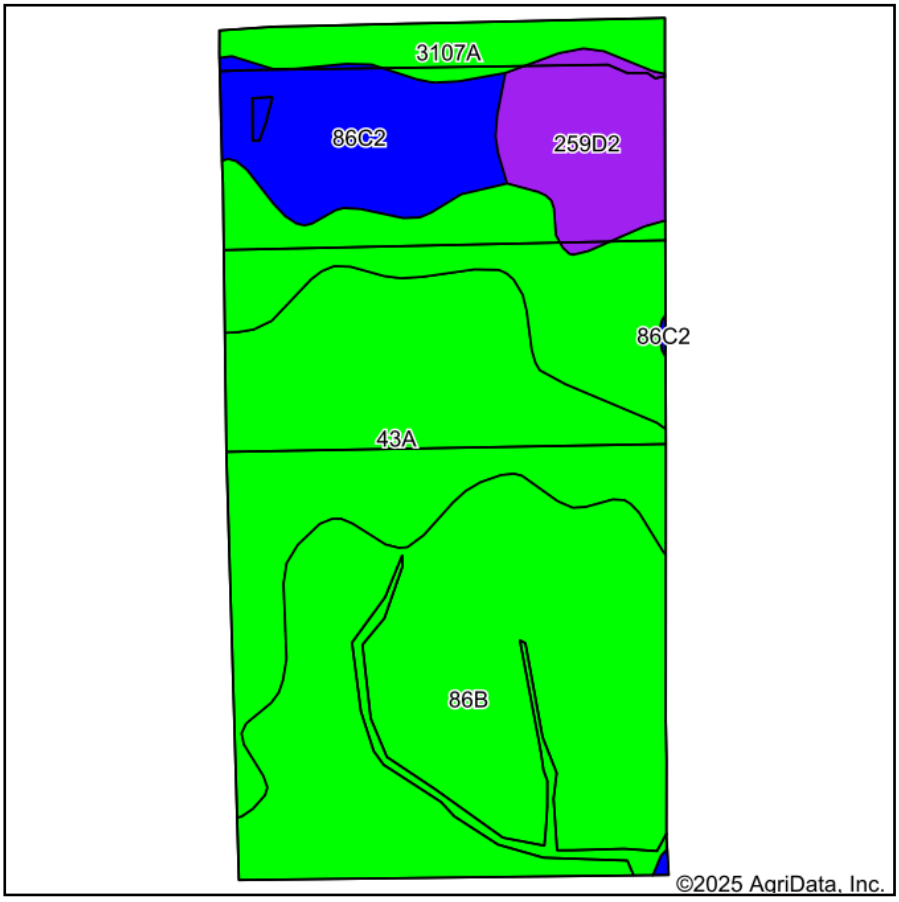
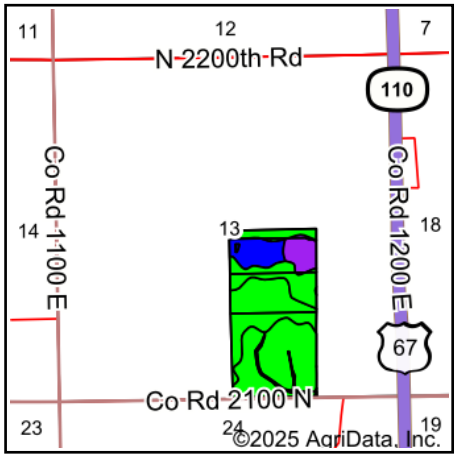
Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **McDonough**
Location: **13-7N-3W**
Township: **Sciota**
Acres: **80.58**
Date: **7/18/2025**

Maps Provided By: surety® CUSTOMIZED ONLINE MAPPING
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N W E S

Area Symbol: IL109, Soil Area Version: 21

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 NCCPI Overall
**86B	Osco silt loam, 2 to 5 percent slopes	41.58	51.6%		> 6.5ft.	Well drained	FAV	**187	**59	**74	**100	**7.00	**138	9
43A	Ipava silt loam, 0 to 2 percent slopes	20.97	26.0%		> 6.5ft.	Somewhat poorly drained	FAV	191	62	77	100	6.00	142	8
**86C2	Osco silt loam, 5 to 10 percent slopes, eroded	8.07	10.0%		> 6.5ft.	Well drained	FAV	**178	**56	**70	**95	**6.00	**131	8
**259D2	Assumption silt loam, 10 to 18 percent slopes, eroded	5.80	7.2%		> 6.5ft.	Moderately well drained	FAV	**142	**45	**57	**72	**4.00	**104	7
**3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	4.16	5.2%		> 6.5ft.	Poorly drained	FAV	**189	**60	**71	**98	**5.56	**139	6
							Weighted Average	**184**	**58.5**	**73**	**97.4**	**6.3**	**135.9**	***n 8**

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

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: 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
* 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"