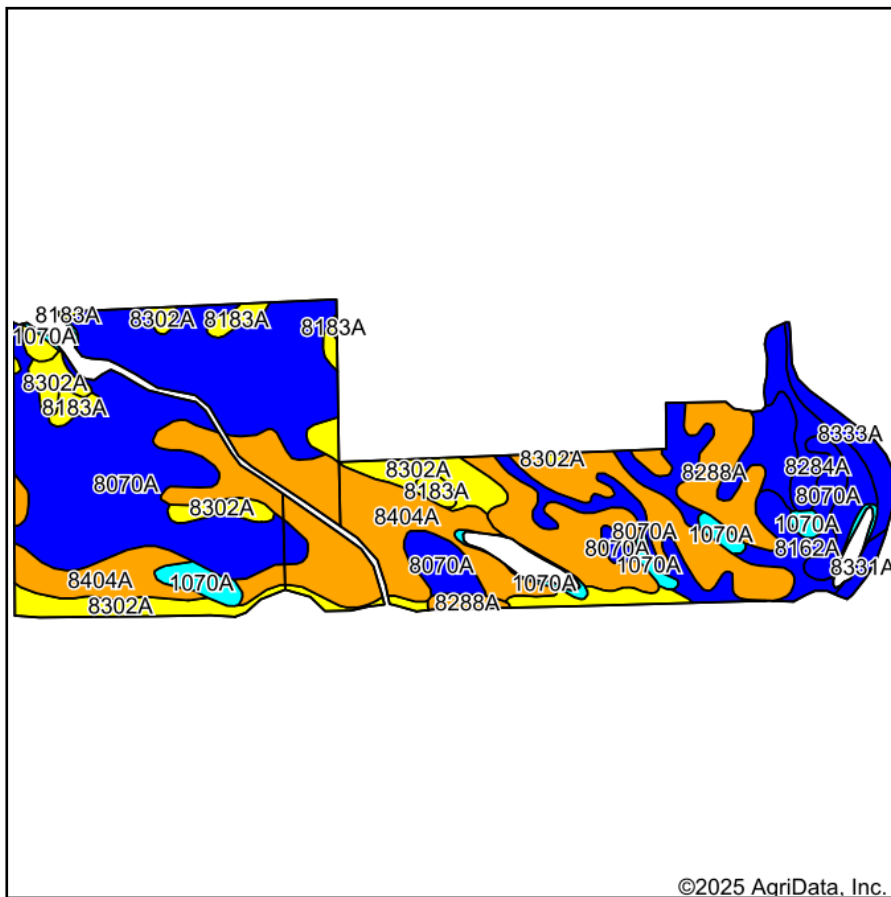
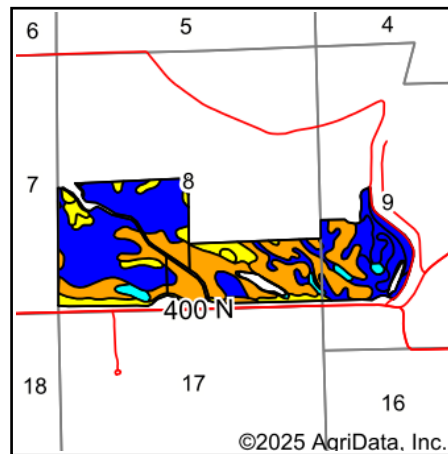


# Soils Map



Soils data provided by USDA and NRCS.

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State: **Illinois**  
 County: **Pike**  
 Location: **8-7S-5W**  
 Township: **Ross**  
 Acres: **280.33**  
 Date: **5/22/2025**



Maps Provided By:



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Area Symbol: IL149, Soil Area Version: 19

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <sup>b</sup>	Sorghum <sup>c</sup> Bu/A	Grass-le gume <sup>e</sup> hay, T/A	Crop productivity index for optimum management	*n NCCPI Soybeans
**8070A	Beaucoup silty clay loam, cool mesic, 0 to 2 percent slopes, occasionally flooded	117.32	41.8%		FAV	**176	**58	**69	**90	0	**5.00	**132	75
**8404A	Titus silty clay loam, 0 to 2 percent slopes, occasionally flooded	52.04	18.6%		FAV	**158	**52	**61	**75	0	**5.00	**118	43
**8288A	Petrolia silt loam, 0 to 2 percent slopes, occasionally flooded	43.50	15.5%		FAV	**164	**49	**62	**80	0	**5.00	**118	52
**8302A	Ambraw clay loam, 0 to 2 percent slopes, occasionally flooded	26.92	9.6%		FAV	**154	**50	**60	**75	0	**5.00	**114	73

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

Code	Soil Description	Acres	Percent of field	II. State Productivity Index Legend	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <sup>b</sup>	Sorghum <sup>c</sup> Bu/A	Grass-legume <sup>e</sup> hay, T/A	Crop productivity index for optimum management	*n NCCPI Soybeans
**8284A	Tice silty clay loam, 0 to 2 percent slopes, occasionally flooded	11.39	4.1%		FAV	**184	**57	**70	**95	0	**6.00	**134	75
**1070A	Beaucoup silty clay loam, undrained, 0 to 2 percent slopes, occasionally flooded	8.82	3.1%		FAV	**88	**29	**35	**45	0	**3.00	**66	14
**8162A	Gorham silty clay loam, 0 to 2 percent slopes, occasionally flooded	6.66	2.4%		FAV	**175	**57	**68	**89	0	**5.00	**130	71
**8183A	Shaffton clay loam, 0 to 2 percent slopes, occasionally flooded	6.49	2.3%		FAV	**152	**50	**59	**79	0	**5.00	**113	72
8333A	Wakeland silt loam, 0 to 2 percent slopes, occasionally flooded	5.63	2.0%		FAV	174	56	68	85	0	5.00	128	78
8331A	Haymond silt loam, 0 to 2 percent slopes, occasionally flooded	1.56	0.6%		FAV	181	56	70	92	0	6.00	132	78
Weighted Average						165.6	53.5	64.3	82.6	*	5	122.9	*n 63.3

**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, flooding, and surface texture.** Publication Date: 01-28-2025

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>

\*\* Base indexes from Bulletin 811 adjusted for slope, erosion, flooding, and surface texture according to the II. Soils EFOTG

**b** Soils in the southern region were not rated for oats and are shown with a zero "0".

**c** Soils in the northern region or in both regions were not rated for grain sorghum 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"