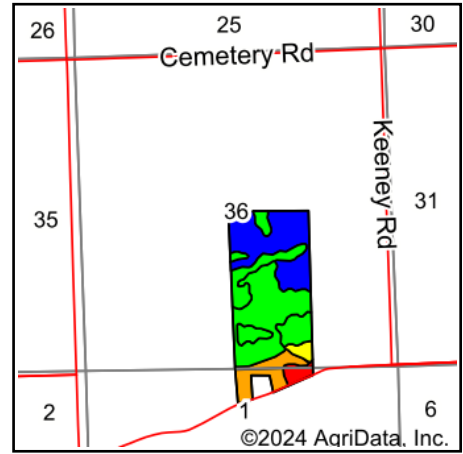
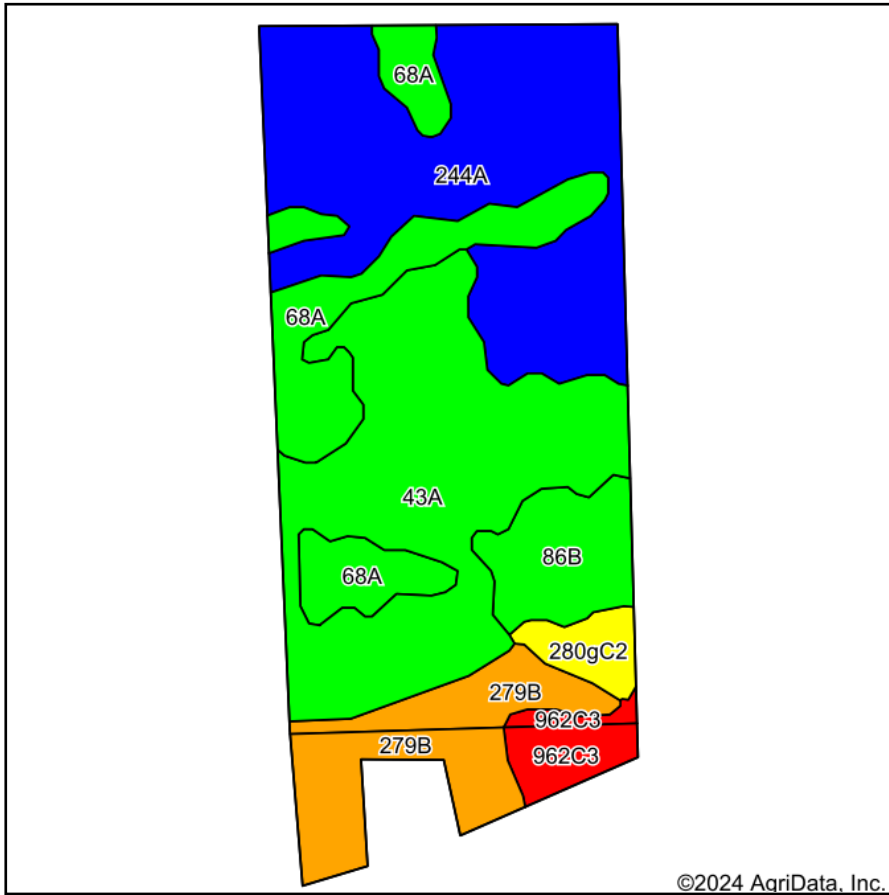


Soils Map



State: **Illinois**
 County: **Cass**
 Location: **36-17N-9W**
 Township: **Philadelphia**
 Acres: **89.48**
 Date: **10/29/2024**

©2024 AgriData, Inc.

Maps Provided By:

 CUSTOMIZED ONLINE MAPPING
 © AgriData, Inc. 2023 www.AgriDataInc.com



Soils data provided by USDA and NRCS.

Area Symbol: IL017, Soil Area Version: 19
 Area Symbol: IL137, Soil Area Version: 14

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Subsoil rooting <i>a</i>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <i>b</i>	Sorghum <i>c</i> Bu/A	Grass-le gume <i>e</i> hay, T/A	Crop productivity index for optimum management	*n NCCPI Soybeans
**244A	Hartsburg silty clay loam, 0 to 2 percent slopes	28.10	31.5%		FAV	**182	**59	**68	**89	0	**5.40	**134	80
43A	Ipava silt loam, 0 to 2 percent slopes	27.13	30.3%		FAV	191	62	77	100	0	5.90	142	77
**68A	Sable silty clay loam, 0 to 2 percent slopes	13.24	14.8%		FAV	**192	**63	**74	**99	0	**5.80	**143	75
**279B	Rozetta silt loam, 2 to 5 percent slopes	5.98	6.7%		FAV	**161	**50	**64	**82	0	**5.20	**118	78
**86B	Osco silt loam, 2 to 5 percent slopes	5.81	6.5%		FAV	**187	**59	**74	**100	0	**6.80	**138	78
**279B	Rozetta silt loam, 2 to 5 percent slopes	3.89	4.3%		FAV	**161	**50	**64	**82	0	**5.20	**118	78

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
**962C3	Sylvan-Bold complex, 5 to 10 percent slopes, severely eroded	2.42	2.7%		FAV	**131	**41	**50	**60	0	**2.00	**95	59
**280gC2	Fayette silt loam, glaciated, 5 to 10 percent slopes, eroded	2.27	2.5%		FAV	**155	**49	**61	**79	0	**4.90	**113	66
**962C3	Sylvan-Bold Complex, 5 to 10 percent slopes, severely eroded	0.64	0.7%		FAV	**131	**41	**50	**60	0	**2.00	**95	59
Weighted Average						181.8	58.6	70.8	92.5	*-	5.6	134.4	*n 76.9

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: 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>

** 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"