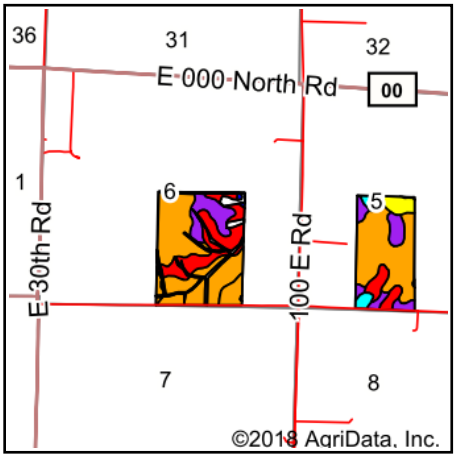
Soils Map

Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Shelby**
Location: **6-10N-1E**
Township: **Oconee**
Acres: **189.96**
Date: **1/13/2019**

Ceres Partners

Maps Provided By:
surety CUSTOMIZED ONLINE MAPPING
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N W E S

Area Symbol: IL173, Soil Area Version: 15

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
113A	Oconee silt loam, 0 to 2 percent slopes	81.20	42.7%		1.2ft.	> 6.5ft.	Somewhat poorly drained	FAV	164	50	63	5.27	119
**6B2	Fishhook silt loam, 2 to 5 percent slopes, eroded	35.09	18.5%		2.2ft.	2.3ft. (Densic material)	Somewhat poorly drained	UNF	**123	**39	**47	**3.62	**90
**113B	Oconee silt loam, 2 to 5 percent slopes	28.97	15.3%		1.2ft.	> 6.5ft.	Somewhat poorly drained	FAV	**162	**50	**62	**5.22	**118
**14B	Ava silt loam, 2 to 5 percent slopes	21.94	11.5%		2.2ft.	2.8ft. (Fragipan)	Moderately well drained	UNF	**134	**44	**54	0.00	**99
**128C2	Douglas silt loam, 5 to 10 percent slopes, eroded	6.16	3.2%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**162	**50	**64	0.00	**118
112A	Cowden silt loam, 0 to 2 percent slopes	5.92	3.1%		0.5ft.	1.6ft. (Abrupt textural change)	Poorly drained	FAV	159	49	63	4.89	117
**15C2	Parke silt loam, 5 to 10 percent slopes, eroded	5.35	2.8%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**142	**44	**55	0.00	**102
**7C2	Atlas silt loam, 5 to 10 percent slopes, eroded	4.48	2.4%		0.7ft.	> 6.5ft.	Somewhat poorly drained	UNF	**105	**37	**41	**3.16	**81

3074	Radford silt loam, frequently flooded	0.60	0.3%		2ft.	> 6.5ft.	Somewhat poorly drained	FAV	186	58	73	5.52	136
46A	Herrick silt loam, 0 to 2 percent slopes	0.16	0.1%		1.5ft.	> 6.5ft.	Somewhat poorly drained	FAV	181	58	73	5.52	133
**128B	Douglas silt loam, 2 to 5 percent slopes	0.09	0.0%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**172	**53	**68	0.00	**126
								Weighted Average	**150.5**	**46.8**	**58.2**	**3.97**	**109.8**

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: http://soilproductivity.nres.illinois.edu/
** 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

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