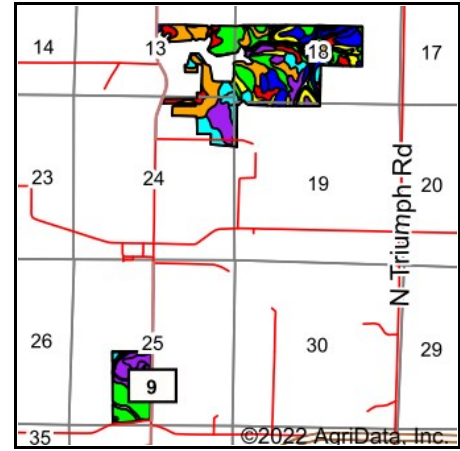
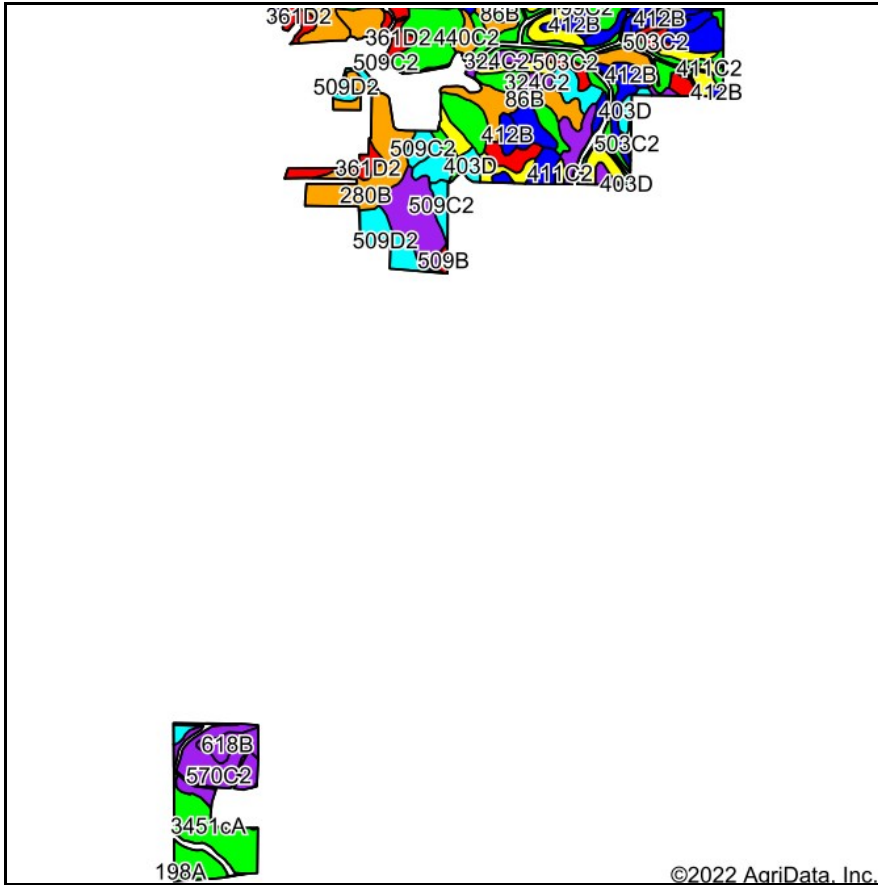


# Soils Map



State: **Illinois**  
 County: **Ogle**  
 Location: **19-25N-10E**  
 Township: **Leaf River**  
 Acres: **343.31**  
 Date: **8/15/2022**



Maps Provided By:



Soils data provided by USDA and NRCS.

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Area Symbol: IL141, Soil Area Version: 19

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management
3451cA	Lawson silt loam, cool mesic, 0 to 2 percent slopes, frequently flooded	43.60	12.7%		1.5ft.	FAV	190	61	73	140
**86B	Oscos silt loam, 2 to 5 percent slopes	42.03	12.2%		5ft.	FAV	**189	**59	**74	**140
**280B	Fayette silt loam, glaciated, 2 to 5 percent slopes	25.73	7.5%		> 6.5ft.	FAV	**165	**52	**65	**121
**412B	Ogle silt loam, 2 to 5 percent slopes	24.99	7.3%		> 6.5ft.	FAV	**175	**56	**69	**130
**570C2	Martinsville silt loam, 5 to 10 percent slopes, eroded	18.92	5.5%		> 6.5ft.	FAV	**144	**46	**59	**106
**429B2	Palsgrove silt loam, 2 to 6 percent slopes, moderately eroded	17.90	5.2%		> 6.5ft.	FAV	**134	**44	**56	**100
**324C2	Ripon silt loam, 5 to 10 percent slopes, eroded	14.21	4.1%		> 6.5ft.	FAV	**140	**46	**57	**103
**503C2	Rockton silt loam, 5 to 10 percent slopes, eroded	14.11	4.1%		> 6.5ft.	FAV	**125	**42	**55	**94
**509D2	Whalan loam, 10 to 18 percent slopes, eroded	13.96	4.1%		> 6.5ft.	FAV	**109	**35	**45	**80
**411C2	Ashdale silt loam, 5 to 10 percent slopes, eroded	13.27	3.9%		> 6.5ft.	FAV	**158	**50	**63	**116

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management
**361D2	Kidder loam, 6 to 12 percent slopes, eroded	12.99	3.8%		> 6.5ft.	FAV	**127	**43	**52	**95
**199C2	Plano silt loam, 5 to 10 percent slopes, eroded	11.68	3.4%		> 6.5ft.	FAV	**180	**56	**69	**132
**403D	Elizabeth loam, 10 to 18 percent slopes	11.25	3.3%		> 6.5ft.	UNF	**72	**25	**30	**56
**363D2	Griswold loam, 6 to 12 percent slopes, eroded	9.47	2.8%		> 6.5ft.	FAV	**145	**48	**60	**109
**86C2	Oscosilt loam, 5 to 10 percent slopes, eroded	8.98	2.6%		5ft.	FAV	**178	**56	**70	**131
**509C2	Whalan loam, 5 to 10 percent slopes, eroded	7.55	2.2%		> 6.5ft.	FAV	**114	**36	**47	**84
**416C2	Durand silt loam, 5 to 10 percent slopes, eroded	7.54	2.2%		> 6.5ft.	FAV	**157	**52	**63	**118
**419B	Flagg silt loam, 2 to 5 percent slopes	6.25	1.8%		> 6.5ft.	FAV	**160	**51	**62	**118
**440C2	Jasper loam, 5 to 10 percent slopes, eroded	6.24	1.8%		> 6.5ft.	FAV	**163	**53	**66	**121
**243B	St. Charles silt loam, 2 to 5 percent slopes	5.56	1.6%		> 6.5ft.	FAV	**166	**51	**64	**121
**618B	Senachwine silt loam, 2 to 5 percent slopes	5.43	1.6%		> 6.5ft.	FAV	**145	**47	**57	**106
**411B	Ashdale silt loam, 2 to 5 percent slopes	5.42	1.6%		> 6.5ft.	FAV	**168	**53	**67	**124
**412C2	Ogle silt loam, 5 to 10 percent slopes, eroded	4.38	1.3%		> 6.5ft.	FAV	**165	**53	**65	**122
**505E2	Dunbarton silt loam, 12 to 20 percent slopes, eroded	3.98	1.2%		> 6.5ft.	UNF	**76	**27	**31	**58
**728C2	Winnebago silt loam, 5 to 10 percent slopes, eroded	3.13	0.9%		> 6.5ft.	FAV	**153	**50	**61	**113
86A	Oscosilt loam, 0 to 2 percent slopes	2.05	0.6%		5ft.	FAV	191	60	75	141
**509B	Whalan loam, 2 to 5 percent slopes	1.06	0.3%		> 6.5ft.	FAV	**122	**39	**50	**89
3415A	Orion silt loam, 0 to 2 percent slopes, frequently flooded	0.64	0.2%		1.5ft.	FAV	180	57	66	131
198A	Elburn silt loam, 0 to 2 percent slopes	0.36	0.1%		1.5ft.	FAV	197	61	74	143
**403F	Elizabeth loam, 18 to 35 percent slopes	0.33	0.1%		> 6.5ft.	UNF	**54	**19	**22	**41
**259C2	Assumption silt loam, 5 to 10 percent slopes, eroded	0.30	0.1%		2.7ft.	FAV	**152	**48	**60	**111
<b>Weighted Average</b>							<b>156.8</b>	<b>50.3</b>	<b>62.4</b>	<b>116</b>

**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

<sup>a</sup> UNF = unfavorable; FAV = favorable