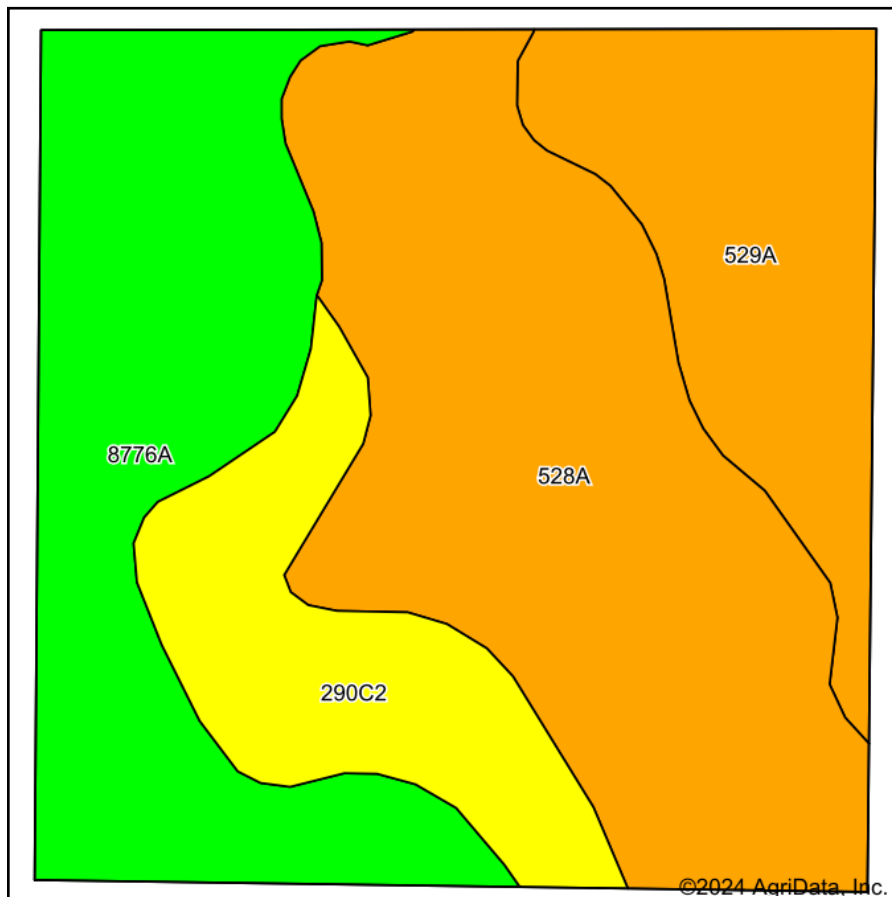
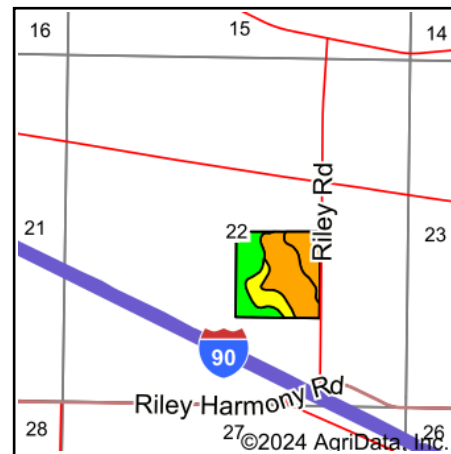


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **McHenry**
 Location: **22-43N-5E**
 Township: **Riley**
 Acres: **38.37**
 Date: **3/21/2024**



Maps Provided By:



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Area Symbol: IL111, Soil Area Version: 19

Code	Soil Description	Acres	Percent of field	II. 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
**528A	Lahoguess loam, 0 to 2 percent slopes	15.30	39.9%		FAV	**170	**55	**65	**88	0	**5.10	**126	69
**8776A	Comfrey loam, 0 to 2 percent slopes, occasionally flooded	10.88	28.4%		FAV	**188	**62	**71	**91	0	**5.60	**141	52
**529A	Selmass loam, 0 to 2 percent slopes	6.68	17.4%		FAV	**163	**53	**64	**84	0	**5.10	**121	78
**290C2	Warsaw loam, 4 to 6 percent slopes, eroded	5.51	14.4%		FAV	**149	**48	**59	**75	0	**4.70	**110	56
Weighted Average						170.9	55.6	65.7	86.3	*-	5.2	127.1	*n 63.9

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 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"

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