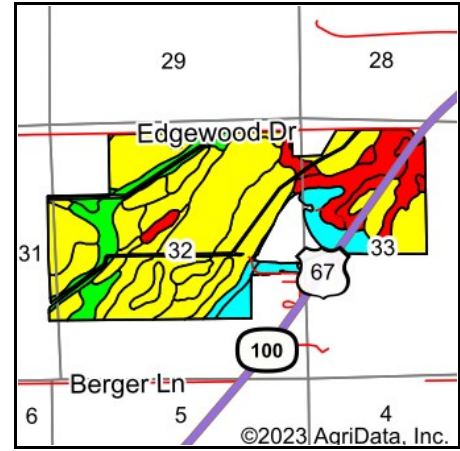
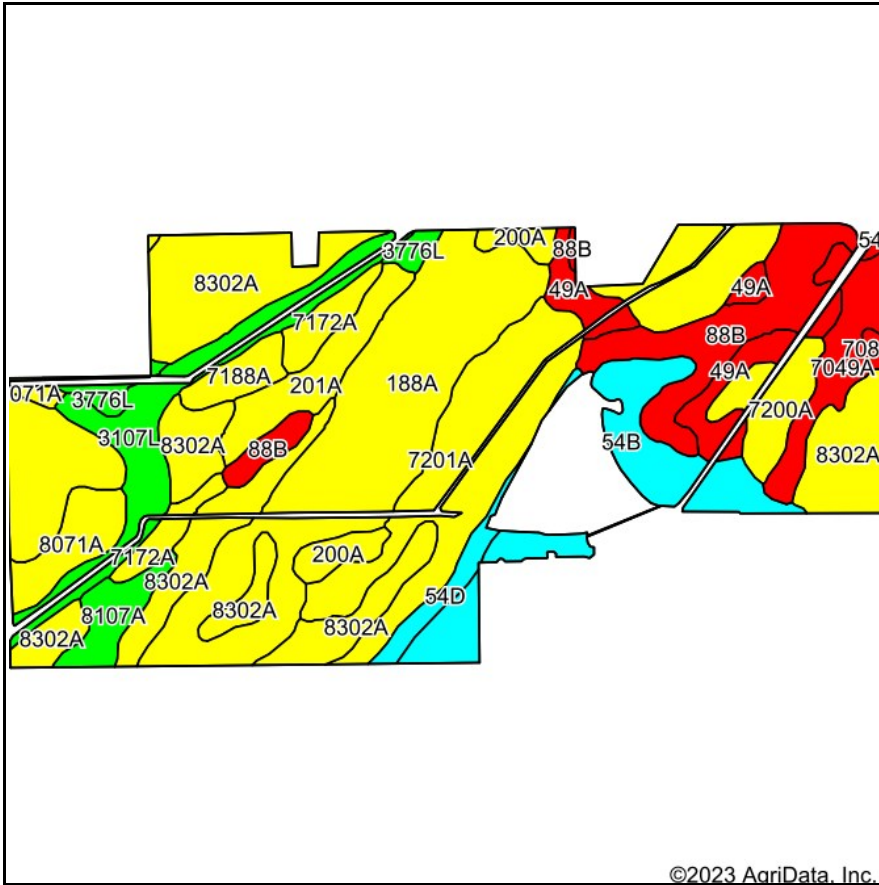


Soils Map



State: **Illinois**
 County: **Cass**
 Location: **32-18N-12W**
 Township: **Beardstown**
 Acres: **514.14**
 Date: **6/7/2023**



Maps Provided By:



Soils data provided by USDA and NRCS.

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Area Symbol: IL017, Soil Area Version: 18

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-legume ^e hay, T/A	Crop productivity index for optimum management
8302A	Ambraw clay loam, 0 to 2 percent slopes, occasionally flooded	117.88	22.9%	Yellow	FAV	154	50	61	75	0	0.00	5.02	114
188A	Beardstown loam, 0 to 2 percent slopes	89.71	17.4%	Yellow	FAV	152	50	63	78	0	4.89	0.00	114
7201A	Gilford fine sandy loam, 0 to 2 percent slopes, rarely flooded	52.69	10.2%	Yellow	FAV	148	49	59	73	0	0.00	4.52	110
**88B	Sparta loamy sand, Illinois till plain, 2 to 6 percent slopes	37.26	7.2%	Red	FAV	**118	**41	**50	**57	0	0.00	**3.97	**91
**54B	Plainfield sand, 1 to 7 percent slopes	35.60	6.9%	Cyan	FAV	**98	**34	**40	**48	0	0.00	**3.36	**75
3107L	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded, long duration	29.44	5.7%	Green	FAV	189	60	71	98	0	0.00	5.77	139

Code	Soil Description	Acres	Percent of field	Ill. 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-legume e hay, T/A	Crop productivity index for optimum management
200A	Orio loam, 0 to 2 percent slopes	27.39	5.3%		FAV	147	48	59	71	0	0.00	4.64	110
49A	Watseka loamy fine sand, 0 to 2 percent slopes	17.89	3.5%		FAV	122	41	51	61	0	0.00	4.39	93
7049A	Watseka loamy fine sand, 0 to 2 percent slopes, rarely flooded	17.43	3.4%		FAV	122	41	51	61	0	0.00	4.39	93
201A	Gilford fine sandy loam, 0 to 2 percent slopes	16.73	3.3%		FAV	148	49	59	73	0	0.00	4.52	110
8071A	Darwin silty clay, 0 to 2 percent slopes, occasionally flooded	14.48	2.8%		FAV	149	50	60	71	0	0.00	4.39	111
7200A	Orio loam, 0 to 2 percent slopes, rarely flooded	13.48	2.6%		FAV	147	48	59	71	0	0.00	4.64	110
7172A	Hoopeston sandy loam, 0 to 2 percent slopes, rarely flooded	12.57	2.4%		FAV	147	48	59	73	0	0.00	4.76	109
8107A	Sawmill silty clay loam, 0 to 2 percent slopes, occasionally flooded	9.85	1.9%		FAV	189	60	71	98	0	0.00	5.77	139
7188A	Beardstown loam, 0 to 2 percent slopes, rarely flooded	7.61	1.5%		FAV	152	50	63	78	0	4.89	0.00	114
**54D	Plainfield sand, 7 to 15 percent slopes	7.15	1.4%		FAV	**92	**32	**37	**45	0	0.00	**3.15	**71
3776L	Comfrey clay loam, 0 to 2 percent slopes, frequently flooded, long duration	5.68	1.1%		FAV	185	61	69	89	0	0.00	5.52	138
7088B	Sparta loamy sand, 1 to 6 percent slopes, rarely flooded	1.30	0.3%		FAV	119	41	50	58	0	0.00	4.01	92
Weighted Average						145.3	47.9	58.4	72.1	*-	0.93	3.75	108.6