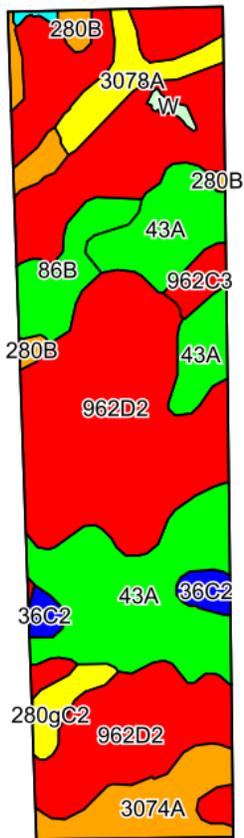
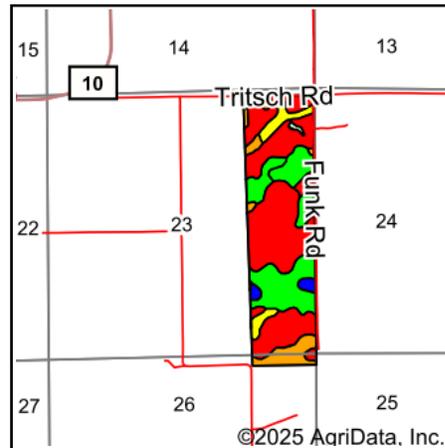


Soils Map



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State: **Illinois**
 County: **Cass**
 Location: **23-17N-11W**
 Township: **Arenzville**
 Acres: **161.44**
 Date: **10/15/2025**

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
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Soils data provided by USDA and NRCS.

Area Symbol: IL017, Soil Area Version: 20

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting ^a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A ^b	Sorghum ^c Bu/A	Grass-le gume ^e hay, T/A	Crop productivity index for optimum management	*n NCCPI Soybeans
**962D2	Sylvan-Bold silt loams, 10 to 18 percent slopes, eroded	86.21	53.3%		FAV	**132	**42	**51	**61	0	**4.00	**96	63
43A	Ipava silt loam, 0 to 2 percent slopes	37.75	23.4%		FAV	191	62	77	100	0	6.00	142	77
**3074A	Radford silt loam, 0 to 2 percent slopes, frequently flooded	11.16	6.9%		FAV	**167	**52	**66	**89	0	**5.00	**122	66
**86B	Osco silt loam, 2 to 5 percent slopes	7.21	4.5%		FAV	**187	**59	**74	**100	0	**7.00	**138	78
**3078A	Arenzville silt loam, 0 to 2 percent slopes, frequently flooded	6.32	3.9%		FAV	**160	**50	**59	**81	0	**5.00	**117	81

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



Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A b	Sorghum c Bu/A	Grass-legume e hay, T/A	Crop productivity index for optimum management	*n NCCPI Soybeans
**280gC2	Fayette silt loam, glaciated, 5 to 10 percent slopes, eroded	3.20	2.0%		FAV	**155	**49	**61	**79	0	**5.00	**113	66
**36C2	Tama silt loam, 5 to 10 percent slopes, eroded	3.16	2.0%		FAV	**174	**56	**68	**91	0	**7.00	**129	72
**280B	Fayette silt loam, glaciated, 2 to 5 percent slopes	3.00	1.9%		FAV	**164	**52	**65	**83	0	**5.00	**120	78
**962C3	Sylvan-Bold Complex, 5 to 10 percent slopes, severely eroded	2.36	1.5%		FAV	**130	**41	**50	**60	0	**3.00	**95	59
W	Water	0.70	0.4%										
**962D3	Sylvan-Bold complex, 10 to 18 percent slopes, severely eroded	0.37	0.2%		FAV	**119	**38	**46	**55	0	**3.00	**87	54
Weighted Average						153	48.8	60	75.6	*-	4.8	112.2	*n 68

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 Il. 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"