





| Boundary 469.69 ac

SOIL CODE	SOIL DESCRIPTION	ACRES	%	СРІ	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		469.6 9(*)	100%	1	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

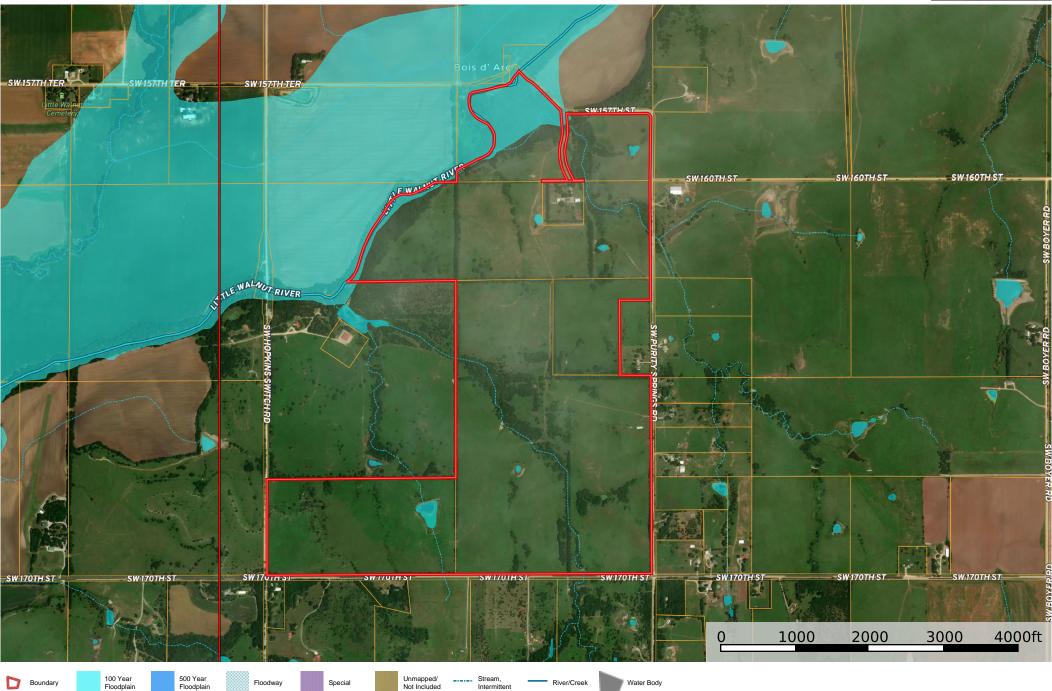
Decreased Adaptability and Freedom of Choice Users

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

Grazing Cultivation

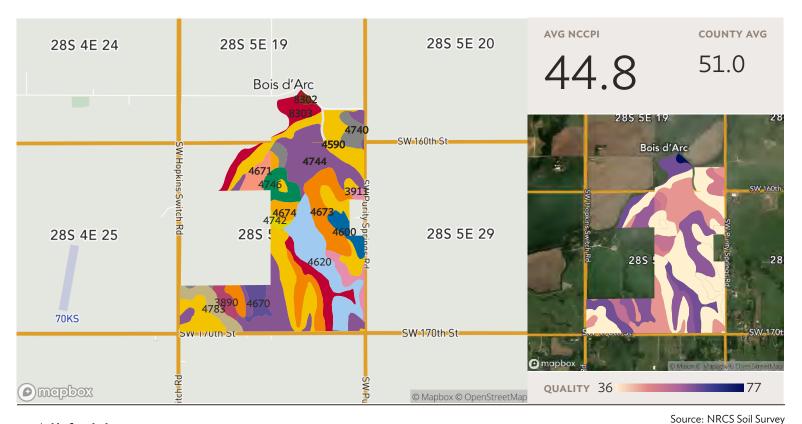
- (c) climatic limitations (e) susceptibility to erosion
- $\left(s\right)$ soil limitations within the rooting zone $\left(w\right)$ excess of water







TOWNSHIP/SECTION 28S 5E - 19, 30



All fields

470 ac.

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

Soil Survey: 1 of 11

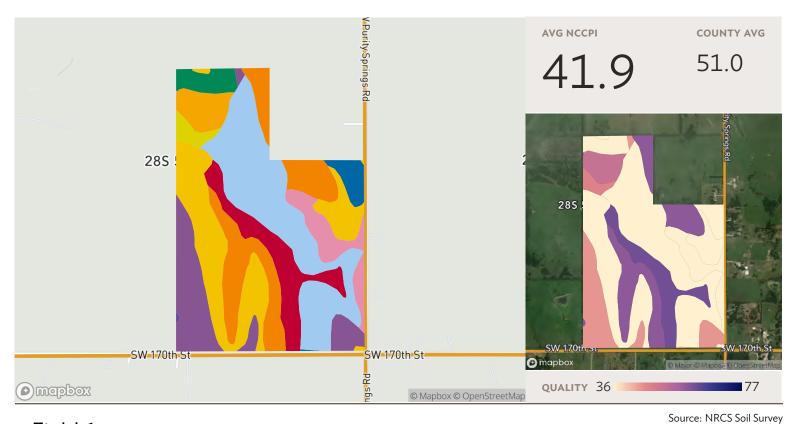


7 fields,	470 acres in Butler County, KS	TOWNS	HIP/SECTION	ı 28S 5E -	. 19, 30
4600	Dwight silt loam, 0 to 1 percent slopes	11.41	2.4%	4	35.6
4671	Irwin silty clay loam, 1 to 3 percent slopes	11.00	2.3%	3	58.4
4670	Irwin silty clay loam, 0 to 1 percent slopes	10.79	2.3%	2	60.4
4674	Irwin silty clay loam, 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
8 302	Verdigris silt loam, 0 to 1 percent slopes, occasionally flooded	2.28	0.5%	2	84.9
		469.93			44.8

Soil Survey: 2 of 11



TOWNSHIP/SECTION 28S 5E - 19, 30



Field 1

199 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES PER	CENTAGE 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

Soil Survey: 3 of 11

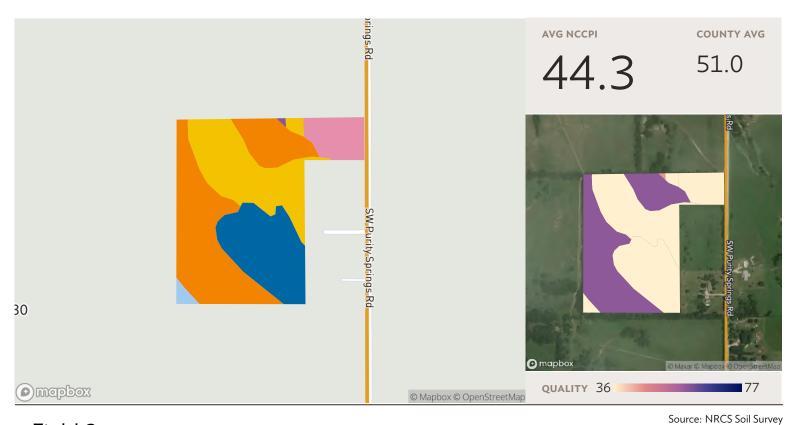


7 fields, 470 acres in Butler County, KS	township/section 28\$ 5E – 19, 30			
4742 Labette silty clay loam, 3 to 7 percent slopes	3.05	1.5%	3	47.2
■ 4670 Irwin silty clay loam, 0 to 1 percent slopes	0.10	0.1%	2	60.4
■ 4671 Irwin silty clay loam, 1 to 3 percent slopes	0.02	0.0%	3	58.4
	199.05			41.9

Soil Survey: 4 of 11



TOWNSHIP/SECTION 28S 5E – 19, 30



Field 2

29 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES PER	CENTAGE 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

Soil Survey: 5 of 11



TOWNSHIP/SECTION 28S 5E - 19, 30



Field 3

103 ac.

lopes 34.00	32.9%	2	
		_	44.8
es 24.72	2 23.9%	6	32.5
10.98	3 10.6%	3	58.4
9.18	8.9%	4	59.3
nt slopes 8.37	8.1%	4	36.1
7.61	7.4%	5	61.8
es 6.23	6.0%	2	48.9
eroded 2.12	2.0%	4	51.8
0.26	5 0.3%	3	36.0
)	7.61 pes 6.23 , eroded 2.12	7.61 7.4% pes 6.23 6.0% q. eroded 2.12 2.0%	7.61 7.4% 5 Des 6.23 6.0% 2 question of the service of the servi

Soil Survey: 6 of 11



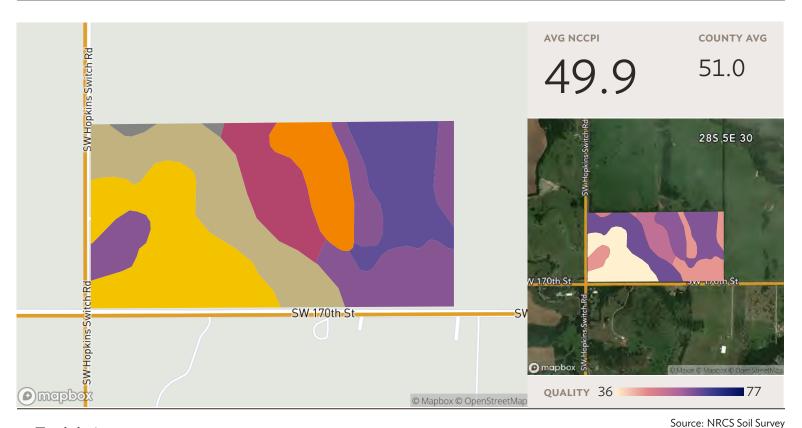
TOWNSHIP/SECTION 28S 5E – 19, 30

103.48 45.5

Soil Survey: 7 of 11



TOWNSHIP/SECTION 28S 5E - 19, 30



Field 4

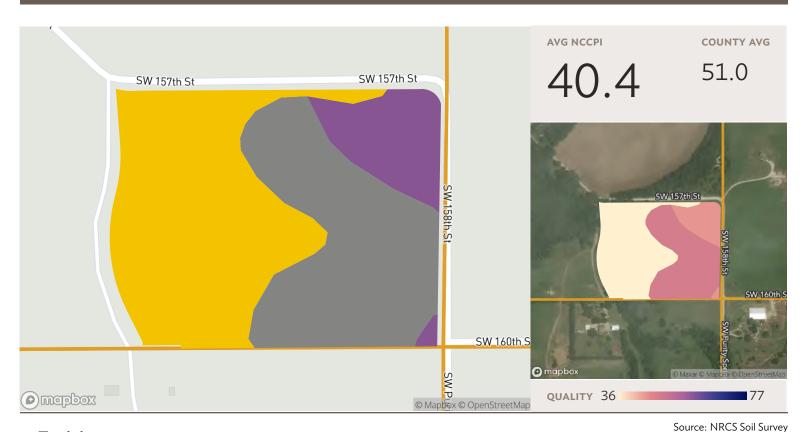
75 ac.

SOIL	SOIL DESCRIPTION	ACRES PER	CENTAGE OF	SOIL	NCCPI
CODE			FIELD	CLASS	
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

Soil Survey: 8 of 11



TOWNSHIP/SECTION 28S 5E - 19, 30



Field 5

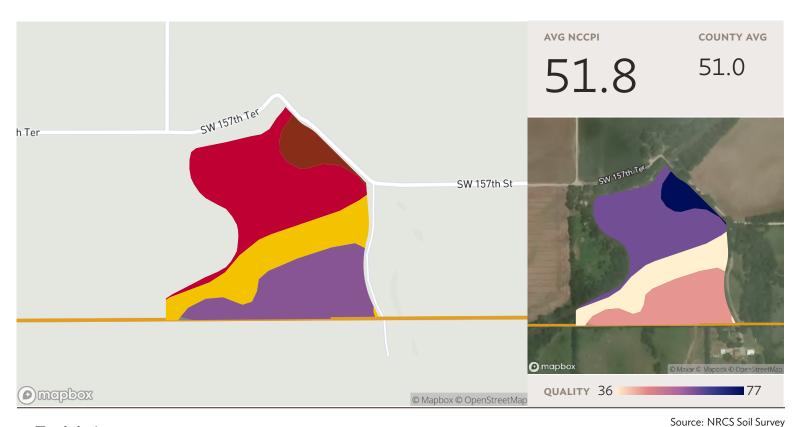
23 ac.

	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

Soil Survey: 9 of 11



TOWNSHIP/SECTION 28S 5E – 19, 30



Field 6

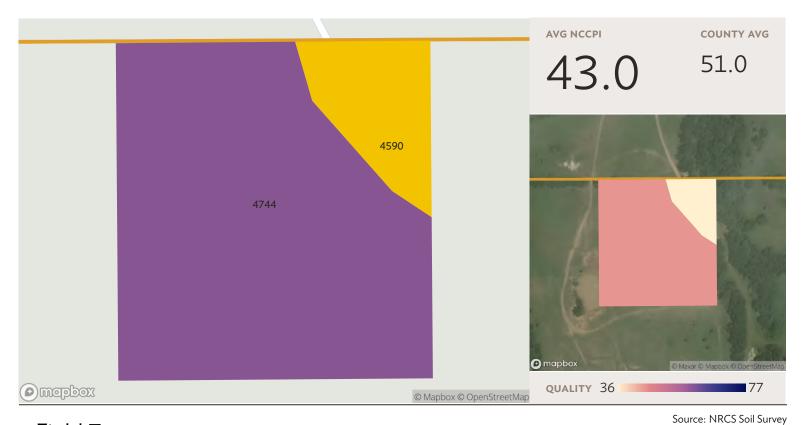
32 ac.

SOIL CODE	SOIL DESCRIPTION	ACRES PER	CENTAGE OF FIELD	SOIL CLASS	NCCPI
8 303	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
8 302	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

Soil Survey: 10 of 11



TOWNSHIP/SECTION 28S 5E - 19, 30



Field 7

7 ac.

SOIL	SOIL DESCRIPTION	ACRES PERC	ENTAGE 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

Soil Survey: 11 of 11



TOWNSHIP/SECTION 28S 5E - 19, 30

285 5E 19 Bois d'Arc 6 5 SW.160th 3 285 5E 30 285 5E 30 285 5E 30 285 5E 30 286 5W 170th St.	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%
28S 5E 30 SW 170th St SW 170th St	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%
SW Purity Springs Rd SW Parity Springs Rd Maxan & Mapbox & Boans Treet Map	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%

Crop History: 1 of 3



TOWNSHIP/SECTION 28S 5E – 19, 30

Bois d'Arc SW 157th St 28S 5E 30 Maxar © Mapbox © ClaenStreet/Moo	Field 3 103 ac.	2021	2020	2019	2018	2017
	■ 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%
Parting Switch St SW 170th St SW 170th St Switch Switch St Switch St Switch Switch St Switch St Switch Switch St Switch Switch Switch St Switch Switc	Field 4 75 ac.	2021	2020	2019	2018	2017
	■ 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%
SW 157th St SW 160th S SW 160th S	Field 5 23 ac.	2021	2020	2019	2018	2017
	■ 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%

Crop History: 2 of 3



TOWNSHIP/SECTION 28S 5E - 19, 30

© mapbox © Maxar © Mapbox © OpenStreetMap	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	0	0	0	0	0
		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%	_	-	-	_
⊙ mapbox ◎ Maxar © Mapbox ◎ OpenStreetMap						

Source: NASS Cropland Data Layer

Crop History: 3 of 3