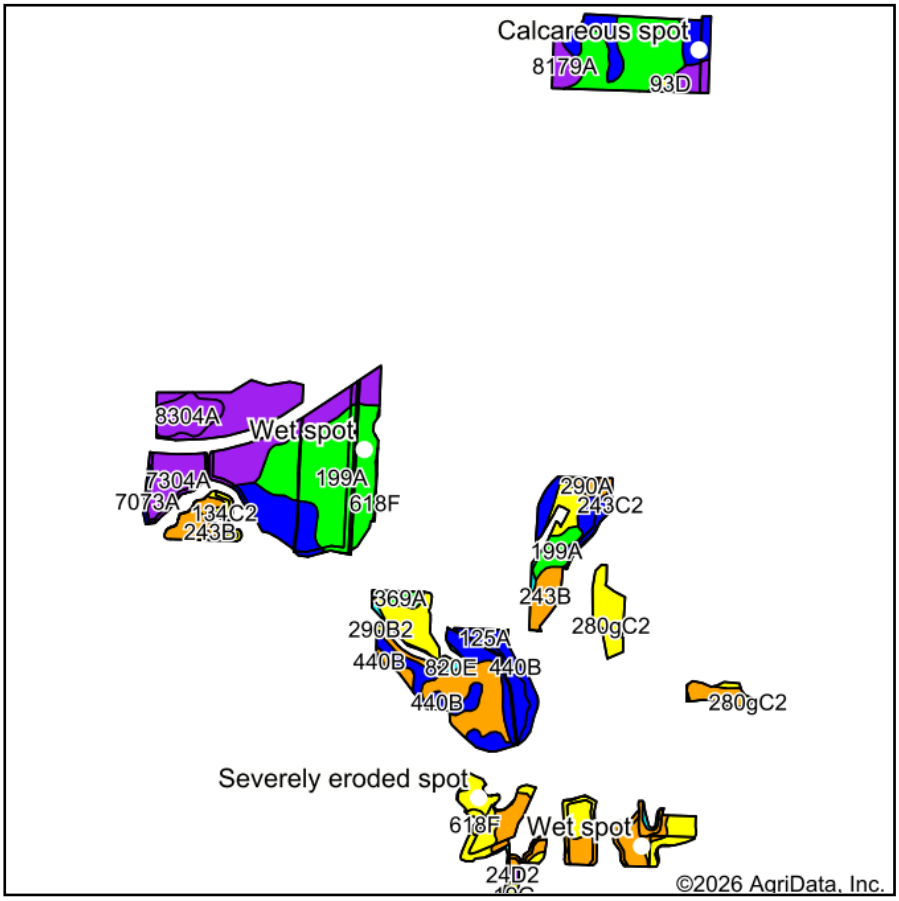
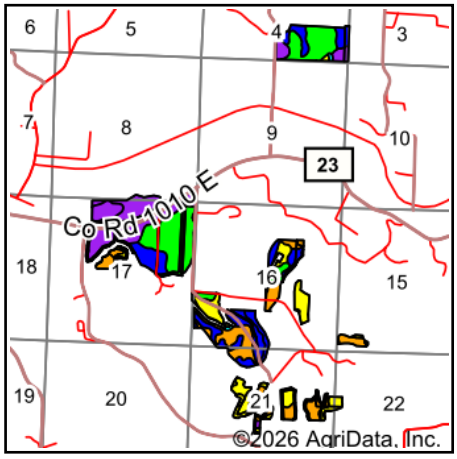
Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Bureau**
Location: **16-15N-9E**
Township: **Arispie**
Acres: **496.49**
Date: **5/5/2026**

Area Symbol: IL011, Soil Area Version: 23

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Restrictive Layer	Soil Drainage	*Subsoil rooting *a*	*Corn Bu/A	*Soybeans Bu/A	*Wheat Bu/A	*Oats Bu/A *b*	*Grass-legume *e* hay, T/A	*Crop productivity index for optimum management
199A	Plano silt loam, 0 to 2 percent slopes	120.03	24.0%		> 6.5ft.	Well drained	FAV	194	60	74	103	7.00	142
**440B	Jasper silt loam, 2 to 5 percent slopes	54.74	11.0%		> 6.5ft.	Well drained	FAV	**173	**56	**70	**93	**6.00	**129
**7304A	Landes fine sandy loam, 0 to 2 percent slopes, rarely flooded	48.16	9.7%		> 6.5ft.	Well drained	FAV	**135	**45	**55	**61	**3.00	**100
**280gC2	Fayette silt loam, glaciated, 5 to 10 percent slopes, eroded	45.21	9.1%		> 6.5ft.	Well drained	FAV	**155	**49	**61	**79	**5.00	**113
**8179A	Minneiska loam, 0 to 2 percent slopes, occasionally flooded	40.50	8.2%		> 6.5ft.	Moderately well drained	FAV	**140	**48	**53	**58	**5.00	**105

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

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**102A	La Hogue loam, 0 to 2 percent slopes	31.40	6.3%		> 6.5ft.	Somewhat poorly drained	FAV	**163	**52	**71	**81	**5.00	**122
**125A	Selma loam, 0 to 2 percent slopes	29.00	5.8%		> 6.5ft.	Poorly drained	FAV	**178	**57	**70	**91	**8.00	**131
**279B	Rozetta silt loam, 2 to 5 percent slopes	27.79	5.6%		> 6.5ft.	Well drained	FAV	**161	**50	**64	**82	**5.00	**118
**243B	St. Charles silt loam, 2 to 5 percent slopes	20.46	4.1%		> 6.5ft.	Well drained	FAV	**166	**51	**64	**86	**5.00	**121
**8304A	Landes silt loam, 0 to 2 percent slopes, occasionally flooded	14.19	2.9%		> 6.5ft.	Well drained	FAV	**142	**47	**58	**64	**4.00	**105
**290B2	Warsaw silt loam, 2 to 5 percent slopes, eroded	14.15	2.9%		2.8ft. (Strongly contrasting textural stratification)	Well drained	FAV	**153	**49	**61	**78	**5.00	**113
**199C2	Plano silt loam, 5 to 10 percent slopes, eroded	7.42	1.5%		> 6.5ft.	Well drained	FAV	**180	**56	**69	**96	**7.00	**132
**290B	Warsaw loam, 2 to 5 percent slopes	7.33	1.5%		2.6ft. (Strongly contrasting textural stratification)	Well drained	FAV	**157	**50	**62	**80	**5.00	**117
**134C2	Camden silt loam, 5 to 10 percent slopes, eroded	6.77	1.4%		> 6.5ft.	Well drained	FAV	**154	**47	**60	**81	**4.00	**111
243A	St. Charles silt loam, 0 to 2 percent slopes	6.24	1.3%		> 6.5ft.	Well drained	FAV	168	52	65	87	5.00	122
369A	Waupecan silt loam, 0 to 2 percent slopes	4.30	0.9%		> 6.5ft.	Well drained	FAV	189	59	74	102	7.00	139
**290A	Warsaw loam, 0 to 2 percent slopes	3.57	0.7%		2.9ft. (Strongly contrasting textural stratification)	Well drained	FAV	**159	**51	**63	**81	**5.00	**118
**618F	Senachwine silt loam, 18 to 35 percent slopes	3.32	0.7%		> 6.5ft.	Well drained	FAV	**102	**33	**41	**49	**2.00	**75

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440A	Jasper silt loam, 0 to 2 percent slopes	3.21	0.6%		> 6.5ft.	Well drained	FAV	175	57	71	94	6.00	130
**820E	Hennepin-Casco complex, 12 to 30 percent slopes	2.90	0.6%		1.7ft. (Strongly contrasting textural stratification)	Well drained	UNF	**101	**34	**38	**43	**3.00	**76
**7073A	Ross silt loam, 0 to 2 percent slopes, rarely flooded	1.43	0.3%		> 6.5ft.	Well drained	FAV	**185	**60	**72	**91	**6.00	**137
**24D2	Dodge silt loam, 10 to 18 percent slopes, eroded	1.32	0.3%		> 6.5ft.	Well drained	FAV	**145	**46	**56	**72	**4.00	**106
**290C2	Warsaw silt loam, 5 to 10 percent slopes, eroded	1.07	0.2%		2.1ft. (Strongly contrasting textural stratification)	Well drained	FAV	**150	**48	**60	**76	**5.00	**111
**93D	Rodman gravelly sandy loam, 6 to 12 percent slopes	0.87	0.2%		> 6.5ft.	Excessively drained	UNF	**99	**36	**37	**41	**3.00	**77
**25G	Hennepin loam, 35 to 70 percent slopes	0.78	0.2%		> 6.5ft.	Well drained	UNF	**53	**18	**19	**21	**2.00	**40
**243C2	St. Charles silt loam, 5 to 10 percent slopes, eroded	0.23	0.0%		> 6.5ft.	Well drained	FAV	**156	**48	**60	**81	**5.00	**113
**19G	Sylvan silt loam, 35 to 60 percent slopes	0.10	0.0%		> 6.5ft.	Well drained	FAV	**71	**23	**28	**33	**2.00	**52
							Weighted Average	**165.6**	**52.7**	**65.3**	**83.9**	**5.5**	**122**

Table: Optimum Crop Productivity Ratings for Illinois Soil EFOTG are sourced from Bulletin 811 calculated Map Unit Base Yield Indices, and adjusted (Adj) for slope, erosion, and surface texture. Publication Date: 02-08-2023
Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809
* The flood/pond factor has been removed for B811 indexes and yields.
** Base indexes from Bulletin 811 adjusted for slope, erosion, and surface texture according to the Il. Soils EFOTG
b Soils in the southern region were not rated for oats 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".
*n: The aggregation method is "Weighted Average using all components"

	Symbol	Name	Description
	CSP	Calcareous spot	An area in which the soil contains carbonates in the surface layer. The surface layer of the named soils in the surrounding map unit is noncalcareous. Typically .5 to 2 acres.

	Symbol	Name	Description
	ERO	Severely eroded spot	An area where on the average 75 percent or more of the original surface layer has been lost because of accelerated erosion. Not used in map units that are named severely eroded, very severely eroded, or gullied. Typically .2 to 2 acres.
	WET	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically .2 to 2 acres.