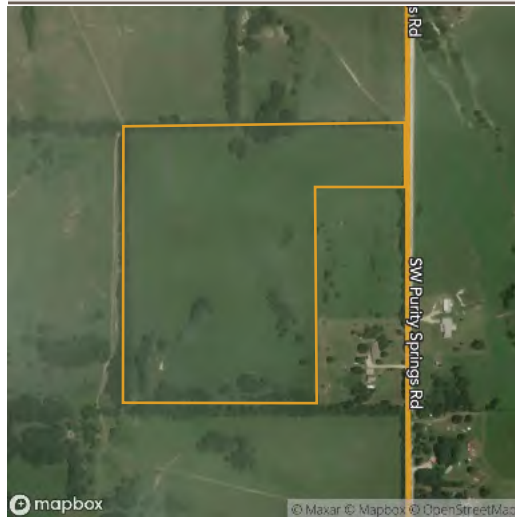
					
	2021	2020	2019	2018	2017
Grass/Pasture	79.8%	79.8%	80.5%	81.2%	80.7%
Forest	13.5%	12.9%	13.9%	12.3%	12.1%
Non-Cropland	4.6%	4.8%	3.9%	4.7%	5.2%
Other	2.1%	2.6%	1.8%	1.8%	2.0%



Field 1

199 ac.

					
	2021	2020	2019	2018	2017
Grass/Pasture	85.2%	82.1%	85.5%	86.8%	86.0%
Forest	11.8%	11.8%	12.5%	12.4%	11.6%
Other	3.1%	6.1%	2.1%	0.8%	2.4%



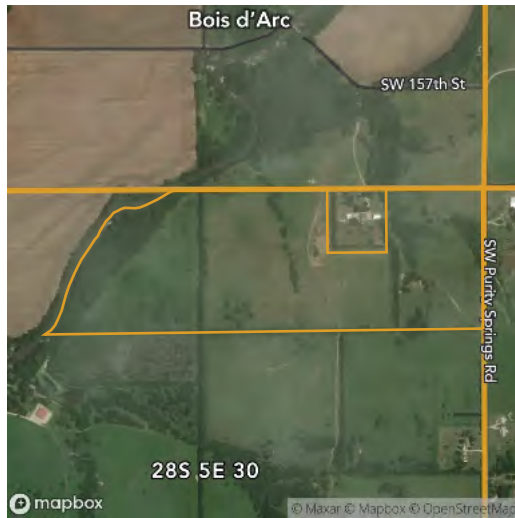
Field 2

29 ac.

					
	2021	2020	2019	2018	2017
Grass/Pasture	89.0%	89.8%	88.6%	88.2%	91.1%
Forest	9.7%	7.9%	10.1%	11.8%	8.3%
Other	1.3%	2.3%	1.3%	–	0.6%

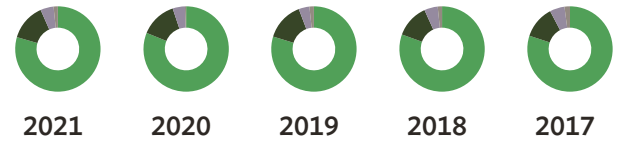
7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30



Field 3

103 ac.

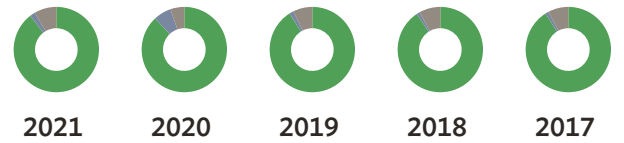


Grass/Pasture	79.5%	81.2%	79.7%	80.5%	80.0%
Forest	13.9%	13.7%	14.5%	12.7%	12.3%
Non-Cropland	5.0%	4.7%	4.1%	5.1%	5.6%
Other	1.6%	0.4%	1.7%	1.6%	2.1%



Field 4

75 ac.

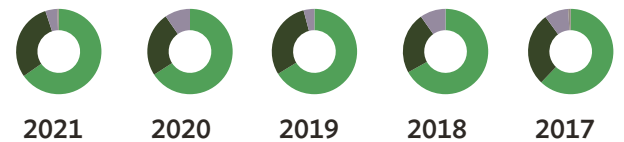


Grass/Pasture	89.5%	88.0%	91.0%	90.7%	91.0%
Developed	2.1%	6.7%	1.6%	1.2%	1.2%
Other	8.4%	5.3%	7.3%	8.1%	7.7%



Field 5

23 ac.



Grass/Pasture	65.3%	65.9%	66.2%	66.9%	62.1%
Forest	29.6%	24.5%	29.6%	23.3%	27.8%
Non-Cropland	4.5%	9.6%	4.1%	9.8%	9.1%
Other	0.6%	-	-	-	1.0%

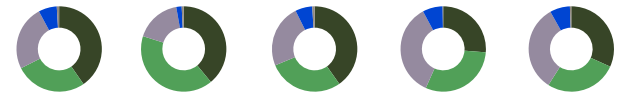
7 fields, 470 acres in Butler County, KS

TOWNSHIP/SECTION 28S 5E – 19, 30



Field 6

32 ac.



2021 2020 2019 2018 2017

Forest	40.3%	39.0%	40.2%	26.3%	31.8%
Grass/Pasture	27.2%	40.8%	28.5%	30.4%	27.2%
Non-Cropland	24.6%	17.3%	23.9%	35.5%	32.8%
Water	6.9%	2.1%	6.5%	7.6%	7.6%
Other	0.9%	0.8%	0.9%	0.2%	0.5%



Field 7

7 ac.



2021 2020 2019 2018 2017

Grass/Pasture	82.1%	86.7%	89.2%	84.0%	91.1%
Forest	4.1%	13.3%	10.8%	13.0%	7.8%
Non-Cropland	10.8%	–	–	3.0%	1.1%
Other	3.0%	–	–	–	–

Source: NASS Cropland Data Layer