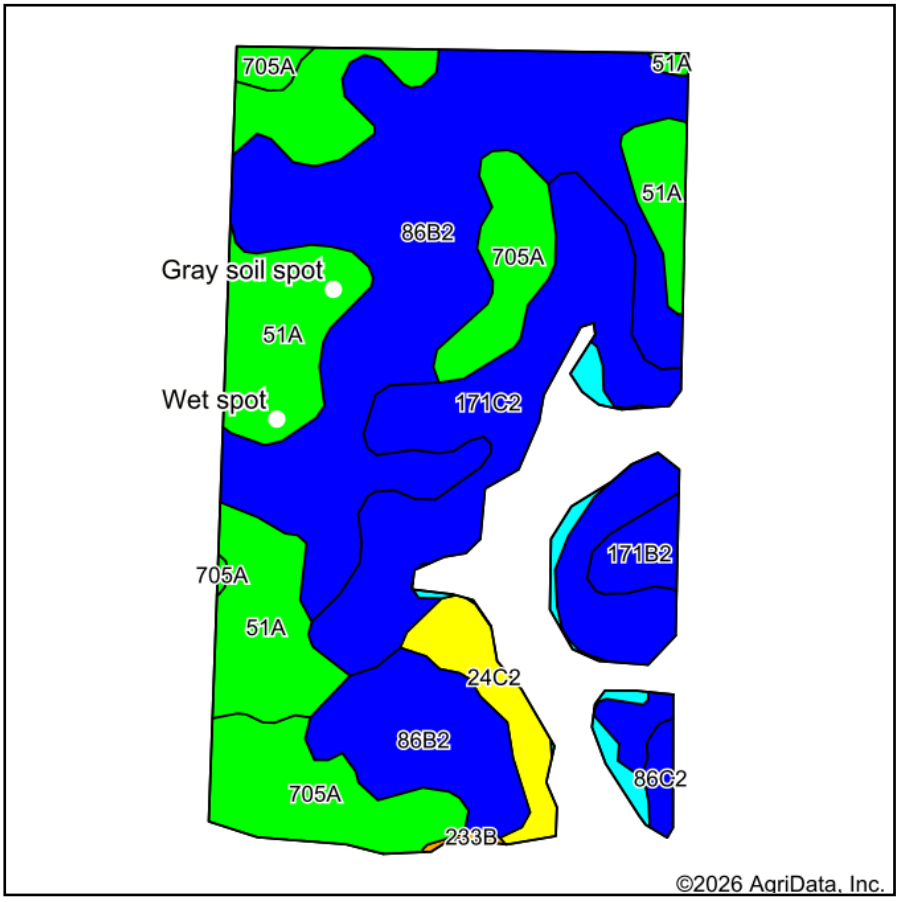
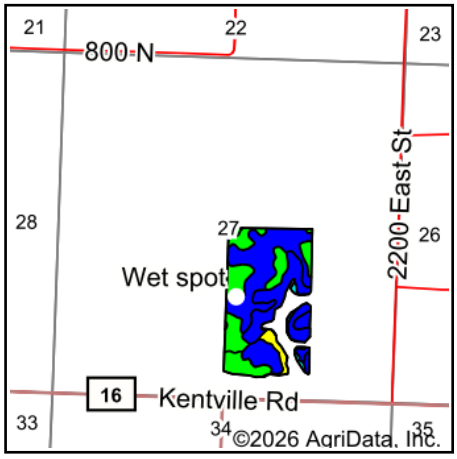
Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Bureau**
Location: **27-15N-9E**
Township: **Arispie**
Acres: **59.7**
Date: **11/5/2026**

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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	*n NCCI Overa
**86B2	Osco silt loam, 2 to 5 percent slopes, eroded	23.90	40.0%		> 6.5ft.	Well drained	FAV	**180	**56	**71	**96	**6.00	**133	
**171C2	Catlin silt loam, 5 to 10 percent slopes, eroded	12.48	20.9%		> 6.5ft.	Moderately well drained	FAV	**174	**55	**68	**92	**6.00	**128	
51A	Muscatune silt loam, 0 to 2 percent slopes	11.29	18.9%		> 6.5ft.	Somewhat poorly drained	FAV	200	64	75	104	6.00	147	
705A	Buckhart silt loam, 0 to 2 percent slopes	7.12	11.9%		> 6.5ft.	Moderately well drained	FAV	190	61	74	100	7.00	142	
**24C2	Dodge silt loam, 5 to 10 percent slopes, eroded	2.12	3.6%		> 6.5ft.	Well drained	FAV	**155	**49	**60	**77	**5.00	**113	

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

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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	*n NCCI Overa
**171B2	Catlin silt loam, 2 to 5 percent slopes, eroded	1.15	1.9%		> 6.5ft.	Moderately well drained	FAV	**178	**56	**69	**94	**6.00	**131	
**820E	Hennepin-Casco complex, 12 to 30 percent slopes	1.03	1.7%		1.7ft. (Strongly contrasting textural stratification)	Well drained	UNF	**101	**34	**38	**43	**3.00	**76	
**86C2	Osco silt loam, 5 to 10 percent slopes, eroded	0.52	0.9%		> 6.5ft.	Well drained	FAV	**178	**56	**70	**95	**6.00	**131	
**233B	Birkbeck silt loam, 2 to 5 percent slopes	0.09	0.2%		> 6.5ft.	Moderately well drained	FAV	**165	**51	**65	**87	**5.00	**121	
							Weighted Average	**181.4**	**57.3**	**70.5**	**95.5**	**6**	**133.9**	***n 8**

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
	GSP	Gray soil spot	A spot in which the surface layer is gray in areas where the subsurface layer of the named soils in the surrounding map unit are darker. Typically .25 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.