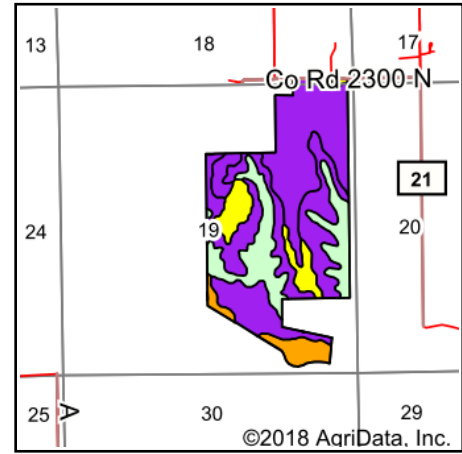
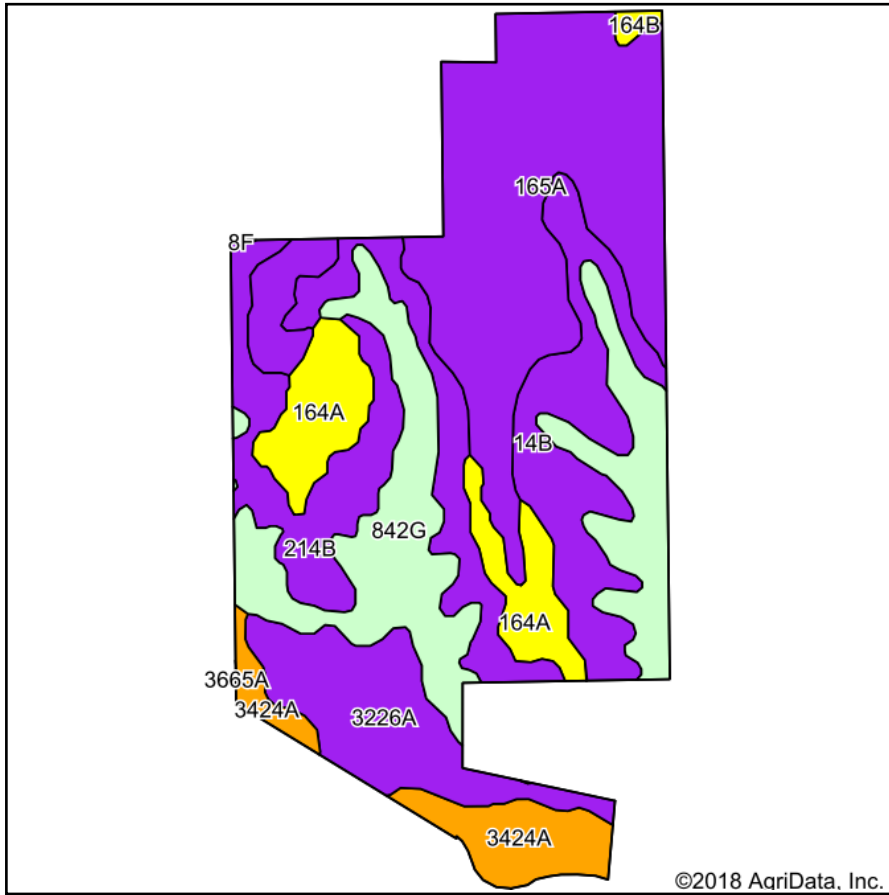


Sophie Lynn Wright South Soils Map



State: **Illinois**
 County: **Clark**
 Location: **19-12N-12W**
 Township: **Douglas**
 Acres: **223.57**
 Date: **8/20/2018**



Area Symbol: IL023, Soil Area Version: 12

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting ^a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A ^b	Sorghum ^c Bu/A	Alfalfa ^d hay, T/A	Grass-le gume ^e hay, T/A	Crop productivity index for optimum management
165A	Weir silt loam, 0 to 2 percent slopes	66.87	29.9%		FAV	141	46	56	0	112	0.00	4.52	106
842G	Hickory-Rock outcrop complex, 35 to 60 percent slopes	43.67	19.5%										
**14B	Ava silt loam, 2 to 5 percent slopes	39.74	17.8%		UNF	**134	**44	**54	0	**106	**3.23	0.00	**99
3226A	Wirt loam, 0 to 2 percent slopes, frequently flooded	21.87	9.8%		FAV	146	47	55	0	112	3.51	0.00	106
**214B	Hosmer silt loam, 2 to 5 percent slopes	19.19	8.6%		UNF	**139	**46	**57	0	**109	**3.60	0.00	**104
164A	Stoy silt loam, 0 to 2 percent slopes	18.38	8.2%		FAV	145	47	58	0	113	0.00	4.64	109
3424A	Shoals silt loam, 0 to 2 percent slopes, frequently flooded	12.93	5.8%		FAV	174	55	69	88	0	0.00	5.27	127
**164B	Stoy silt loam, 2 to 5 percent slopes	0.92	0.4%		FAV	**144	**47	**57	0	**112	0.00	**4.59	**108
Weighted Average						114.8	37.4	45.6	5.1	82.4	1.23	2.06	85.3

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

^b Soils in the southern region were not rated for oats and are shown with a zero "0".

^c Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

^d Soils in the poorly drained group were not rated for alfalfa and are shown with a zero "0".

^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