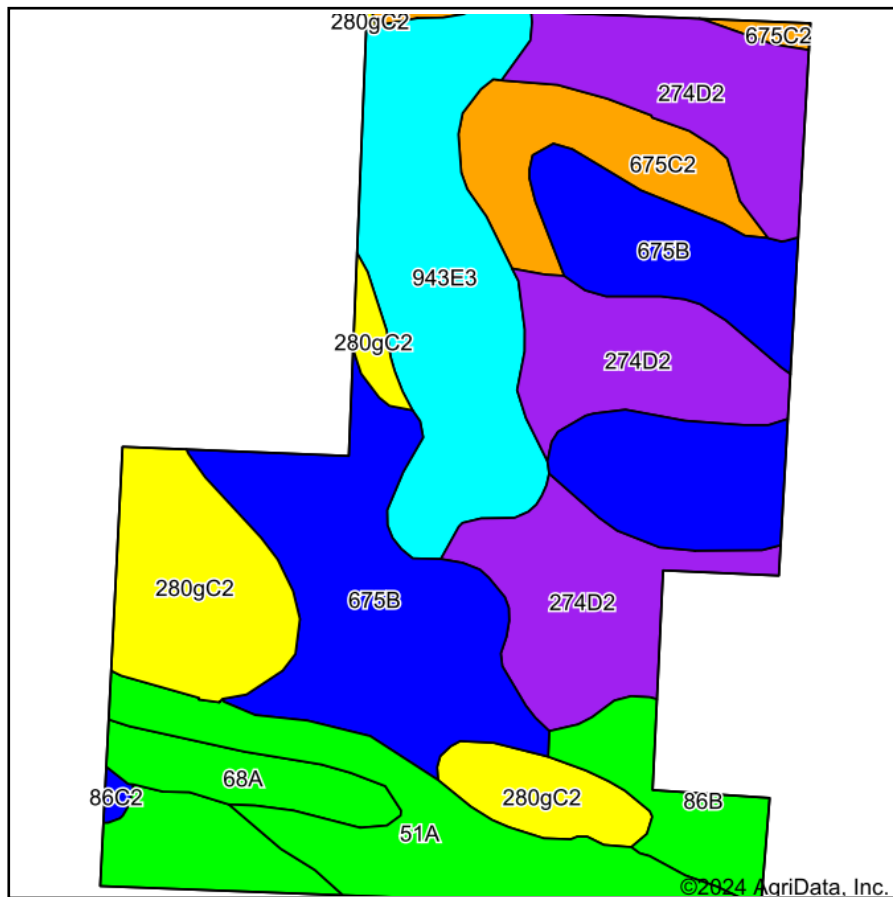
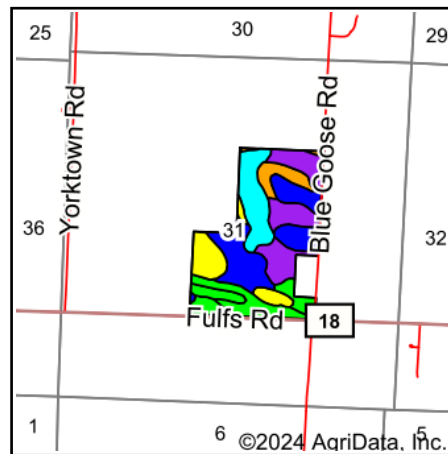


# Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**  
 County: **Whiteside**  
 Location: **31-22N-6E**  
 Township: **Genesee**  
 Acres: **92.91**  
 Date: **11/13/2024**

Maps Provided By:  
  
 CUSTOMIZED ONLINE MAPPING  
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Area Symbol: IL195, Soil Area Version: 23

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 Overall	*n NCCPI Corn	*n NCCPI Small Grains
**675B	Greenbush silt loam, 2 to 5 percent slopes	23.78	25.6%		FAV	**180	**57	**69	**95	0	**5.30	**131	91	91	7
**274D2	Seaton silt loam, 10 to 18 percent slopes, eroded	20.02	21.5%		FAV	**144	**44	**56	**74	0	**3.90	**104	80	80	6
**943E3	Seaton-Timula silt loams, 18 to 25 percent slopes, severely eroded	13.48	14.5%		FAV	**108	**34	**41	**53	0	**2.50	**79	46	46	2
**280gC2	Fayette silt loam, glaciated, 5 to 10 percent slopes, eroded	10.64	11.5%		FAV	**155	**49	**61	**79	0	**4.90	**113	84	84	6

Code	Soil Description	Acres	Percent of field	II. State Productivity Index Legend	Subsoil rooting <sup>a</sup>	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Oats Bu/A <sup>b</sup>	Sorghum <sup>c</sup> Bu/A	Grass-legume <sup>e</sup> hay, T/A	Crop productivity index for optimum management	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Small Grains
51A	Muscataune silt loam, 0 to 2 percent slopes	8.94	9.6%		FAV	200	64	75	104	138	6.00	147	95	95	8
**86B	Osco silt loam, 2 to 5 percent slopes	6.84	7.4%		FAV	**187	**59	**74	**100	0	**6.80	**138	92	92	7
**675C2	Greenbush silt loam, 5 to 10 percent slopes, eroded	5.96	6.4%		FAV	**171	**54	**65	**90	0	**5.00	**125	83	83	7
**68A	Sable silty clay loam, 0 to 2 percent slopes	3.03	3.3%		FAV	**192	**63	**74	**99	0	**5.80	**143	84	84	7
**86C2	Osco silt loam, 5 to 10 percent slopes, eroded	0.22	0.2%		FAV	**178	**56	**70	**95	0	**6.40	**131	84	84	7
Weighted Average						161.2	50.8	62.1	83.6	13.3	4.7	117.6	*n 81	*n 81	*n 65

**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

<sup>b</sup> Soils in the southern region were not rated for oats and are shown with a zero "0".

<sup>c</sup> Soils in the northern region or in both regions were not rated for grain sorghum and are shown with a zero "0".

<sup>e</sup> 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"