

State: Illinois **Edwards** County: 17-2S-14W Location: Township: **Browns** Acres: 82.5

Date: 10/13/2016







Area	Area Symbol: IL047, Soil Area Version: 7												
Code	Soil Description	Acres		II. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting <i>a</i>				me <b>e</b> hay,	Crop productivity index for optimum management
465	Montgomery silty clay	82.50	100.0%		Oft.	> 6.5ft.	Very poorly drained		148	49	58	4.52	110
Weighted Average										49	58	4.52	110

Area Symbol: IL047, Soil Area Version: 7

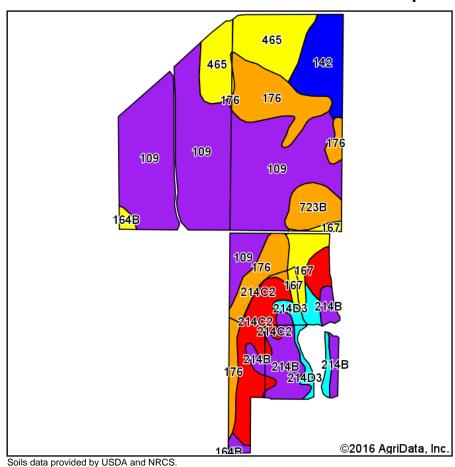
Table: Optimum Crop Productivity Ratings for Illinois Soil by K.R. Olson and J.M. Lang, Office of Research, ACES, University of Illinois at Champaign-Urbana. Version: 1/2/2012 Amended Table S2 B811

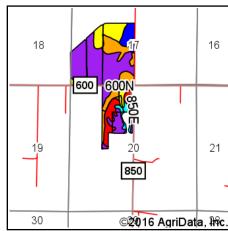
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- \*\* Indexes adjusted for slope and erosion according to Bulletin 811 Table S3
- a UNF = unfavorable; FAV = favorable
- e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".

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





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







Area Symbol: IL047, Soil Area Version: 7 Percent II. State Water Wheat Grass-leg Crop productivity Soil Description Acres Restrictive Soil Subsoil Corn Soybeans Code Productivity of field Table Layer Drainage rooting a Bu/A Bu/A Bu/A ume e index for Index Legend hay, T/A optimum management 109 Racoon silt 88.16 44.6% 0.5ft > 6.5ft Poorly FAV 144 46 56 0.00 106 loam, 0 to 2 drained percent slopes 176 Marissa silt loam 26.23 13.3% 2ft > 6.5ft. FAV 167 53 69 5.39 123 Somewhat poorly drained FAV 465 20.56 10.4% Oft > 6.5ft 148 49 58 4.52 110 Montgomery silty Very poorly clay drained \*\*52 \*\*214C2 UNF \*\*126 \*\*95 Hosmer silt 13.55 6.9% 2.2ft > 6.5ft. Well drained \*\*41 0.00 loam, 4 to 7 percent slopes, eroded \*\*214B Hosmer silt 12.96 6.6% 2.2ft > 6.5ft. UNF \*\*139 \*\*46 \*\*57 0.00 \*\*104 Well drained loam, 2 to 4 percent slopes 142 Patton silty clay 12.21 6.2% Oft. FAV 178 68 > 6.5ft. Poorly 58 5.39 132 drained \*\*723B \*\*168 \*\*54 \*\*65 \*\*6.07 \*\*123 Reesville silt 6.90 3.5% 1.7ft. > 6.5ft Somewhat FAV loam, 2 to 4 poorly percent slopes drained 167 6.38 3.2% > 6.5ft 108 Lukin silt loam 2ft. Somewhat FAV 147 47 58 4.64 poorly drained \*\*214D3 5.85 3.0% 2.2ft. Well drained UNF \*\*104 \*\*34 \*\*43 0.00 \*\*78 Hosmer soils, 7 > 6.5ft. to 12 percent slopes, severely eroded



**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		**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		**135	**44	**54	**4.32	**101
						Weighted	Average	147.4	47.5	58.4	1.92	109

Area Symbol: IL047, Soil Area Version: 7

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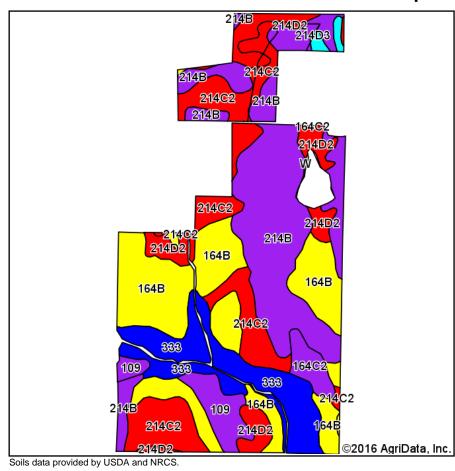
https://www.ideals.illinois.edu/handle/2142/1027/

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\*c: Using Capabilities Class Dominant Condition Aggregation Method



State: Illinois
County: Edwards
Location: 29-2S-14W
Township: French Creek

Acres: **239.21**Date: **10/13/2016** 







Area Symbol: IL047, Soil Area Version: 7 Wheat Soil Description | Acres Percent II. State Water Restrictive Subsoil Corn Code Soil Soybeans Grass-leg Crop productivity of field Productivity Table Layer Drainage rooting a Bu/A Bu/A Bu/A ume e index for optimum Index Legend hay, T/A management \*\*214B \*\*139 \*\*57 \*\*104 Hosmer silt 69.35 29.0% 2.2ft. > 6.5ft. Well drained UNF \*\*46 0.00 loam, 2 to 4 percent slopes 2ft. \*\*144 \*\*47 \*\*57 \*\*4.59 \*\*108 \*\*164B Stoy silt loam, 2 60.66 25.4% 3.7ft. Somewhat FAV (Fragipan) to 5 percent poorly slopes drained \*\*214C2 \*\*126 \*\*52 \*\*95 40.25 Well drained UNF \*\*41 Hosmer silt 16.8% 2.2ft. > 6.5ft. 0.00 loam, 4 to 7 percent slopes, eroded 333 Wakeland silt 30.50 12.8% 2ft. > 6.5ft. FAV 174 56 68 5.14 128 Somewhat loam poorly drained \*\*214D2 UNF \*\*126 \*\*41 \*\*52 \*\*95 Hosmer silt 19.54 8.2% 2.2ft. > 6.5ft. Well drained 0.00 loam, 7 to 12 percent slopes, eroded 109 Racoon silt 11.05 4.6% 0.5ft > 6.5ft Poorly FAV 144 46 56 0.00 106 loam, 0 to 2 drained percent slopes \*\*54 \*\*4.32 \*\*164C2 Stoy silt loam, 5 5.63 2.4% 2ft. FAV \*\*135 \*\*44 \*\*101 3.5ft Somewhat to 10 percent (Fragipan) poorly slopes, eroded drained \*\*43 \*\*214D3 \*\*78 Hosmer soils, 7 1.75 0.7% 2.2ft. > 6.5ft. Well drained UNF \*\*104 \*\*34 0.00 to 12 percent slopes, severely eroded W Water 0.22 0.1% > 6.5ft > 6.5ft. 208 Sexton silt loam 0.17 0.1% 0.5ft. > 6.5ft. Poorly FAV 157 50 63 4.89 116

drained



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

Area Symbol: IL047, Soil Area Version: 7

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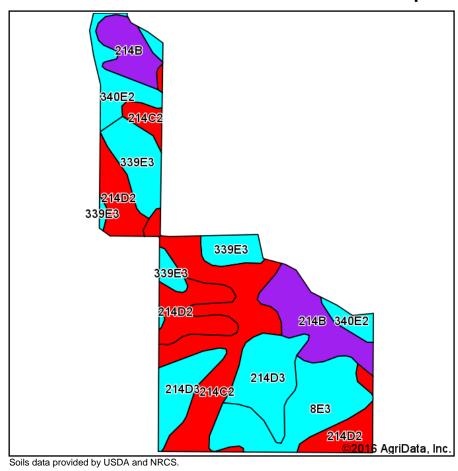
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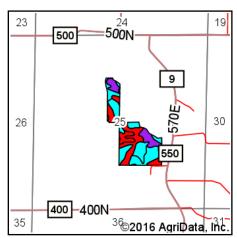
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<sup>\*</sup>c: Using Capabilities Class Dominant Condition Aggregation Method





State: Illinois
County: Edwards
Location: 25-2S-10E
Township: French Creek

Acres: **45.7** 

Date: 10/13/2016







Code	Soil Description	Acres	Percent of field	II. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting <i>a</i>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-leg ume <b>e</b> 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
	•	•				•	Weighter	Average	109.7	36.3	45.2	0.47	82.7

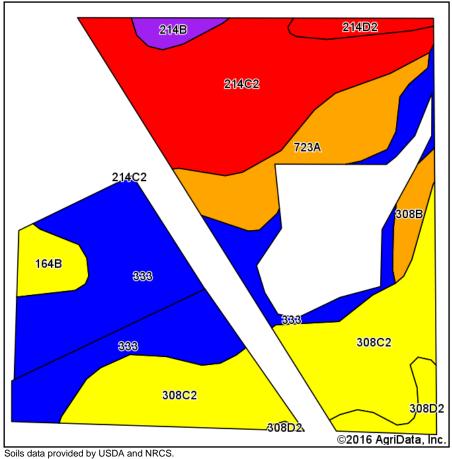
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County: **Edwards** Location: 8-3S-14W Township: **French Creek** 

Acres: 28.81 10/13/2016 Date:







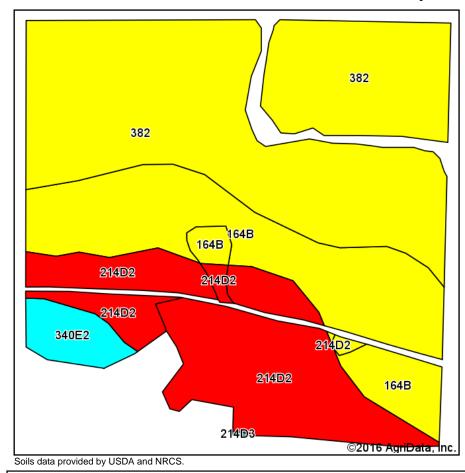
Code	Soil Description	Acres	Percent	II. State	Water	Restrictive	Soil	Subsoil	Corn	Sovbeans	Wheat	Grass-leg	Crop productivity
Code	Con Description	710103	of field	Productivity Index Legend	Table	Layer	Drainage	rooting a		Bu/A	Bu/A	ume <b>e</b> hay, T/A	index for optimum management
333	Wakeland silt loam	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		**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

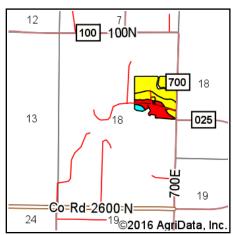


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State: Illinois
County: Edwards
Location: 18-3S-11E
Township: French Creek

Acres: **32.56**Date: **10/13/2016** 







Area Sv	mbol: IL047, S	Soil Are	ea Versio	n: 7									
Code	Soil Description			II. State Productivity Index Legend	Water Table	Restrictive Layer	Soil Drainage	Subsoil rooting <i>a</i>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Grass-leg ume <b>e</b> 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		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		**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	l Average	144.3	47.7	58.4	3.63	108.4

Area Symbol: IL047, Soil Area Version: 7

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