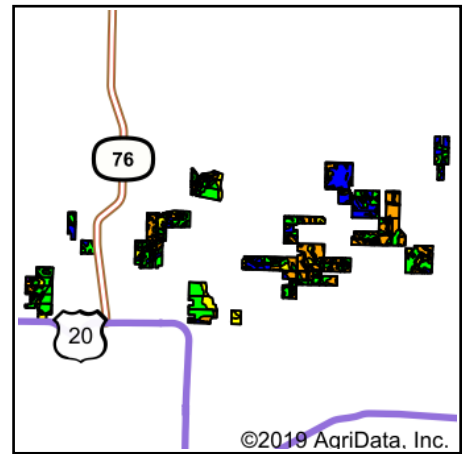
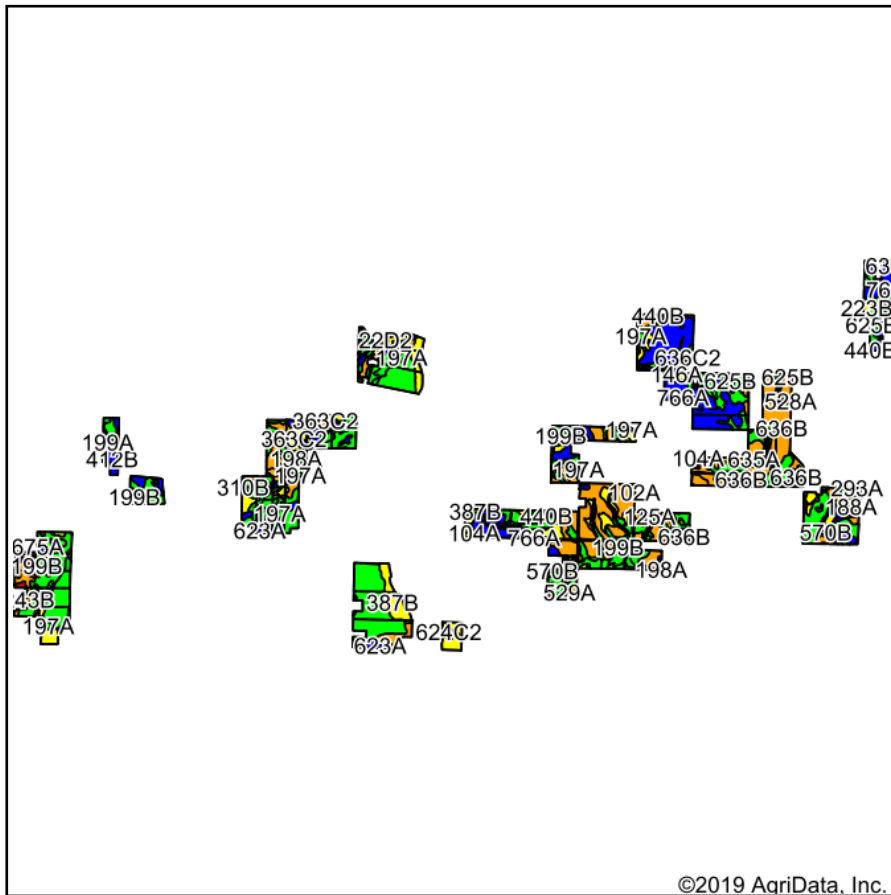


Soils Map



State: **Illinois**
 County: **Boone**
 Location: **8-44N-4E**
 Township: **Bonus**
 Acres: **2572.92**
 Date: **10/21/2019**



Maps Provided By:

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Soils data provided by USDA and NRCS.

Area Symbol: IL007. 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-leg e hay, T/A	Crop productivity index for optimum management
**636B	Parmod silt loam, 2 to 5 percent slopes	396.07	15.4%		FAV	**167	**53	**64	**86	0	**5.58	0.00	**124
369A	Waupecan silt loam, 0 to 2 percent slopes	306.76	11.9%		FAV	189	59	74	102	0	6.90	0.00	139
**625B	Geryune silt loam, 2 to 5 percent slopes	246.40	9.6%		FAV	**183	**58	**70	**98	0	**6.34	0.00	**136
199A	Plano silt loam, 0 to 2 percent slopes	175.36	6.8%		FAV	194	60	74	103	0	7.02	0.00	142
**199B	Plano silt loam, 2 to 5 percent slopes	175.23	6.8%		FAV	**192	**59	**73	**102	0	**6.95	0.00	**141
198A	Elburn silt loam, cool, 0 to 2 percent slopes	173.11	6.7%		FAV	197	61	74	94	0	0.00	5.77	143
152A	Drummer silty clay loam, 0 to 2 percent slopes	138.19	5.4%		FAV	195	63	73	100	0	0.00	5.64	144
635A	Lismod silt loam, 0 to 2 percent slopes	124.54	4.8%		FAV	187	60	73	100	0	0.00	5.52	138
**297C2	Ringwood silt loam, 4 to 6 percent slopes, eroded	58.92	2.3%		FAV	**166	**53	**66	**87	0	**5.36	0.00	**123
**387B	Ockley silt loam, 2 to 5 percent slopes	53.22	2.1%		FAV	**154	**49	**60	**78	0	**5.34	0.00	**114

766A	Lamartine silt loam, 0 to 2 percent slopes	49.90	1.9%		FAV	182	58	70	94	0	0.00	5.49	133
197A	Troxel silt loam, 0 to 2 percent slopes	48.42	1.9%		FAV	191	60	73	100	0	6.90	0.00	140
**440B	Jasper silt loam, 2 to 5 percent slopes	47.57	1.8%		FAV	**173	**56	**70	**93	0	**5.71	0.00	**129
104A	Virgil silt loam, 0 to 2 percent slopes	42.18	1.6%		FAV	182	56	70	97	0	0.00	5.52	132
529A	Selmass loam, 0 to 2 percent slopes	41.89	1.6%		FAV	163	53	64	84	0	0.00	5.14	121
**624B	Caprell silt loam, 2 to 4 percent slopes	39.83	1.5%		FAV	**155	**50	**59	**76	0	**4.35	0.00	**114
**636C2	Parmod silt loam, 5 to 10 percent slopes, eroded	36.14	1.4%		FAV	**157	**50	**60	**81	0	**5.25	0.00	**116
**363C2	Griswold loam, 4 to 6 percent slopes, eroded	32.15	1.2%		FAV	**148	**49	**61	**73	0	**4.53	0.00	**111
**223B	Varna silt loam, 2 to 4 percent slopes	31.43	1.2%		FAV	**156	**50	**63	**78	0	**4.84	0.00	**115
**412B	Ogle silt loam, 2 to 5 percent slopes	29.30	1.1%		FAV	**175	**56	**69	**94	0	**5.84	0.00	**130
243A	St. Charles silt loam, 0 to 2 percent slopes	28.15	1.1%		FAV	168	52	65	87	0	5.14	0.00	122
623A	Kishwaukee silt loam, 0 to 2 percent slopes	26.49	1.0%		FAV	182	58	71	97	0	6.65	0.00	135
**297B	Ringwood silt loam, 2 to 4 percent slopes	22.83	0.9%		FAV	**173	**55	**68	**91	0	**5.58	0.00	**128
387A	Ockley silt loam, 0 to 2 percent slopes	21.04	0.8%		FAV	156	49	61	79	0	5.39	0.00	115
791A	Rush silt loam, 0 to 2 percent slopes	18.36	0.7%		FAV	176	48	58	74	0	3.88	0.00	109
102A	La Hogue loam, 0 to 2 percent slopes	17.81	0.7%		FAV	162	52	71	80	0	0.00	5.27	121
290A	Warsaw loam, 0 to 2 percent slopes	17.44	0.7%		FAV	161	52	64	82	0	5.14	0.00	119
**570B	Martinsville silt loam, 2 to 4 percent slopes	17.37	0.7%		FAV	**153	**49	**62	**74	0	**4.47	0.00	**113
**227B	Argyle silt loam, 2 to 5 percent slopes	16.66	0.6%		FAV	**162	**53	**64	**83	0	**4.97	0.00	**121
**21B	Pecatonica silt loam, 2 to 5 percent slopes	15.90	0.6%		FAV	**152	**49	**59	**76	0	**4.47	0.00	**112
61A	Atterberry silt loam, 0 to 2 percent slopes	12.98	0.5%		FAV	182	56	71	98	0	0.00	5.52	132
**728C2	Winnebago silt loam, 5 to 10 percent slopes, eroded	12.77	0.5%		FAV	**153	**50	**61	**78	0	**4.44	0.00	**113

**310C2	McHenry silt loam, 4 to 6 percent slopes, eroded	12.29	0.5%		FAV	**148	**48	**58	**74	0	**4.05	0.00	**109
188A	Beardstown loam, 0 to 2 percent slopes	12.23	0.5%		FAV	152	50	63	78	0	4.89	0.00	114
**361C2	Kidder loam, 4 to 6 percent slopes, eroded	11.59	0.5%		FAV	**130	**44	**53	**61	0	**3.33	0.00	**97
**624C2	Caprell silt loam, 4 to 6 percent slopes, eroded	7.95	0.3%		FAV	**149	**48	**57	**73	0	**4.17	0.00	**109
**297D2	Ringwood silt loam, 6 to 12 percent slopes, eroded	7.55	0.3%		FAV	**163	**52	**64	**86	0	**5.25	0.00	**120
**21C2	Pecatonica silt loam, 5 to 10 percent slopes, eroded	7.35	0.3%		FAV	**143	**46	**56	**72	0	**4.20	0.00	**105
**363D2	Griswold loam, 6 to 12 percent slopes, eroded	6.74	0.3%		FAV	**145	**48	**60	**72	0	**4.44	0.00	**109
125A	Selma loam, 0 to 2 percent slopes	6.62	0.3%		FAV	176	57	70	90	0	0.00	6.38	129
528A	Lahoguess loam, 0 to 2 percent slopes	5.11	0.2%		FAV	170	55	65	88	0	0.00	5.14	126
**570C2	Martinsville silt loam, 4 to 6 percent slopes, eroded	4.78	0.2%		FAV	**147	**47	**60	**71	0	**4.29	0.00	**108
8776A	Comfrey loam, 0 to 2 percent slopes, occasionally flooded	3.94	0.2%		FAV	185	61	69	89	0	0.00	5.52	138
**243B	St. Charles silt loam, 2 to 5 percent slopes	3.07	0.1%		FAV	**166	**51	**64	**86	0	**5.09	0.00	**121
**939D2	Rodman-Warsaw complex, 6 to 12 percent slopes, eroded	2.18	0.1%		UNF	**113	**40	**45	**54	0	0.00	**3.82	**88
**361D2	Kidder loam, 6 to 12 percent slopes, eroded	1.84	0.1%		FAV	**127	**43	**52	**60	0	**3.26	0.00	**95
**22D2	Westville silt loam, 10 to 18 percent slopes, eroded	1.51	0.1%		FAV	**135	**45	**53	**66	0	**3.68	0.00	**101
146A	Elliott silt loam, 0 to 2 percent slopes	1.40	0.1%		FAV	168	55	68	87	0	0.00	5.02	125
782A	Juneau silt loam, 0 to 2 percent slopes	1.20	0.0%		FAV	181	55	68	94	0	5.77	0.00	131
**440C2	Jasper silt loam, 5 to 10 percent slopes, eroded	0.36	0.0%		FAV	**163	**53	**66	**87	0	**5.37	0.00	**121
**310B	McHenry silt loam, 2 to 4 percent slopes	0.30	0.0%		FAV	**154	**50	**60	**77	0	**4.22	0.00	**114
419A	Flagg silt loam, 0 to 2 percent slopes	0.27	0.0%		FAV	162	52	63	83	0	5.02	0.00	119
**327B	Fox silt loam, 2 to 4 percent slopes	0.13	0.0%		FAV	**148	**48	**58	**72	0	**3.47	0.00	**108



675A	Greenbush silt loam, 0 to 2 percent slopes	0.10	0.0%		FAV	184	58	70	97	0	0.00	5.39	134
Weighted Average						178.6	56.4	68.9	92.9	*-	4.56	1.34	131.6

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".

*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.