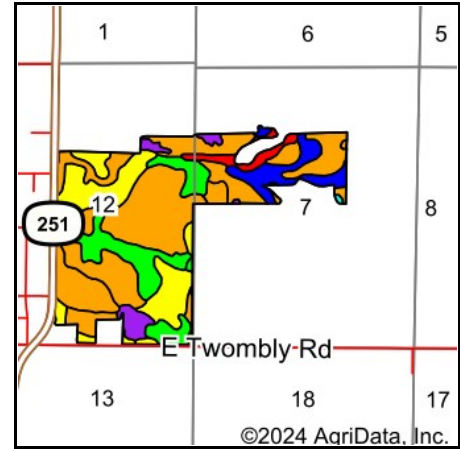
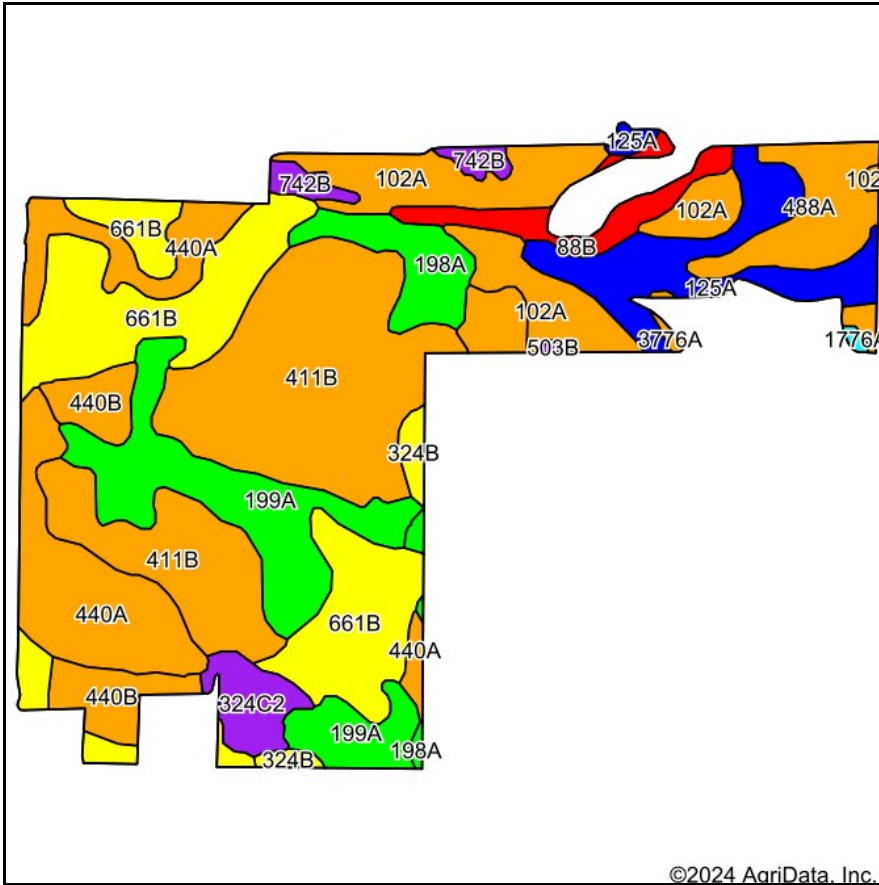


Soils Map



State: **Illinois**
 County: **Ogle**
 Location: **7-40N-2E**
 Township: **Dement**
 Acres: **283.64**
 Date: **4/18/2024**



Maps Provided By:



Soils data provided by USDA and NRCS.

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Area Symbol: IL141, Soil Area Version: 21

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Subsoil rooting ^a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management	*n NCCPI Corn	*n NCCPI Soybeans
**411B	Ashdale silt loam, 2 to 5 percent slopes	64.93	22.9%		6.5ft. >	FAV	**168	**53	**67	**124	88	76
**661B	Atkinson silt loam, 2 to 5 percent slopes	48.61	17.1%		6.5ft. >	FAV	**153	**50	**61	**114	83	69
199A	Plano silt loam, 0 to 2 percent slopes	32.26	11.4%		6.5ft. >	FAV	194	60	74	142	85	78
**440A	Jasper loam, 0 to 2 percent slopes	31.29	11.0%		6.5ft. >	FAV	**172	**56	**70	**127	87	77
**102A	La Hogue loam, 0 to 2 percent slopes	26.52	9.3%		1.5ft.	FAV	**162	**52	**71	**121	90	79
**125A	Selma loam, 0 to 2 percent slopes	20.06	7.1%		0.5ft.	FAV	**176	**57	**70	**129	75	77
**440B	Jasper loam, 2 to 5 percent slopes	14.74	5.2%		6.5ft. >	FAV	**170	**55	**69	**126	89	78
**488A	Hooppole loam, 0 to 2 percent slopes	13.02	4.6%		0.5ft.	FAV	**163	**54	**64	**121	72	76



Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Water Table	Subsoil rooting a	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management	*n NCCPI Corn	*n NCCPI Soybeans
198A	Elburn silt loam, 0 to 2 percent slopes	10.31	3.6%		1.5ft.	FAV	197	61	74	143	91	78
**88B	Sparta loamy sand, Illinois till plain, 2 to 6 percent slopes	8.05	2.8%		> 6.5ft.	FAV	**116	**40	**49	**89	55	29
**324C2	Ripon silt loam, 5 to 10 percent slopes, eroded	6.35	2.2%		> 6.5ft.	FAV	**140	**46	**57	**103	51	36
**742B	Dickinson sandy loam, loamy substratum, 1 to 5 percent slopes	3.54	1.2%		> 6.5ft.	FAV	**141	**46	**54	**102	61	56
**324B	Ripon silt loam, 2 to 5 percent slopes	2.78	1.0%		> 6.5ft.	FAV	**149	**49	**60	**110	62	51
**3776A	Comfrey loam, 0 to 2 percent slopes, frequently flooded	0.56	0.2%		0.5ft.	FAV	**169	**56	**64	**127	52	53
**1776A	Comfrey silt loam, undrained, 0 to 2 percent slopes, frequently flooded	0.40	0.1%		0.5ft.	FAV	**96	**32	**36	**72	19	14
**503B	Rockton silt loam, 2 to 5 percent slopes	0.22	0.1%		> 6.5ft.	FAV	**136	**46	**59	**102	65	50
Weighted Average							167	53.6	66.9	123.4	*n 82.8	*n 72.8

Soil data provided by USDA and NCCS. Soil data provided by University of Illinois' Center for Crop

Table. Optimum Crop Productivity Ratings for Illinois Corn, Soybean, and Wheat 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

*n: The aggregation method is "Weighted Average using all components"