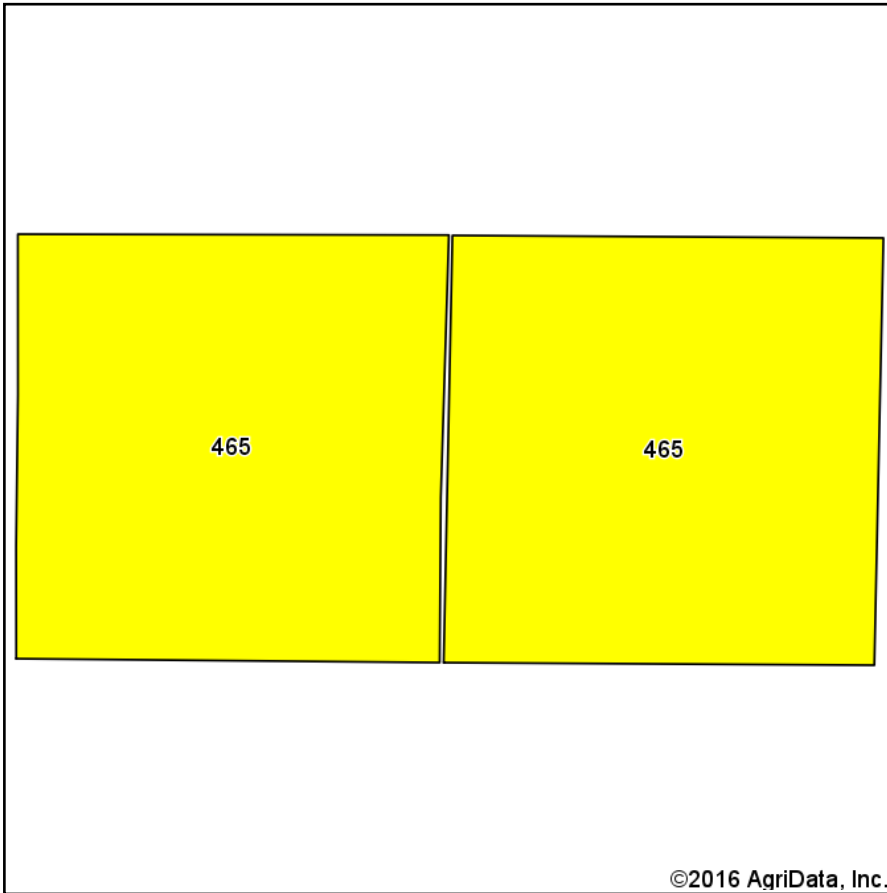
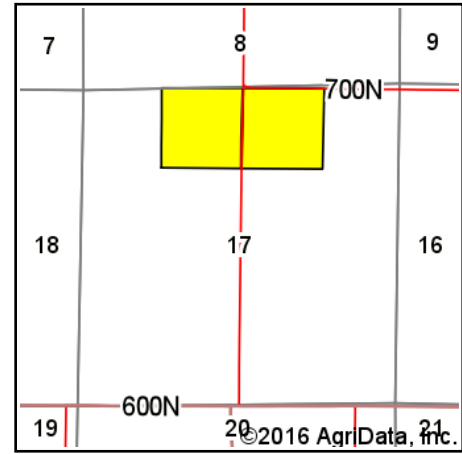


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Edwards**
 Location: **17-2S-14W**
 Township: **Browns**
 Acres: **82.5**
 Date: **10/13/2016**



Maps Provided By:



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Area Symbol: IL047, Soil Area Version: 7

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting ^a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume hay, T/A	Crop productivity index for optimum management
465	Montgomery silty clay	82.50	100.0%		0ft.	> 6.5ft.	Very poorly drained	FAV	148	49	58	4.52	110
Weighted Average									148	49	58	4.52	110

Area Symbol: IL047, Soil Area Version: 7

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site:

<https://www.ideals.illinois.edu/handle/2142/1027/>

** Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

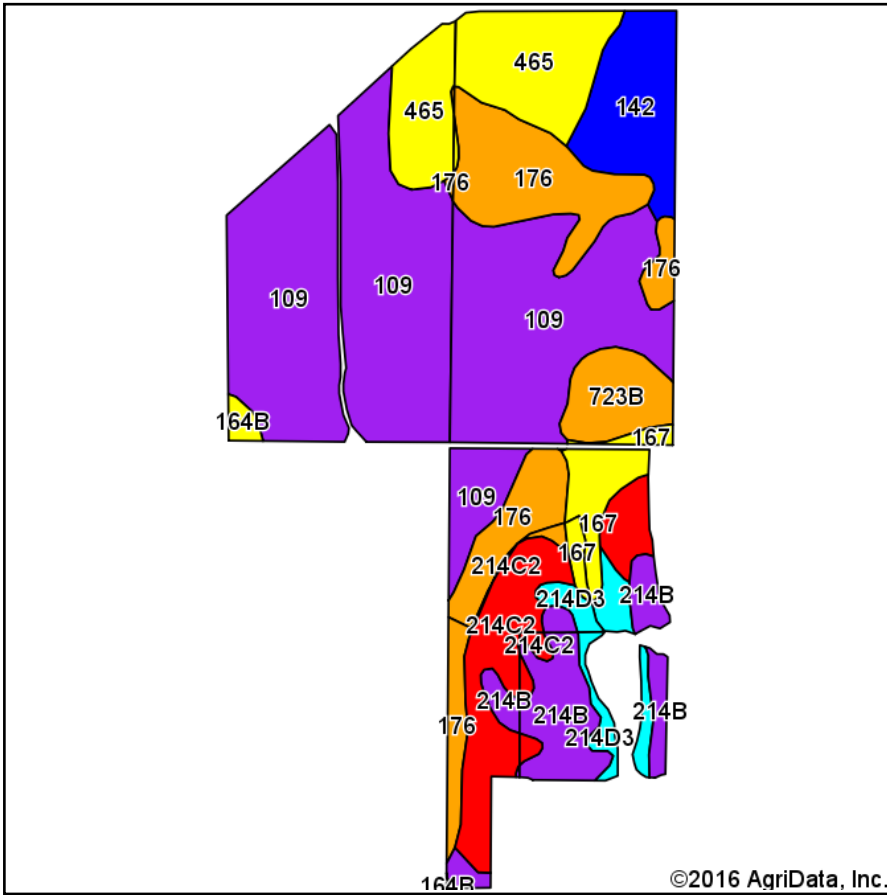
^a UNF = unfavorable; FAV = favorable

^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

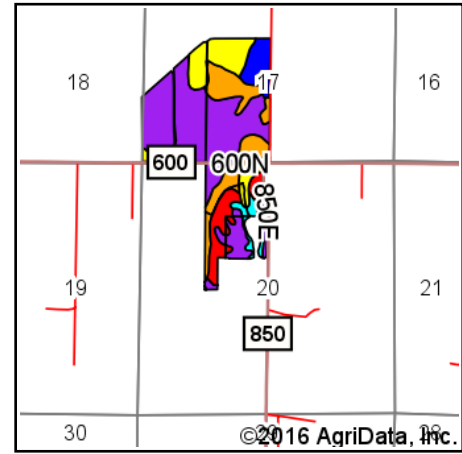
Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Edwards**
 Location: **17-2S-14W**
 Township: **Browns**
 Acres: **197.74**
 Date: **10/13/2016**



Area Symbol: IL047, Soil Area Version: 7

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
109	Racoon silt loam, 0 to 2 percent slopes	88.16	44.6%		0.5ft.	> 6.5ft.	Poorly drained	FAV	144	46	56	0.00	106
176	Marissa silt loam	26.23	13.3%		2ft.	> 6.5ft.	Somewhat poorly drained	FAV	167	53	69	5.39	123
465	Montgomery silty clay	20.56	10.4%		0ft.	> 6.5ft.	Very poorly drained	FAV	148	49	58	4.52	110
**214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded	13.55	6.9%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
**214B	Hosmer silt loam, 2 to 4 percent slopes	12.96	6.6%		2.2ft.	> 6.5ft.	Well drained	UNF	**139	**46	**57	0.00	**104
142	Patton silty clay loam	12.21	6.2%		0ft.	> 6.5ft.	Poorly drained	FAV	178	58	68	5.39	132
**723B	Reesville silt loam, 2 to 4 percent slopes	6.90	3.5%		1.7ft.	> 6.5ft.	Somewhat poorly drained	FAV	**168	**54	**65	**6.07	**123
167	Lukin silt loam	6.38	3.2%		2ft.	> 6.5ft.	Somewhat poorly drained	FAV	147	47	58	4.64	108
**214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded	5.85	3.0%		2.2ft.	> 6.5ft.	Well drained	UNF	**104	**34	**43	0.00	**78



**214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded	3.06	1.5%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
**164B	Stoy silt loam, 2 to 5 percent slopes	0.97	0.5%		2ft.	3.7ft. (Fragipan)	Somewhat poorly drained	FAV	**144	**47	**57	**4.59	**108
**164C2	Stoy silt loam, 5 to 10 percent slopes, eroded	0.91	0.5%		2ft.	3.5ft. (Fragipan)	Somewhat poorly drained	FAV	**135	**44	**54	**4.32	**101
Weighted Average									147.4	47.5	58.4	1.92	109

Area Symbol: IL047, Soil Area Version: 7

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site:

<https://www.ideals.illinois.edu/handle/2142/1027/>

** Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

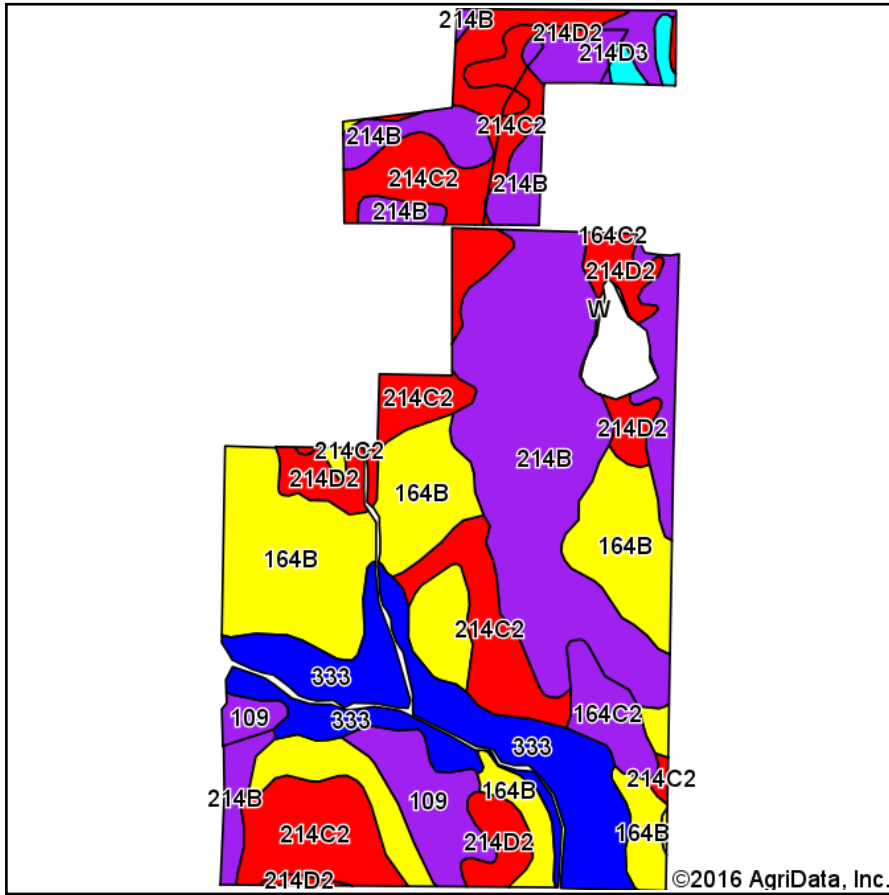
a UNF = unfavorable; FAV = favorable

e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

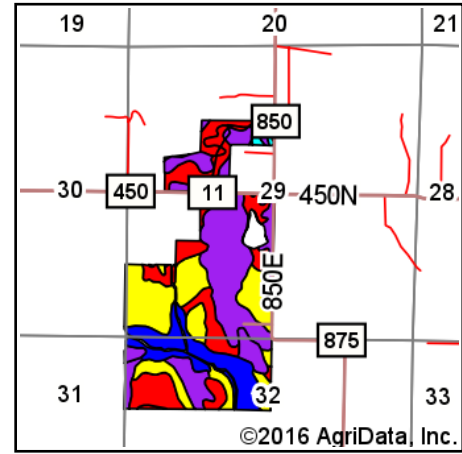
*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Edwards**
 Location: **29-2S-14W**
 Township: **French Creek**
 Acres: **239.21**
 Date: **10/13/2016**



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Area Symbol: IL047, Soil Area Version: 7

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
**214B	Hosmer silt loam, 2 to 4 percent slopes	69.35	29.0%		2.2ft.	> 6.5ft.	Well drained	UNF	**139	**46	**57	0.00	**104
**164B	Stoy silt loam, 2 to 5 percent slopes	60.66	25.4%		2ft.	3.7ft. (Fragipan)	Somewhat poorly drained	FAV	**144	**47	**57	**4.59	**108
**214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded	40.25	16.8%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
333	Wakeland silt loam	30.50	12.8%		2ft.	> 6.5ft.	Somewhat poorly drained	FAV	174	56	68	5.14	128
**214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded	19.54	8.2%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
109	Racoon silt loam, 0 to 2 percent slopes	11.05	4.6%		0.5ft.	> 6.5ft.	Poorly drained	FAV	144	46	56	0.00	106
**164C2	Stoy silt loam, 5 to 10 percent slopes, eroded	5.63	2.4%		2ft.	3.5ft. (Fragipan)	Somewhat poorly drained	FAV	**135	**44	**54	**4.32	**101
**214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded	1.75	0.7%		2.2ft.	> 6.5ft.	Well drained	UNF	**104	**34	**43	0.00	**78
W	Water	0.22	0.1%		> 6.5ft.	> 6.5ft.							
208	Sexton silt loam	0.17	0.1%		0.5ft.	> 6.5ft.	Poorly drained	FAV	157	50	63	4.89	116

382	Belknap silt loam, 0 to 2 percent slopes, frequently flooded	0.09	0.0%		1.2ft.	> 6.5ft.	Somewhat poorly drained	FAV	156	52	63	4.89	117
Weighted Average									141.3	46.1	56.9	1.93	105.6

Area Symbol: IL047, Soil Area Version: 7

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site:

<https://www.ideals.illinois.edu/handle/2142/1027/>

** Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

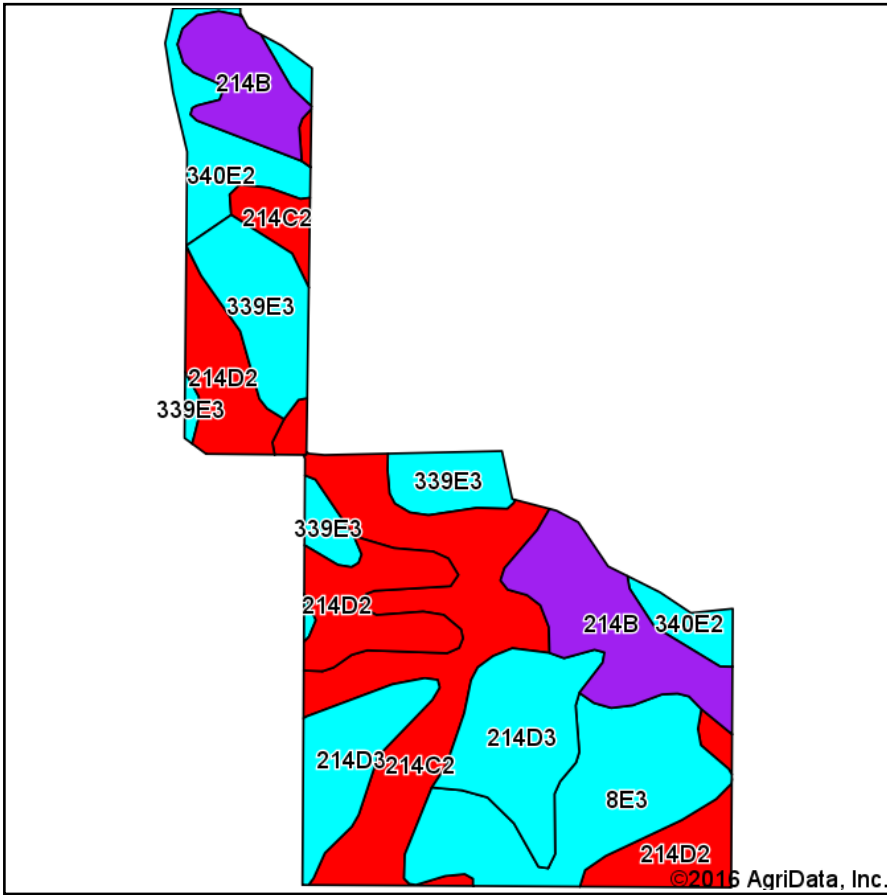
a UNF = unfavorable; FAV = favorable

e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

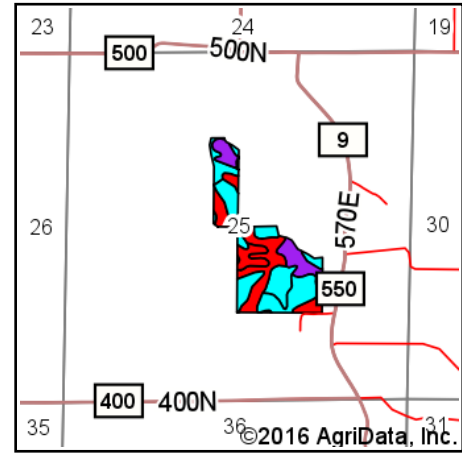
*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Edwards**
 Location: **25-2S-10E**
 Township: **French Creek**
 Acres: **45.7**
 Date: **10/13/2016**



Area Symbol: IL047, Soil Area Version: 7

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting a	Com Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
**214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded	9.92	21.7%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
**214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded	7.08	15.5%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
**214D3	Hosmer soils, 7 to 12 percent slopes, severely eroded	6.78	14.8%		2.2ft.	> 6.5ft.	Well drained	UNF	**104	**34	**43	0.00	**78
**214B	Hosmer silt loam, 2 to 4 percent slopes	6.69	14.6%		2.2ft.	> 6.5ft.	Well drained	UNF	**139	**46	**57	0.00	**104
**8E3	Hickory clay loam, 18 to 25 percent slopes, severely eroded	6.56	14.4%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**82	**28	**33	0.00	**63
**339E3	Wellston soils, 12 to 30 percent slopes, severely eroded	5.49	12.0%		> 6.5ft.	2.5ft. (Lithic bedrock)	Well drained	UNF	**67	**23	**27	**2.04	**50
**340E2	Zanesville silt loam, 12 to 18 percent slopes, eroded	3.18	7.0%		2.5ft.	3.7ft. (Lithic bedrock)	Well drained	UNF	**104	**36	**45	**3.27	**79
Weighted Average									109.7	36.3	45.2	0.47	82.7

Area Symbol: IL047, Soil Area Version: 7

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site:

<https://www.ideals.illinois.edu/handle/2142/1027/>

** Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

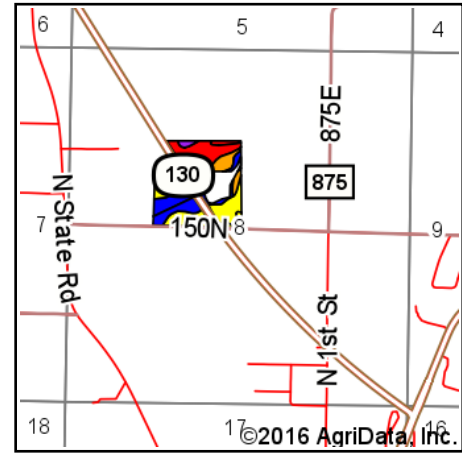
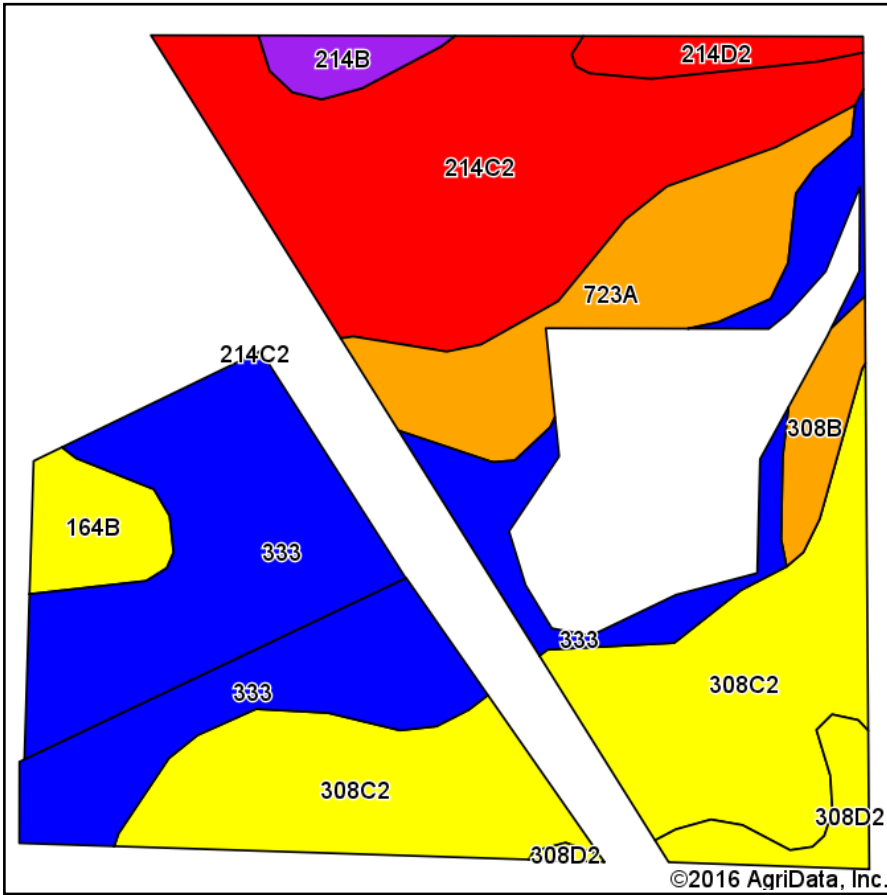
a UNF = unfavorable; FAV = favorable

e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

Soils Map



State: **Illinois**
 County: **Edwards**
 Location: **8-3S-14W**
 Township: **French Creek**
 Acres: **28.81**
 Date: **10/13/2016**



Soils data provided by USDA and NRCS.

Area Symbol: IL047, Soil Area Version: 7

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume e hay, T/A	Crop productivity index for optimum management
333	Wakeland silt loam	8.97	31.1%		2ft.	> 6.5ft.	Somewhat poorly drained	FAV	174	56	68	5.14	128
**214C2	Hosmer silt loam, 4 to 7 percent slopes, eroded	6.90	24.0%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
**308C2	Alford silt loam, 4 to 7 percent slopes, eroded	6.78	23.5%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**155	**47	**60	0.00	**113
723A	Reesville silt loam, 0 to 2 percent slopes	2.88	10.0%		1.7ft.	> 6.5ft.	Somewhat poorly drained	FAV	170	55	66	6.13	124
**164B	Stoy silt loam, 2 to 5 percent slopes	0.91	3.2%		2ft.	3.7ft. (Fragipan)	Somewhat poorly drained	FAV	**144	**47	**57	**4.59	**108
**308D2	Alford silt loam, 7 to 16 percent slopes, eroded	0.71	2.5%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**149	**45	**58	0.00	**108
**308B	Alford silt loam, 2 to 4 percent slopes	0.66	2.3%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**165	**50	**64	0.00	**120
**214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded	0.55	1.9%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
**214B	Hosmer silt loam, 2 to 4 percent slopes	0.45	1.6%		2.2ft.	> 6.5ft.	Well drained	UNF	**139	**46	**57	0.00	**104
Weighted Average									154.4	49.1	60.9	2.36	113.9

Area Symbol: IL047, Soil Area Version: 7

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

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** Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

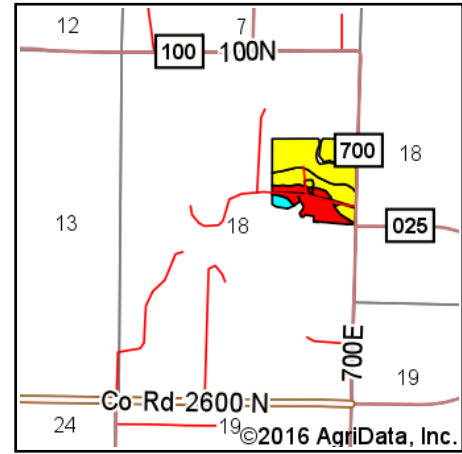
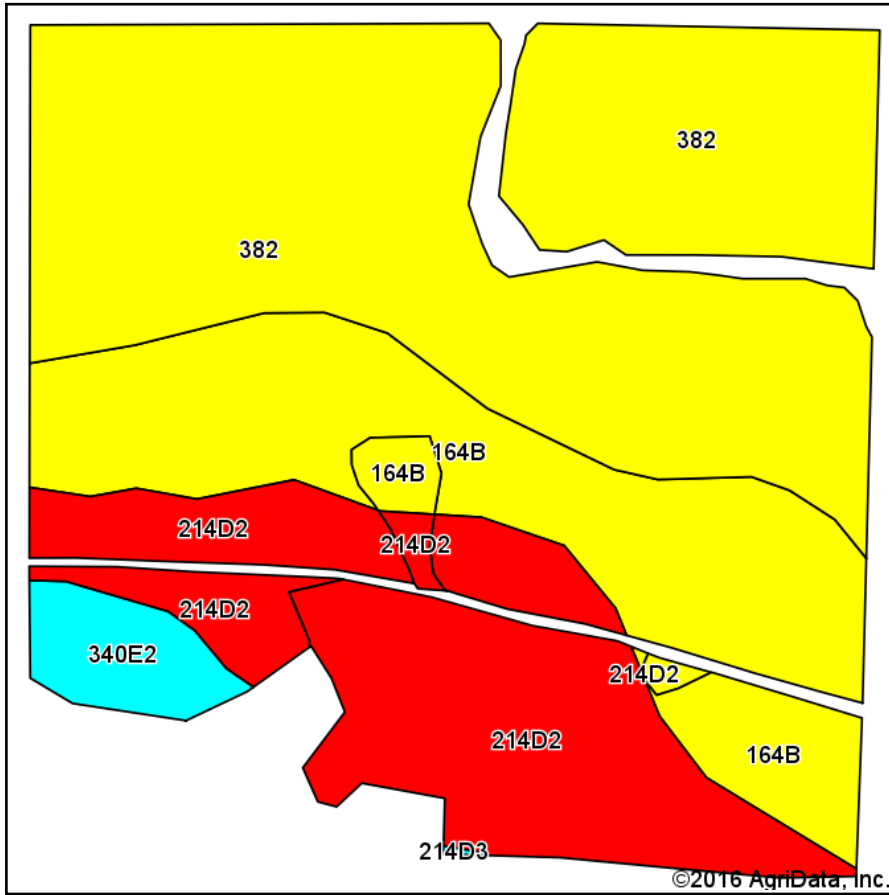
a UNF = unfavorable; FAV = favorable

e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

*c: Using Capabilities Class Dominant Condition Aggregation Method

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

Soils Map



State: **Illinois**
 County: **Edwards**
 Location: **18-3S-11E**
 Township: **French Creek**
 Acres: **32.56**
 Date: **10/13/2016**



Area Symbol: IL047, Soil Area Version: 7

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting ^a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-legume ^e hay, T/A	Crop productivity index for optimum management
382	Belknap silt loam, 0 to 2 percent slopes, frequently flooded	15.85	48.7%		1.2ft.	> 6.5ft.	Somewhat poorly drained	FAV	156	52	63	4.89	117
**164B	Stoy silt loam, 2 to 5 percent slopes	8.08	24.8%		2ft.	3.7ft. (Fragipan)	Somewhat poorly drained	FAV	**144	**47	**57	**4.59	**108
**214D2	Hosmer silt loam, 7 to 12 percent slopes, eroded	7.56	23.2%		2.2ft.	> 6.5ft.	Well drained	UNF	**126	**41	**52	0.00	**95
**340E2	Zanesville silt loam, 12 to 18 percent slopes, eroded	1.07	3.3%		2.5ft.	3.7ft. (Lithic bedrock)	Well drained	UNF	**104	**36	**45	**3.27	**79
Weighted Average									144.3	47.7	58.4	3.63	108.4

Area Symbol: IL047, Soil Area Version: 7

Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site:

<https://www.ideals.illinois.edu/handle/2142/1027/>

** Indexes adjusted for slope and erosion according to Bulletin 811 Table S3

^a UNF = unfavorable; FAV = favorable

^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

*c: Using Capabilities Class Dominant Condition Aggregation Method