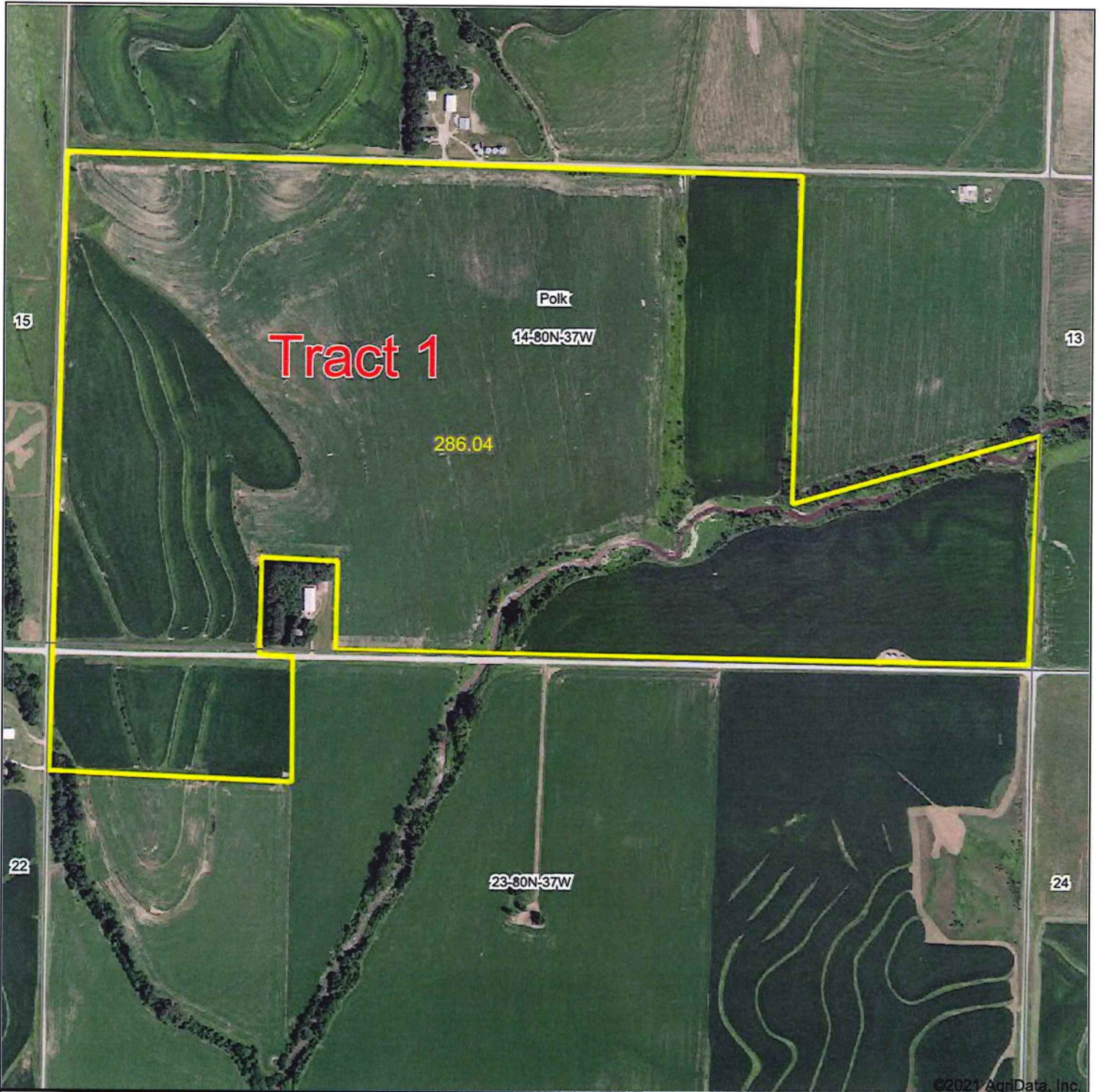
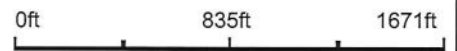


Aerial Map



©2021 AgriData, Inc.

Map Center: 41° 43' 59.23, -95° 7' 21.1

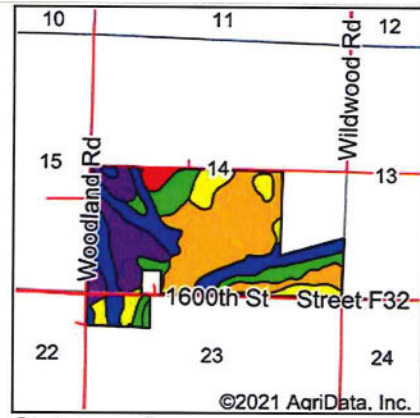
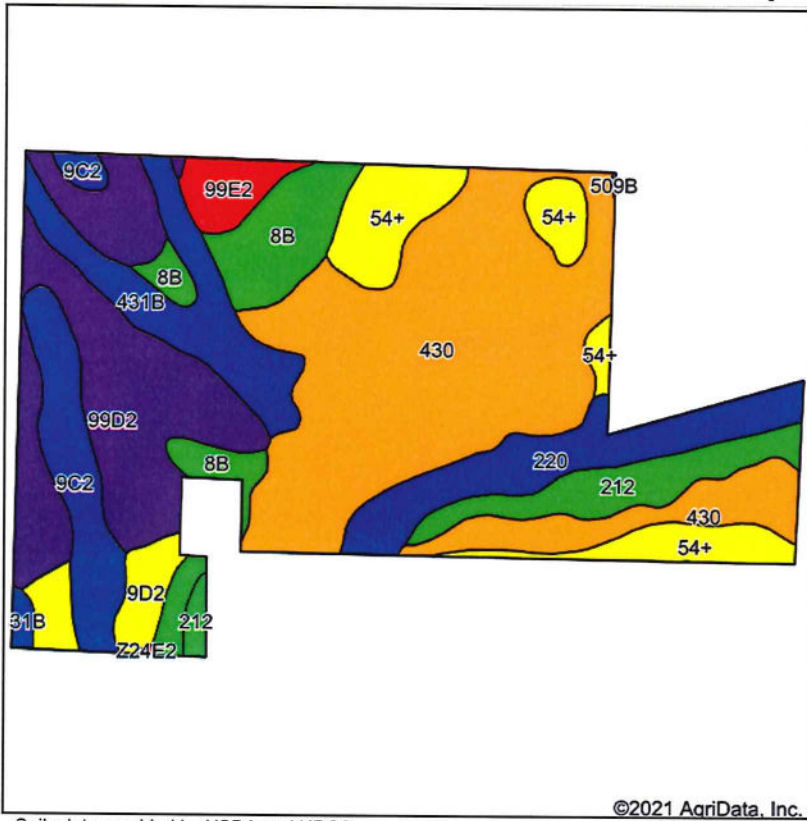


14-80N-37W
Shelby County
Iowa



10/20/2021

Soils Map



State: **Iowa**
 County: **Shelby**
 Location: **14-80N-37W**
 Township: **Polk**
 Acres: **286.04**
 Date: **10/20/2021**



Soils data provided by USDA and NRCS.

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Area Symbol: IA165, Soil Area Version: 27									
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	*n NCCPI Soybeans	
430	Ackmore silt loam, 0 to 2 percent slopes, occasionally flooded	99.75	34.9%			llw	77	88	86
99D2	Exira silty clay loam, 9 to 14 percent slopes, eroded	48.11	16.8%			llle	59	56	66
54+	Zook silt loam, 0 to 2 percent slopes, occasionally flooded, overwash	24.25	8.5%			llw	69	78	66
431B	Judson-Ackmore-Colo, overwash complex, 1 to 5 percent slopes	22.04	7.7%			lle	81	83	76
220	Nodaway silt loam, 0 to 2 percent slopes, occasionally flooded	21.78	7.6%			llw	82	88	95
8B	Judson silty clay loam, deep loess, 2 to 5 percent slopes	21.58	7.5%			lle	92	83	81
9C2	Marshall silty clay loam, 5 to 9 percent slopes, eroded	18.18	6.4%			llle	87	66	71
212	Kennebec silt loam, 0 to 2 percent slopes, occasionally flooded	15.39	5.4%			lw	91	88	93
9D2	Marshall silty clay loam, 9 to 14 percent slopes, eroded	8.54	3.0%			llle	61	56	66
99E2	Exira silty clay loam, 14 to 18 percent slopes, eroded	6.24	2.2%			lVe	50	46	61
Z24E2	Shelby clay loam, deep loess, 14 to 18 percent slopes, eroded	0.11	0.0%			lVe	38		51
509B	Marshall silty clay loam, terrace, 2 to 5 percent slopes	0.07	0.0%			lle	94	83	82
Weighted Average						2.25	75.4	*-	*n 78.7

**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.
 *n: The aggregation method is "Weighted Average using all components"
 *c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.

Aerial Map



Map Center: 41° 42' 23.96, -95° 10' 9.56



28-80N-37W
Shelby County
Iowa



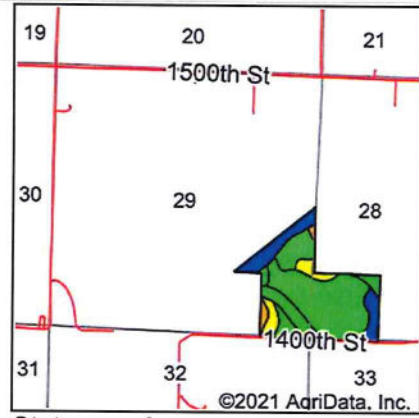
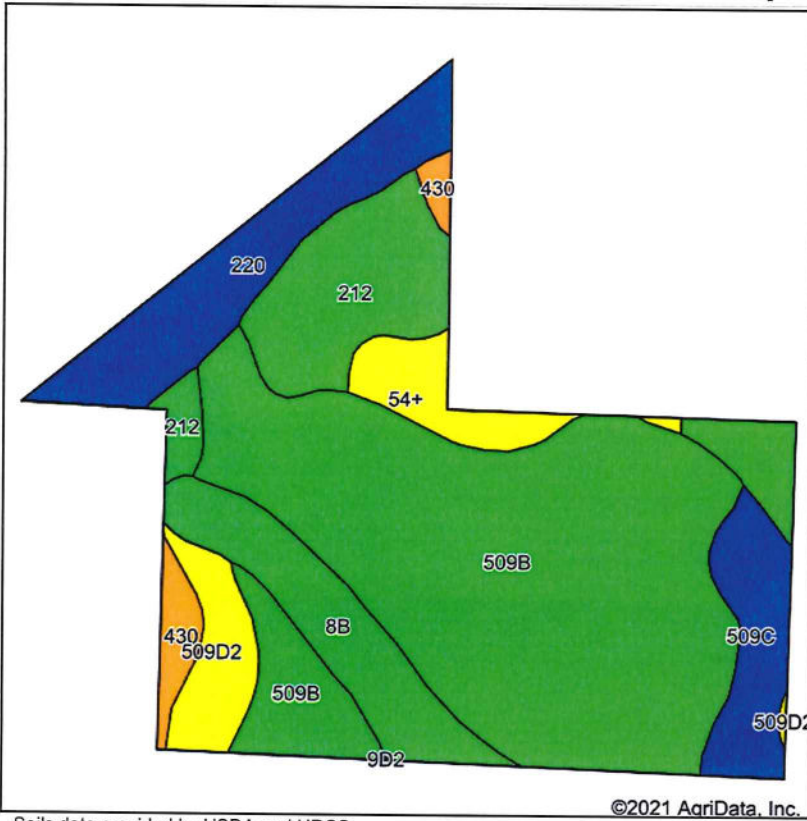
10/20/2021

Maps Provided By:



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Soils Map



State: **Iowa**
 County: **Shelby**
 Location: **28-80N-37W**
 Township: **Polk**
 Acres: **96.31**
 Date: **10/20/2021**



Soils data provided by USDA and NRCS.

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Maps Provided By:



Area Symbol: IA165, Soil Area Version: 27									
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	*n NCCPI Soybeans	
509B	Marshall silty clay loam, terrace, 2 to 5 percent slopes	48.89	50.8%	■	Ile	94	83	82	
212	Kennebec silt loam, 0 to 2 percent slopes, occasionally flooded	12.70	13.2%	■	Iw	91	88	93	
220	Nodaway silt loam, 0 to 2 percent slopes, occasionally flooded	10.29	10.7%	■	IIw	82	88	95	
8B	Judson silty clay loam, deep loess, 2 to 5 percent slopes	8.43	8.8%	■	Ile	92	83	81	
509C	Marshall silty clay loam, terrace, 5 to 9 percent slopes	5.72	5.9%	■	IIIe	90	68	79	
509D2	Marshall silty clay loam, terrace, 9 to 14 percent slopes, eroded	4.13	4.3%	■	IIIe	66	56	67	
54+	Zook silt loam, 0 to 2 percent slopes, occasionally flooded, overwash	3.84	4.0%	■	IIw	69	78	66	
430	Ackmore silt loam, 0 to 2 percent slopes, occasionally flooded	2.31	2.4%	■	IIw	77	88	86	
Weighted Average						1.97	89.3	82.1	*n 83.4

**IA has updated the CSR values for each county to CSR2.

*n: The aggregation method is "Weighted Average using all components"

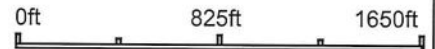
*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.

Aerial Map



Map Center: 41° 42' 57.55, -95° 9' 57.7



28-80N-37W
Shelby County
Iowa

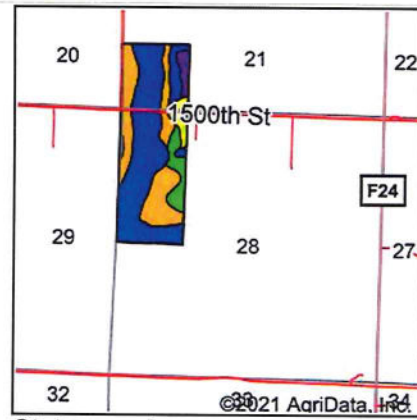
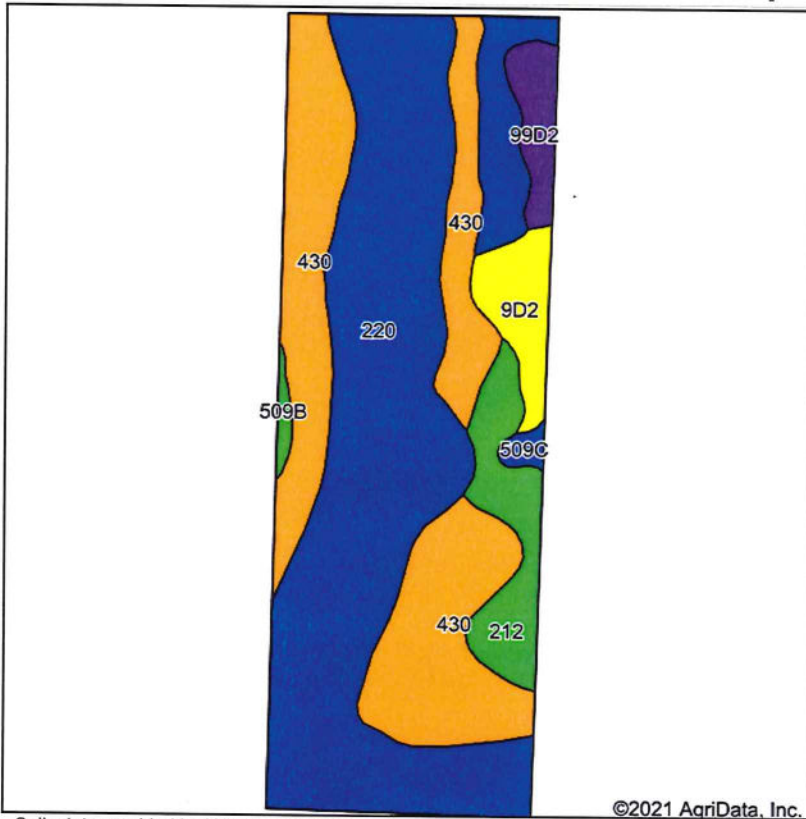


10/20/2021

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Soils Map



State: **Iowa**
 County: **Shelby**
 Location: **28-80N-37W**
 Township: **Polk**
 Acres: **120.06**
 Date: **10/20/2021**



Soils data provided by USDA and NRCS.

Area Symbol: IA165, Soil Area Version: 27

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR	*n NCCPI Soybeans	
220	Nodaway silt loam, 0 to 2 percent slopes, occasionally flooded	57.13	47.6%		llw	82	88	95	
430	Ackmore silt loam, 0 to 2 percent slopes, occasionally flooded	38.03	31.7%		llw	77	88	86	
212	Kennebec silt loam, 0 to 2 percent slopes, occasionally flooded	8.48	7.1%		lw	91	88	93	
431B	Judson-Ackmore-Colo, overwash complex, 1 to 5 percent slopes	5.78	4.8%		lle	81	83	76	
9D2	Marshall silty clay loam, 9 to 14 percent slopes, eroded	5.32	4.4%		llle	61	56	66	
99D2	Exira silty clay loam, 9 to 14 percent slopes, eroded	3.72	3.1%		llle	59	56	66	
509C	Marshall silty clay loam, terrace, 5 to 9 percent slopes	0.85	0.7%		llle	90	68	79	
509B	Marshall silty clay loam, terrace, 2 to 5 percent slopes	0.75	0.6%		lle	94	83	82	
Weighted Average						2.01	79.5	85.2	*n 88.7

**IA has updated the CSR values for each county to CSR2.
 *n: The aggregation method is "Weighted Average using all components"
 *c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.