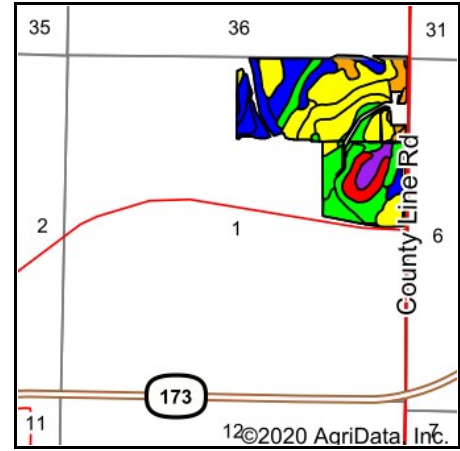
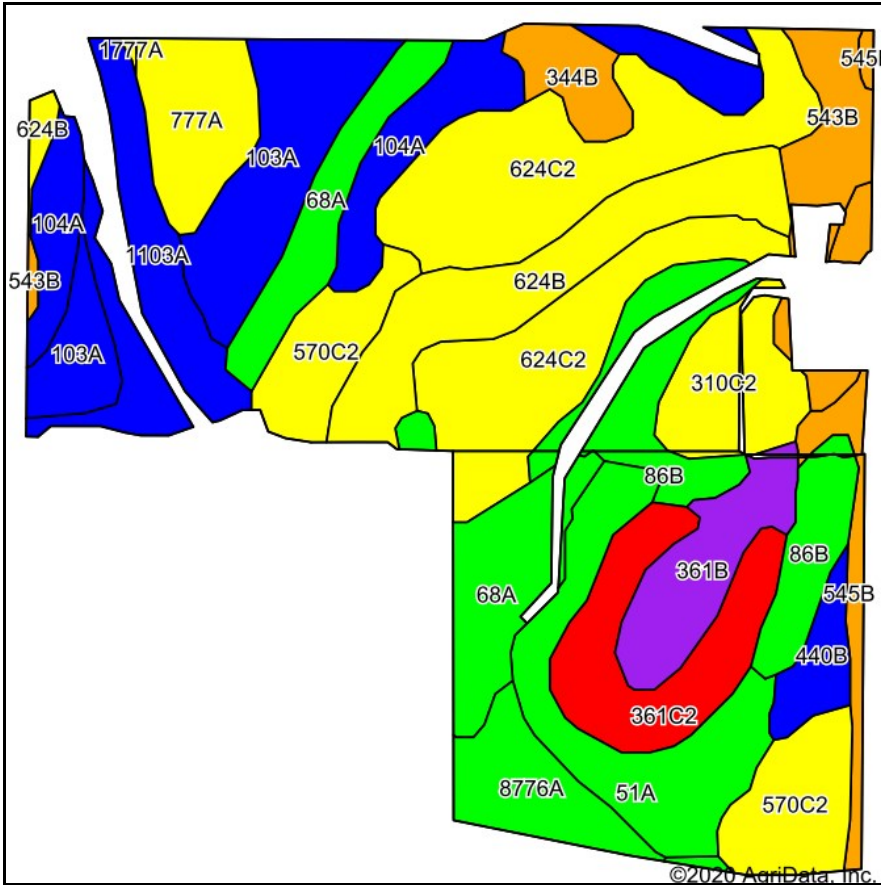


Tillable Soil Map



State: **Illinois**
 County: **Boone**
 Location: **1-45N-4E**
 Township: **Boone**
 Acres: **105.6**
 Date: **11/11/2020**



Maps Provided By:



Soils data provided by USDA and NRCS.

Area Symbol: IL007, Soil Area Version: 14													
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 hay, T/A	Crop productivity index for optimum management
**624C2	Caprell silt loam, 4 to 6 percent slopes, eroded	17.44	16.5%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**149	**48	**57	0.00	**109
103A	Houghton muck, 0 to 2 percent slopes	8.06	7.6%		0ft.	> 6.5ft.	Very poorly drained	FAV	175	57	0	0.00	130
68A	Sable silty clay loam, 0 to 2 percent slopes	8.04	7.6%		0.5ft.	> 6.5ft.	Poorly drained	FAV	192	63	74	5.77	143
**624B	Caprell silt loam, 2 to 4 percent slopes	7.65	7.2%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**155	**50	**59	0.00	**114
51A	Muscataune silt loam, 0 to 2 percent slopes	7.07	6.7%		1.5ft.	> 6.5ft.	Somewhat poorly drained	FAV	200	64	75	6.02	147
104A	Virgil silt loam, 0 to 2 percent slopes	6.91	6.5%		1.2ft.	> 6.5ft.	Somewhat poorly drained	FAV	182	56	70	5.52	132
**570C2	Martinsville silt loam, 4 to 6 percent slopes, eroded	6.71	6.4%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**147	**47	**60	0.00	**108

Soils data provided by USDA and NRCS. Soils data provided by University of Illinois at Champaign-Urbana.

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 hay, T/A	Crop productivity index for optimum management
**86B	Oscosilt loam, 2 to 5 percent slopes	6.62	6.3%		5ft.	> 6.5ft.	Well drained	FAV	**189	**59	**74	0.00	**140
**361C2	Kidder loam, 4 to 6 percent slopes, eroded	6.05	5.7%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**130	**44	**53	0.00	**97
1103A	Houghton muck, undrained, 0 to 2 percent slopes, frequently flooded	5.87	5.6%		0.2ft.	> 6.5ft.	Very poorly drained	FAV	175	57	0	0.00	130
**361B	Kidder loam, 2 to 4 percent slopes	4.03	3.8%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**136	**46	**55	0.00	**101
777A	Adrian muck, 0 to 2 percent slopes	3.99	3.8%		0.5ft.	> 6.5ft.	Very poorly drained	FAV	146	49	0	0.00	110
**310C2	McHenry silt loam, 4 to 6 percent slopes, eroded	3.85	3.6%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**148	**48	**58	0.00	**109
8776A	Comfrey loam, 0 to 2 percent slopes, occasionally flooded	3.49	3.3%		0.5ft.	> 6.5ft.	Poorly drained	FAV	185	61	69	5.52	138
**543B	Piscasaw silt loam, 2 to 4 percent slopes	3.37	3.2%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**166	**51	**63	0.00	**121
**545B	Windere silt loam, 2 to 4 percent slopes	2.56	2.4%		2.7ft.	> 6.5ft.	Moderately well drained	FAV	**171	**53	**65	0.00	**125
**344B	Harvard silt loam, 2 to 5 percent slopes	2.03	1.9%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**169	**53	**65	0.00	**124
**440B	Jasper silt loam, 2 to 5 percent slopes	1.67	1.6%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**173	**56	**70	0.00	**129
152A	Drummer silty clay loam, 0 to 2 percent slopes	0.13	0.1%		0.5ft.	> 6.5ft.	Poorly drained	FAV	195	63	73	5.64	144
1777A	Adrian muck, undrained, 0 to 2 percent slopes, frequently flooded	0.06	0.1%		0.2ft.	> 6.5ft.	Very poorly drained	FAV	146	49	0	0.00	110
Weighted Average									165.4	53.3	52.9	1.39	122.1