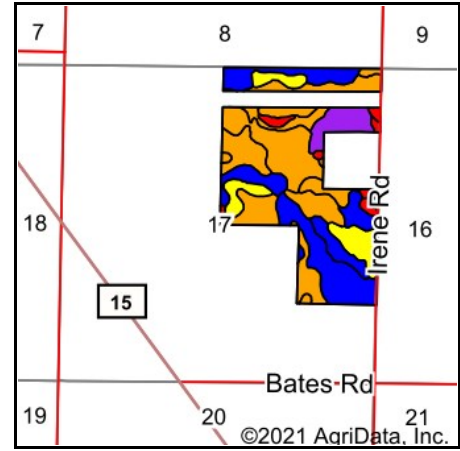
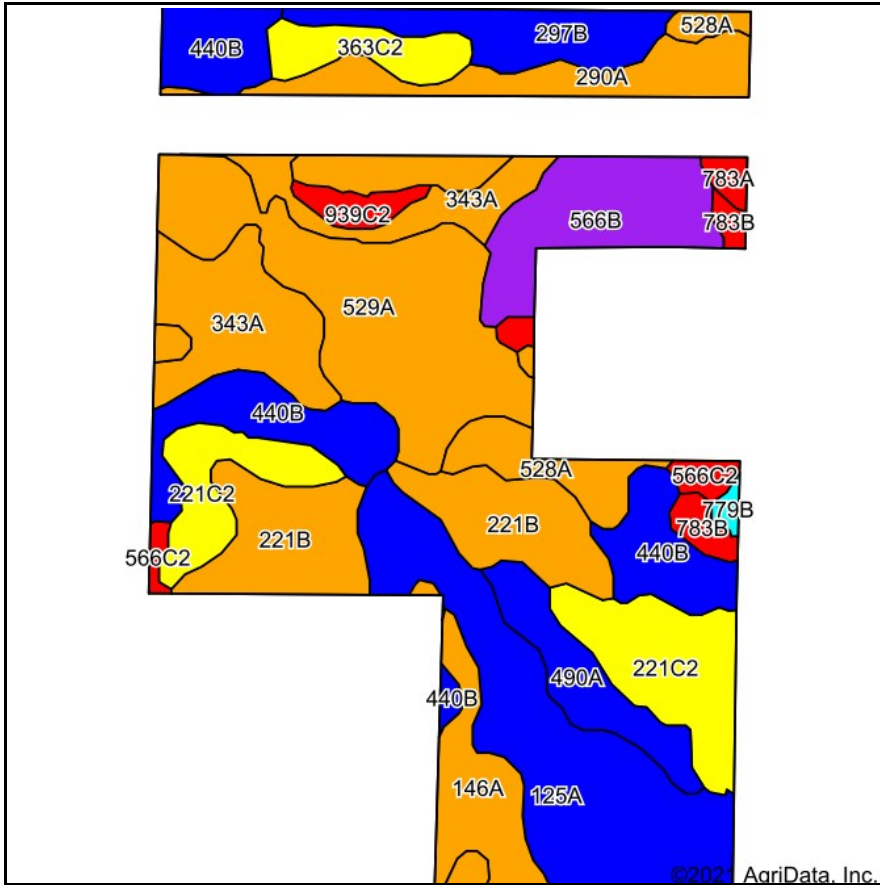


Soils Map



State: **Illinois**
 County: **Boone**
 Location: **17-43N-3E**
 Township: **Flora**
 Acres: **164.19**
 Date: **3/11/2021**



Maps Provided By:



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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
529A	Selmass loam, 0 to 2 percent slopes	22.61	13.8%		0.5ft.	> 6.5ft.	Poorly drained	FAV	163	53	64	5.14	121
125A	Selma loam, 0 to 2 percent slopes	22.35	13.6%		0.5ft.	> 6.5ft.	Poorly drained	FAV	176	57	70	6.38	129
**440B	Jasper silt loam, 2 to 5 percent slopes	16.99	10.3%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**173	**56	**70	0.00	**129
**221B	Parr silt loam, 2 to 5 percent slopes	16.13	9.8%		2.7ft.	> 6.5ft.	Moderately well drained	FAV	**157	**51	**63	0.00	**118
**221C2	Parr silt loam, 5 to 10 percent slopes, eroded	14.87	9.1%		2.7ft.	> 6.5ft.	Moderately well drained	FAV	**148	**48	**60	0.00	**111
343A	Kane silt loam, 0 to 2 percent slopes	14.50	8.8%		1.5ft.	2.4ft. (Strongly contrasting textural stratification)	Somewhat poorly drained	FAV	168	55	68	4.89	125
290A	Warsaw loam, 0 to 2 percent slopes	10.80	6.6%		> 6.5ft.	2.6ft. (Strongly contrasting textural stratification)	Well drained	FAV	161	52	64	0.00	119

Code	Soil Description	Acres	Percent of field	Ill. 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
**566B	Rockton and Dodgeville soils, 2 to 5 percent slopes	9.95	6.1%		> 6.5ft.	2.1ft. (Lithic bedrock)	Well drained	FAV	**134	**46	**59	0.00	**102
**297B	Ringwood silt loam, 2 to 4 percent slopes	6.86	4.2%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**173	**55	**68	0.00	**128
146A	Elliott silt loam, 0 to 2 percent slopes	6.80	4.1%		1.5ft.	3.4ft. (Densic material)	Somewhat poorly drained	FAV	168	55	68	5.02	125
490A	Odell silt loam, 0 to 2 percent slopes	6.02	3.7%		1.5ft.	> 6.5ft.	Somewhat poorly drained	FAV	176	56	68	5.14	129
528A	Lahoguess loam, 0 to 2 percent slopes	5.29	3.2%		1.5ft.	> 6.5ft.	Somewhat poorly drained	FAV	170	55	65	5.14	126
**363C2	Griswold loam, 4 to 6 percent slopes, eroded	4.03	2.5%		> 6.5ft.	> 6.5ft.	Well drained	FAV	**148	**49	**61	0.00	**111
**566C2	Rockton and Dodgeville soils, 5 to 10 percent slopes, eroded	2.03	1.2%		> 6.5ft.	2ft. (Lithic bedrock)	Well drained	FAV	**126	**43	**56	0.00	**96
**783B	Flagler sandy loam, 2 to 6 percent slopes	1.92	1.2%		> 6.5ft.	> 6.5ft.	Somewhat excessively drained	FAV	**128	**44	**50	0.00	**95
**939C2	Rodman-Warsaw complex, 4 to 6 percent slopes, eroded	1.74	1.1%		> 6.5ft.	2.3ft. (Strongly contrasting textural stratification)	Excessively drained	UNF	**116	**41	**47	**3.94	**91
783A	Flagler sandy loam, 0 to 2 percent slopes	0.81	0.5%		> 6.5ft.	> 6.5ft.	Somewhat excessively drained	FAV	129	44	51	0.00	96
<p>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 B&11</p> <p>Crop yields and productivity indices for optimum management (B811) are maintained at the following NRES web site: http://soilproductivity.nres.illinois.edu</p>													
Weighted Average									161.7	52.7	64.9	2.62	120.3

^a UNF = unfavorable; FAV = favorable

^c Using Capabilities Class Dominant Condition Aggregation Method

^e Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".