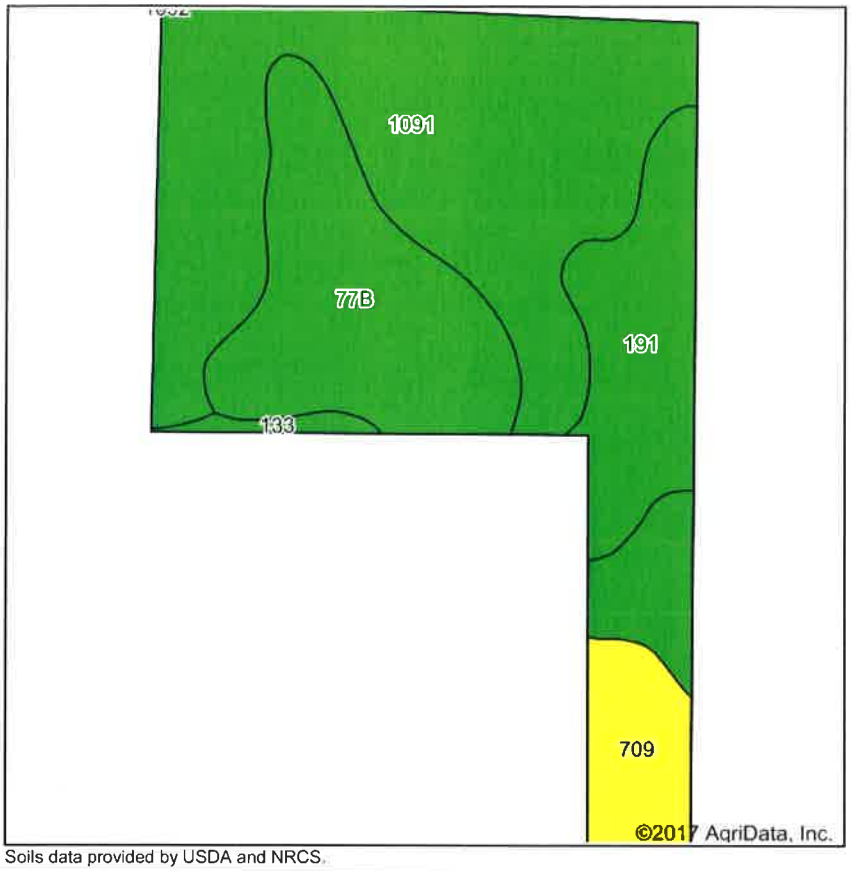
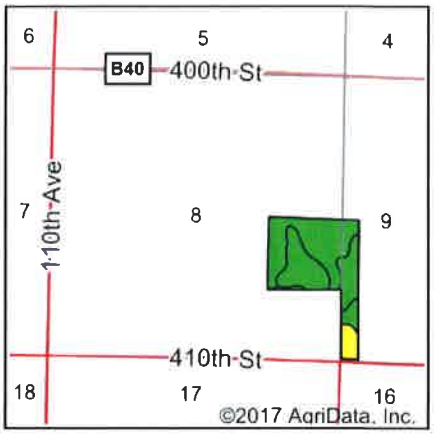
Tract 1 **Soils Map**



Soils data provided by USDA and NRCS.



State: **Iowa**
County: **Clay**
Location: **9-95N-38W**
Township: **Clay**
Acres: **59.89**
Date: **12/26/2017**

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Area Symbol: IA041, Soil Area Version: 27

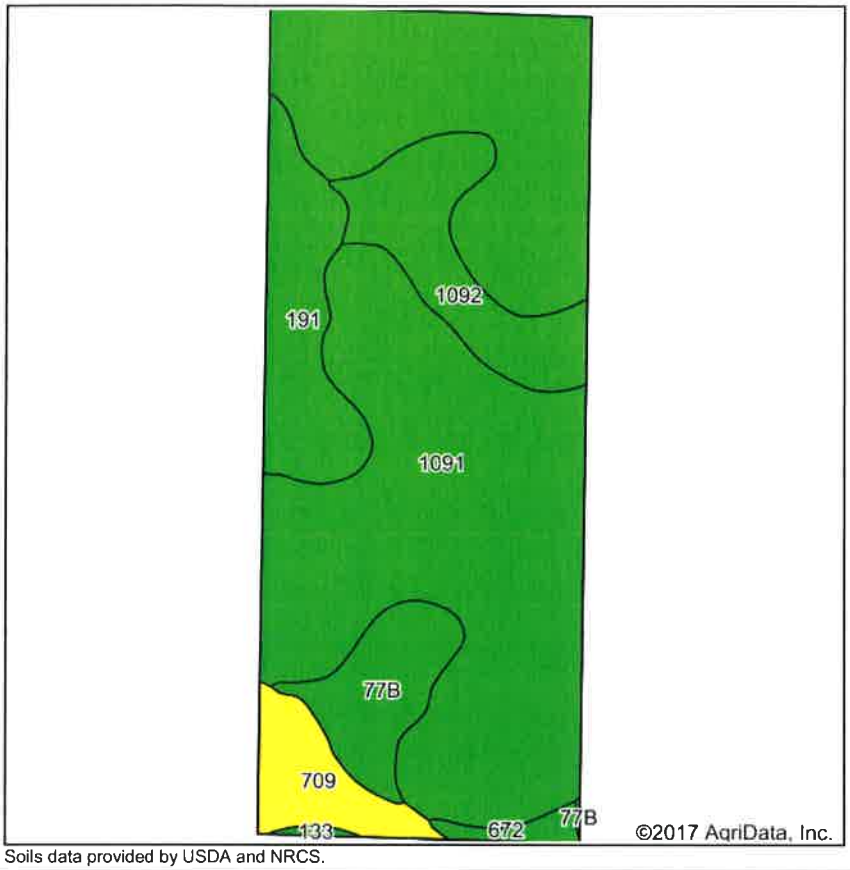
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR
1091	McCreath silty clay loam, 0 to 2 percent slopes	32.25	53.8%		Iw	98	83
77B	Sac silty clay loam, loam substratum, 2 to 5 percent slopes	13.96	23.3%		IIe	95	71
191	Rushmore silty clay loam, 0 to 2 percent slopes	8.53	14.2%		IIw	95	76
709	Fairhaven silt loam, 32 to 40 inches to sand and gravel, 0 to 2 percent slopes	4.45	7.4%		Is	61	63
133	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	0.70	1.2%		IIw	78	73
					Weighted Average	**93.9**	**77.6**

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

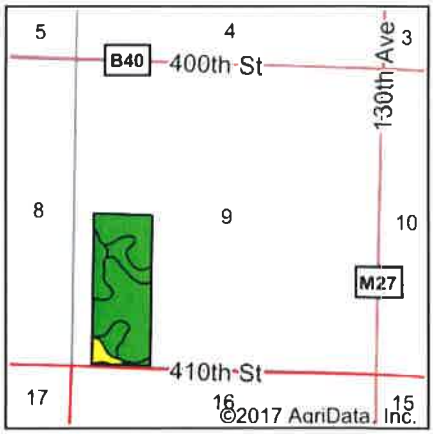
*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.

Tract 2 **Soils Map**



Soils data provided by USDA and NRCS.



State: **Iowa**
County: **Clay**
Location: **9-95N-38W**
Township: **Clay**
Acres: **59.32**
Date: **12/26/2017**

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N W E S

Area Symbol: IA041, Soil Area Version: 27

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	Irr Class *c	CSR2**	CSR
1091	McCreath silty clay loam, 0 to 2 percent slopes	40.45	68.2%		Iw		98	83
1092	Gillett Grove silty clay loam, 0 to 2 percent slopes	5.62	9.5%		IIw		94	78
191	Rushmore silty clay loam, 0 to 2 percent slopes	5.58	9.4%		IIw		95	76
77B	Sac silty clay loam, loam substratum, 2 to 5 percent slopes	3.87	6.5%		IIe		95	71
709	Fairhaven silt loam, 32 to 40 inches to sand and gravel, 0 to 2 percent slopes	3.03	5.1%		Is		61	63
672	May City sandy clay loam, 0 to 2 percent slopes	0.64	1.1%		IVs	IIs	74	38
133	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	0.13	0.2%		IIw		78	73
						Weighted Average	**95**	**79.6**

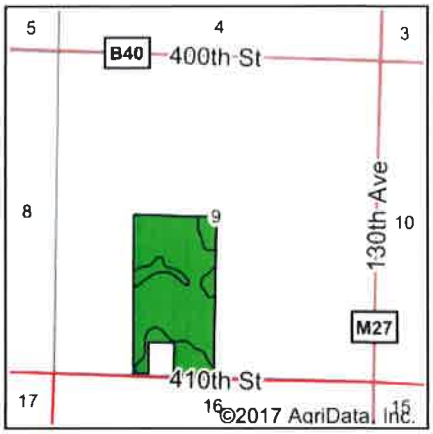
**IA has updated the CSR values for each county to CSR2.

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.

Tract 3 **Soils Map**

Soils data provided by USDA and NRCS.



State: **Iowa**
County: **Clay**
Location: **9-95N-38W**
Township: **Clay**
Acres: **74.51**
Date: **12/26/2017**

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N W E S

Area Symbol: IA041, Soil Area Version: 27

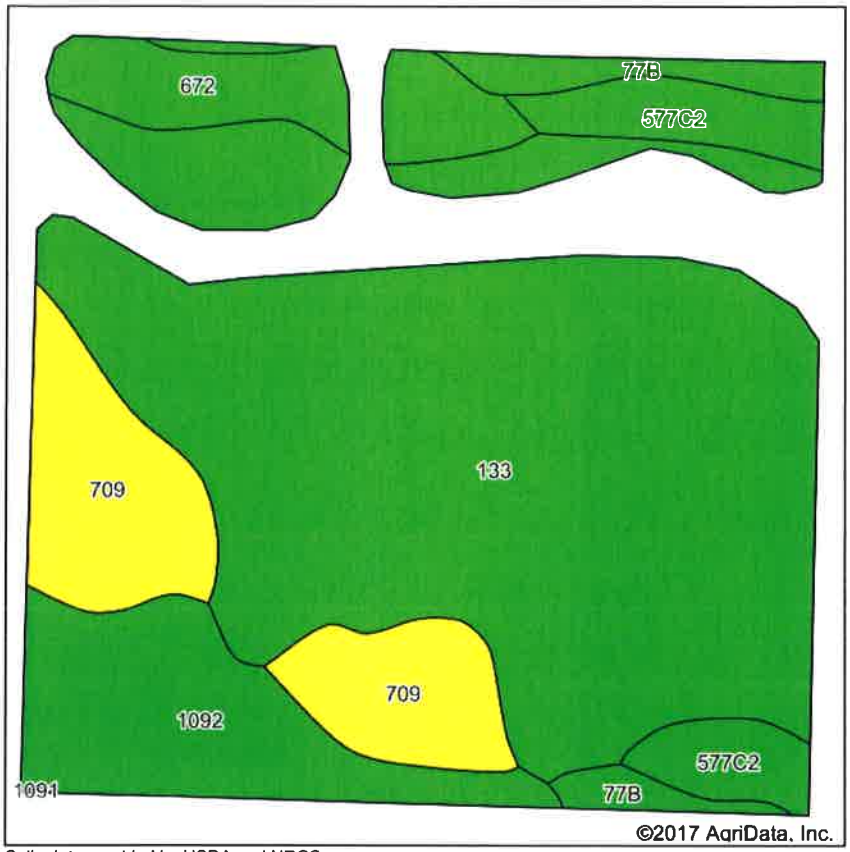
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	Irr Class *c	CSR2**	CSR
1091	McCreath silty clay loam, 0 to 2 percent slopes	56.24	75.5%		Iw		98	83
77B	Sac silty clay loam, loam substratum, 2 to 5 percent slopes	11.32	15.2%		IIe		95	71
1092	Gillett Grove silty clay loam, 0 to 2 percent slopes	6.83	9.2%		IIw		94	78
672	May City sandy clay loam, 0 to 2 percent slopes	0.12	0.2%		IVs	IIs	74	38
						Weighted Average	**97.1**	**80.6**

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

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.

Tract 4 **Soils Map**



Soils data provided by USDA and NRCS.

State: **Iowa**
County: **Clay**
Location: **16-95N-38W**
Township: **Clay**
Acres: **33.9**
Date: **12/26/2017**

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Area Symbol: IA041, Soil Area Version: 27

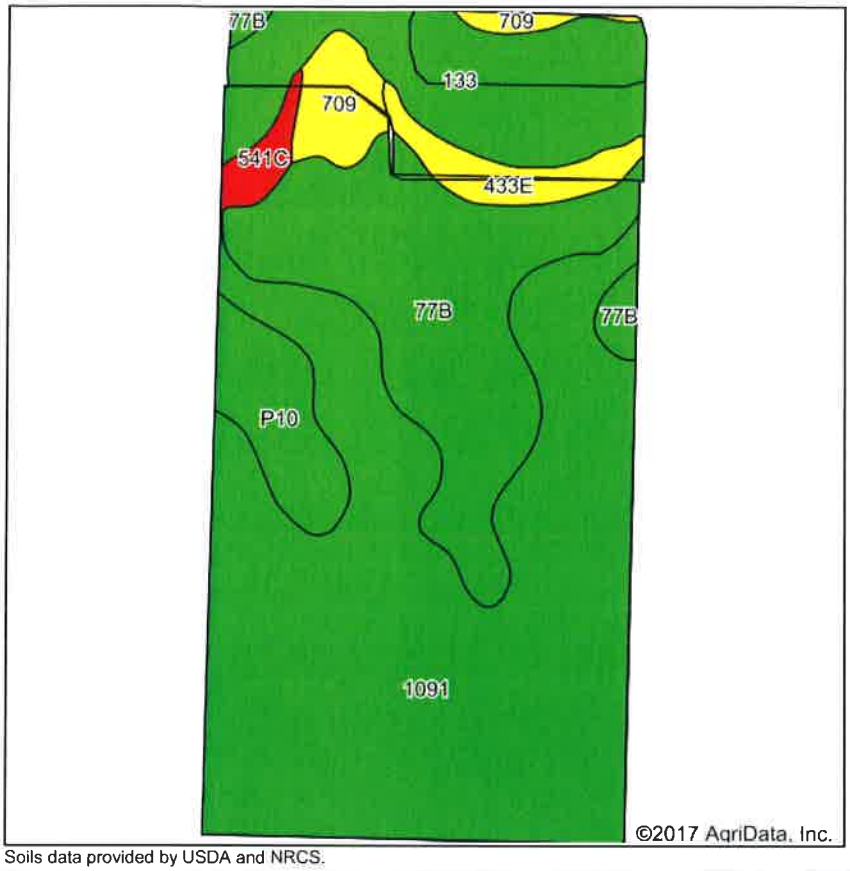
Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	Irr Class *c	CSR2**	CSR
133	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	20.38	60.1%		IIw		78	73
709	Fairhaven silt loam, 32 to 40 inches to sand and gravel, 0 to 2 percent slopes	4.29	12.7%		Is		61	63
1092	Gillett Grove silty clay loam, 0 to 2 percent slopes	3.83	11.3%		IIw		94	78
672	May City sandy clay loam, 0 to 2 percent slopes	2.25	6.6%		IVs	IIs	74	38
577C2	Everly clay loam, 5 to 9 percent slopes, moderately eroded	1.95	5.8%		IIIe		83	51
77B	Sac silty clay loam, loam substratum, 2 to 5 percent slopes	1.20	3.5%		IIe		95	71
						Weighted Average	**78.3**	**68.6**

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

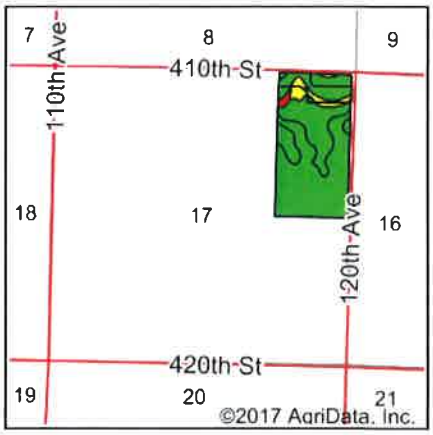
*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.

Tract 5 **Soils Map**



Soils data provided by USDA and NRCS.



State: **Iowa**
County: **Clay**
Location: **17-95N-38W**
Township: **Clay**
Acres: **77.91**
Date: **12/26/2017**

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N W E S

Area Symbol: IA041, Soil Area Version: 27

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR
1091	McCreath silty clay loam, 0 to 2 percent slopes	41.34	53.1%		Iw	98	83
77B	Sac silty clay loam, loam substratum, 2 to 5 percent slopes	16.87	21.7%		IIe	95	71
133	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	9.88	12.7%		IIw	78	73
P10	Afton silty clay loam, Sheldon creek formation, 0 to 2 percent slopes, occasionally flooded	3.87	5.0%		IIw	82	
709	Fairhaven silt loam, 32 to 40 inches to sand and gravel, 0 to 2 percent slopes	2.64	3.4%		Is	61	63
433E	Moneta loam, 14 to 18 percent slopes	2.27	2.9%		IVe	43	25
541C	Estherville-Hawick complex, 5 to 9 percent slopes	1.04	1.3%		IIIs	24	5
					Weighted Average	**90.2**	*-

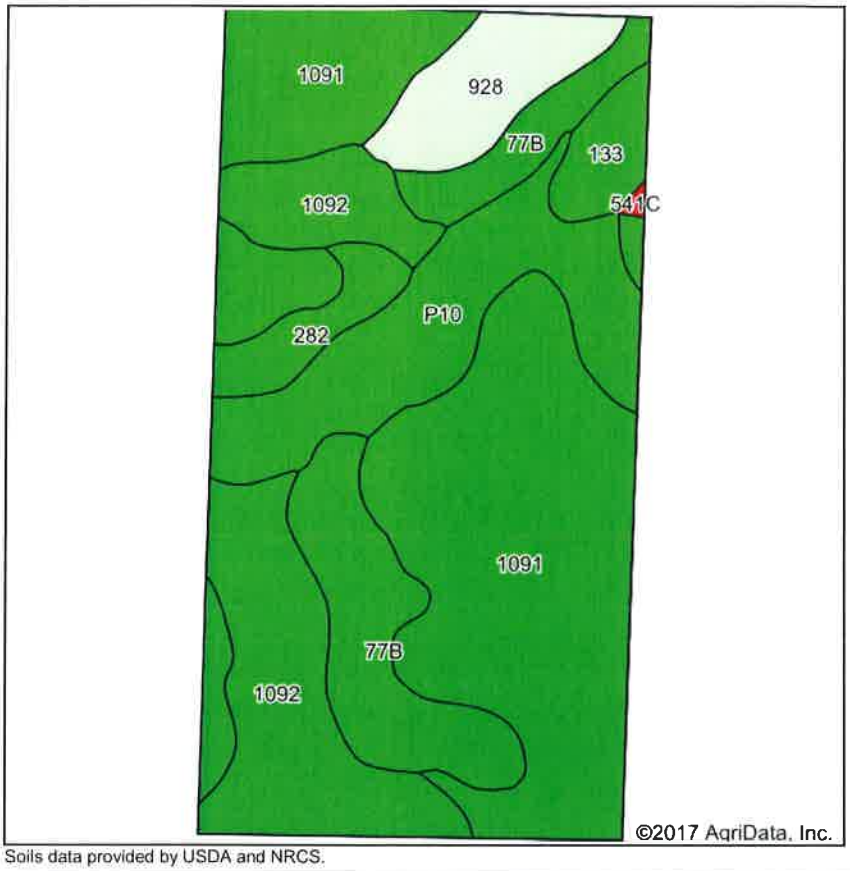
**IA has updated the CSR values for each county to CSR2.

*- CSR weighted average cannot be calculated on the current soils data, use prior data version for csr values.

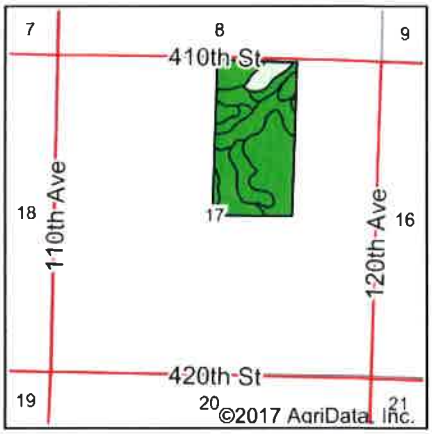
*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.

Tract 6 **Soils Map**



Soils data provided by USDA and NRCS.



State: **Iowa**
County: **Clay**
Location: **17-95N-38W**
Township: **Clay**
Acres: **78.96**
Date: **12/26/2017**

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N W E S

Area Symbol: IA041, Soil Area Version: 27

Code	Soil Description	Acres	Percent of field	CSR2 Legend	Non-Irr Class *c	CSR2**	CSR
1091	McCreath silty clay loam, 0 to 2 percent slopes	33.52	42.5%		Iw	98	83
1092	Gillett Grove silty clay loam, 0 to 2 percent slopes	13.93	17.6%		IIw	94	78
P10	Afton silty clay loam, Sheldon creek formation, 0 to 2 percent slopes, occasionally flooded	11.12	14.1%		IIw	82	
77B	Sac silty clay loam, loam substratum, 2 to 5 percent slopes	10.53	13.3%		IIe	95	71
928	Annieville silty clay loam, 0 to 2 percent slopes	4.87	6.2%		Ie	100	78
282	Ransom silty clay loam, 1 to 3 percent slopes	2.62	3.3%		Iw	95	81
133	Colo silty clay loam, deep loess, 0 to 2 percent slopes, occasionally flooded	2.25	2.8%		IIw	78	73
541C	Estherville-Hawick complex, 5 to 9 percent slopes	0.12	0.2%		IIIs	24	5
					Weighted Average	**94**	*-

**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.

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS.