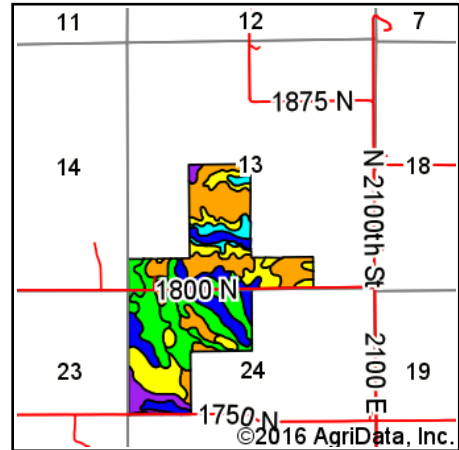
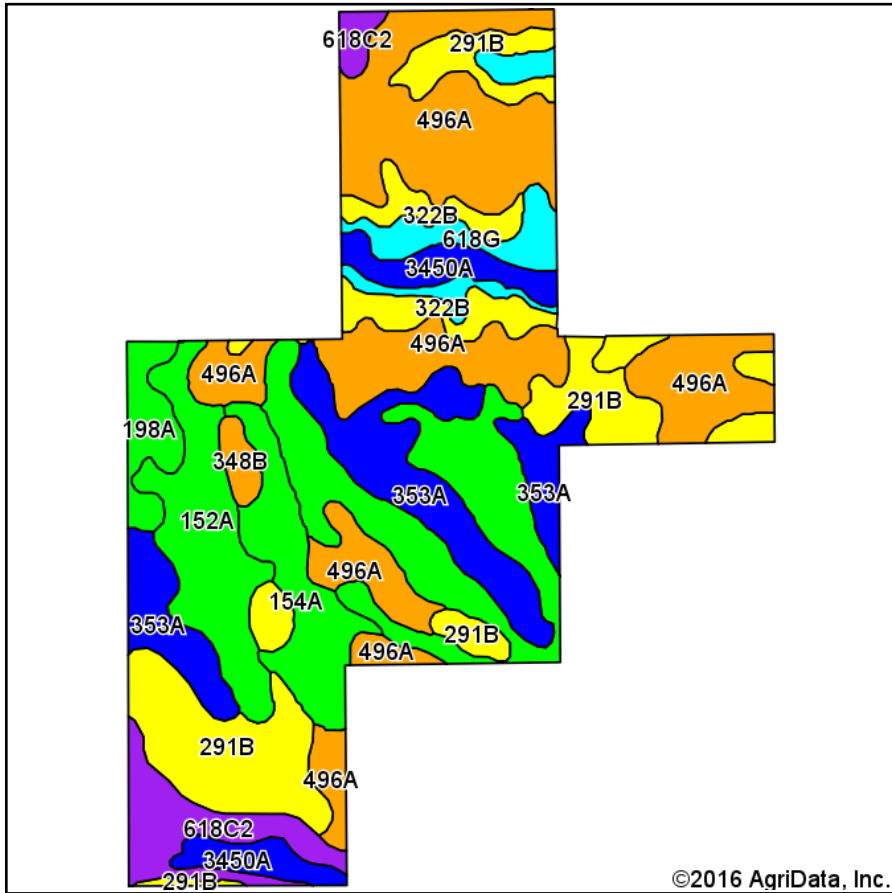


# Bernice Vernon Soils Map



State: **Illinois**  
 County: **Edgar**  
 Location: **13-15N-11W**  
 Township: **Brouilletts Creek**  
 Acres: **237.77**  
 Date: **10/20/2016**



Soils data provided by USDA and NRCS.

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## Area Symbol: IL045, Soil Area Version: 10

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting	Corncorn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A	Sorghum Bu/A	Alfalfa hay, T/A	Grass-legume hay, T/A	Crop productivity index for optimum management
496A	Fincastle silt loam, Bloomington Ridged Plain, 0 to 2 percent slopes	60.55	25.5%		FAV	166	52	65	85	0	0.00	5.02	121
152A	Drummer silty clay loam, 0 to 2 percent slopes	47.37	19.9%		FAV	195	63	73	100	0	0.00	5.64	144
**291B	Xenia silt loam, Bloomington Ridged Plain, 2 to 5 percent slopes	36.38	15.3%		FAV	**160	**50	**63	**82	0	**4.47	0.00	**117
353A	Toronto silt loam, Bloomington Ridged Plain, 0 to 2 percent slopes	28.42	12.0%		FAV	174	56	69	93	0	0.00	5.27	128
154A	Flanagan silt loam, 0 to 2 percent slopes	13.69	5.8%		FAV	194	63	77	102	0	0.00	5.90	144
**618C2	Senachwine silt loam, 5 to 10 percent slopes, eroded	12.02	5.1%		FAV	**136	**44	**54	**65	0	**3.26	0.00	**100
**322B	Russell silt loam, Bloomington Ridged Plain, 2 to 5 percent slopes	11.40	4.8%		FAV	**158	**50	**62	**81	0	**4.47	0.00	**115
**618G	Senachwine loam, 35 to 60 percent slopes	10.06	4.2%		FAV	**70	**23	**28	**34	0	**1.68	0.00	**51
3450A	Brouilletts silt loam, 0 to 2 percent slopes, frequently flooded	9.78	4.1%		FAV	180	58	70	90	0	0.00	5.52	133
198A	Elburn silt loam, 0 to 2 percent slopes	5.88	2.5%		FAV	197	61	74	94	0	0.00	5.77	143
**348B	Wingate silt loam, 2 to 5 percent slopes	2.22	0.9%		FAV	**163	**51	**67	**91	0	**5.34	0.00	**120
<b>Weighted Average</b>						<b>168.8</b>	<b>53.7</b>	<b>65.6</b>	<b>86.6</b>	<b>*</b>	<b>1.18</b>	<b>3.74</b>	<b>123.8</b>

Area Symbol: IL045, Soil Area Version: 10

**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

**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".

\*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.