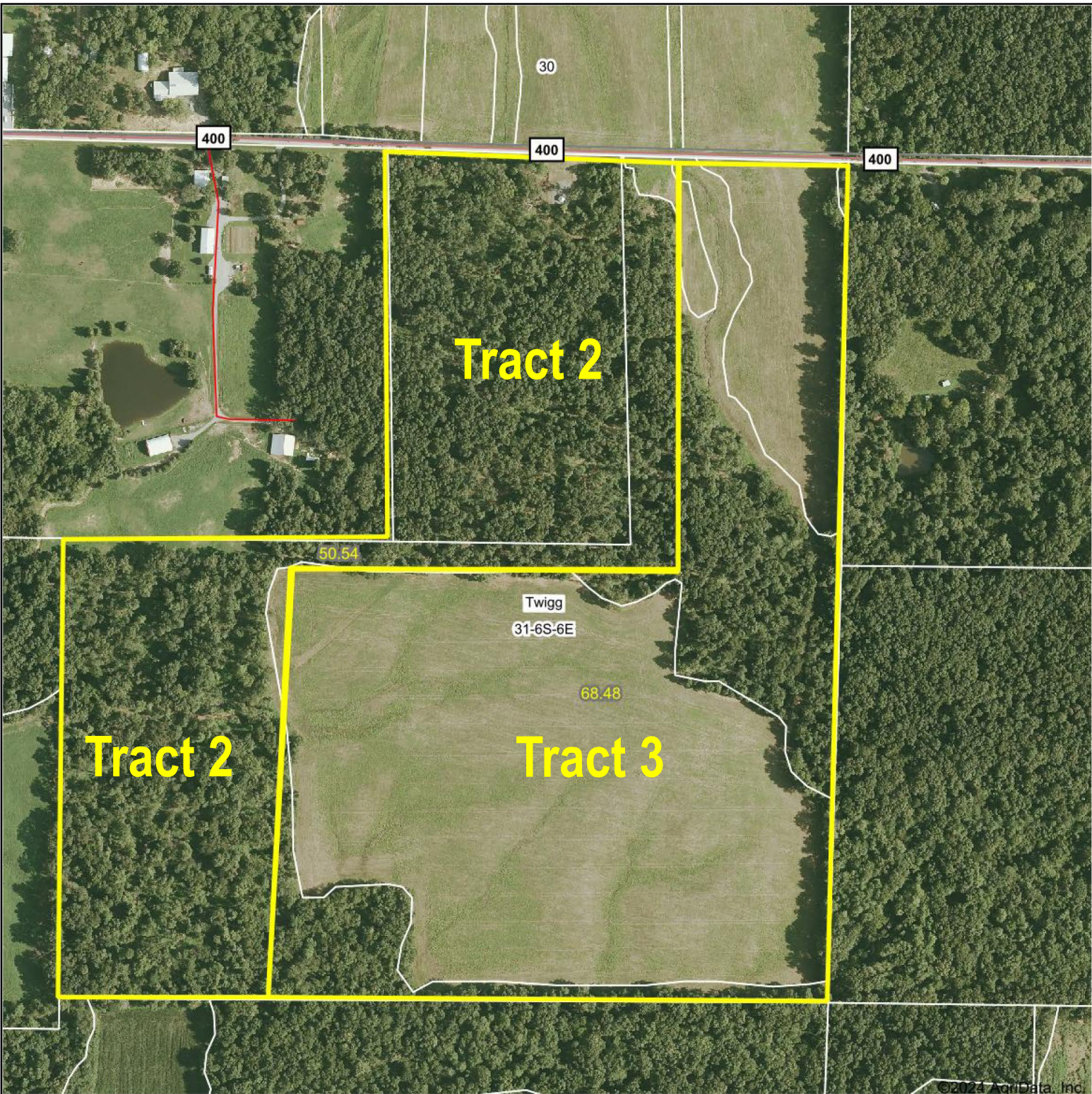
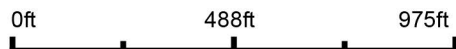


# Aerial Map



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Boundary Center: 37° 57' 43.02, -88° 35' 9.8



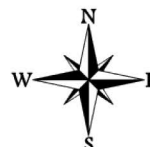
Maps Provided By:



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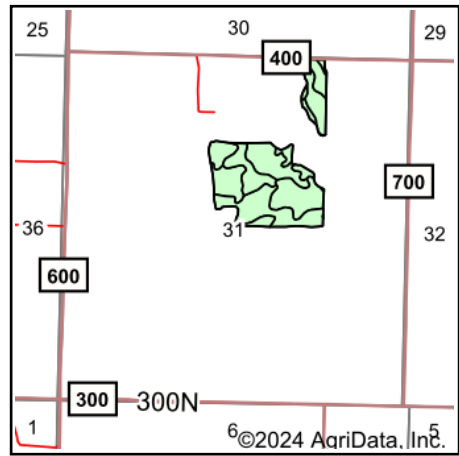
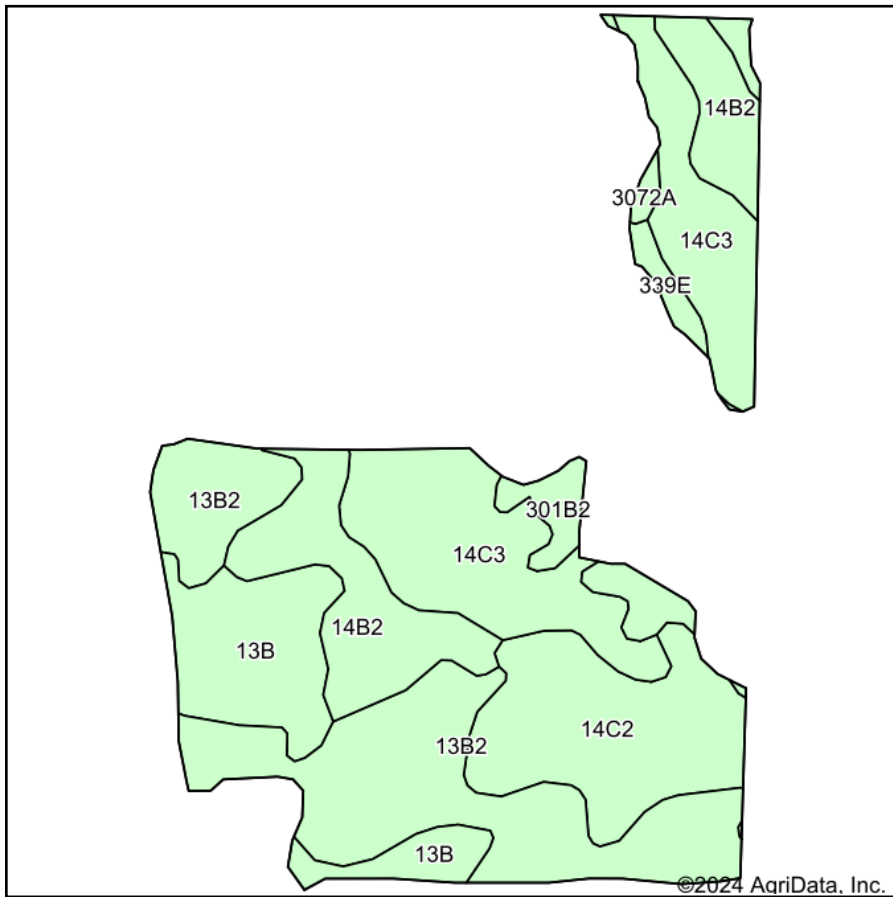
**31-6S-6E**  
**Hamilton County**  
**Illinois**



12/16/2024



# Soils Map



State: **Illinois**  
 County: **Hamilton**  
 Location: **31-6S-6E**  
 Township: **Twigg**  
 Acres: **50.63**  
 Date: **11/8/2024**



Area Symbol: IL065, Soil Area Version: 18

Code	Soil Description	Acres	Percent of field	Corn Bu/A	Soybeans Bu/A	Wheat Bu/A	Crop productivity index for optimum management	*n NCCPI Soybeans
**13B2	Bluford silt loam, 2 to 5 percent slopes, eroded	13.74	27.1%	**129	**42	**52	**96	45
**14C3	Ava silt loam, 5 to 10 percent slopes, severely eroded	12.06	23.8%	**100	**33	**41	**74	56
**14C2	Ava silt loam, 5 to 10 percent slopes, eroded	8.06	15.9%	**120	**39	**49	**89	36
**14B2	Ava silt loam, 2 to 5 percent slopes, eroded	7.46	14.7%	**126	**41	**51	**93	38
**13B	Bluford silt loam, 2 to 5 percent slopes	6.41	12.7%	**135	**44	**54	**100	62
**301B2	Grantsburg silt loam, 2 to 5 percent slopes, eroded	1.97	3.9%	**123	**42	**51	**94	37
**339E	Wellston silt loam, 18 to 25 percent slopes	0.65	1.3%	**94	**32	**38	**71	41
**3072A	Sharon silt loam, 0 to 2 percent slopes, frequently flooded	0.28	0.6%	**148	**48	**57	**110	57
<b>Weighted Average</b>				<b>120.4</b>	<b>39.4</b>	<b>48.8</b>	<b>89.4</b>	<b>*n 47</b>

**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

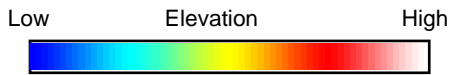
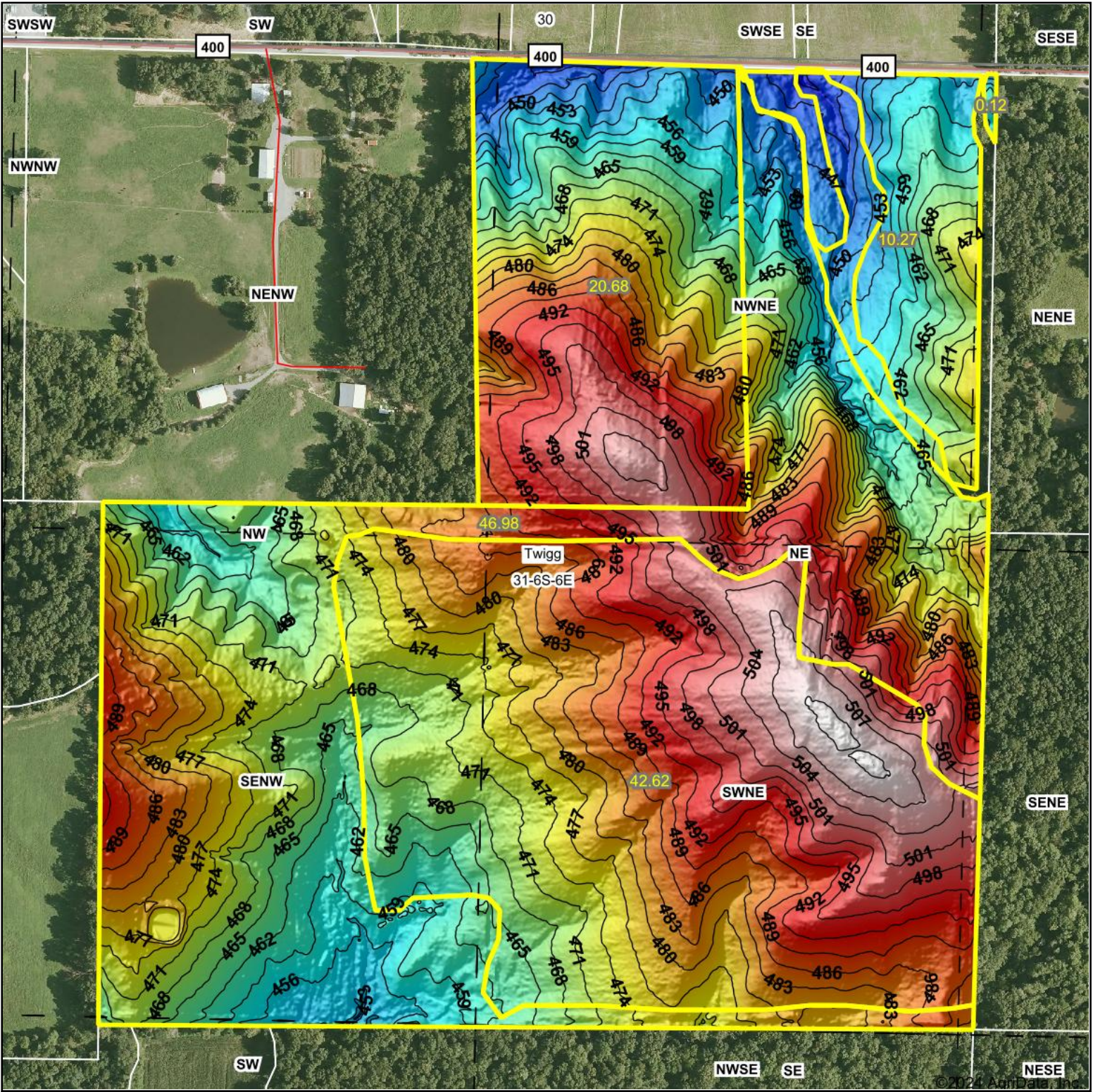
Crop yields and productivity (B811 EFOTG) are maintained at the following USDA web site: 2023 Illinois Soil Productivity and Yield Indices: <https://efotg.sc.egov.usda.gov/#/state/IL/documents/section=2&folder=52809>

\*\* Base indexes from Bulletin 811 adjusted for slope, erosion, flooding, and surface texture according to the IL Soils EFOTG

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



# Topography Hillshade



Source: USGS 1 meter dem  
 Interval(ft): 3  
 Min: 440.9  
 Max: 510.7  
 Range: 69.8  
 Average: 477.2  
 Standard Deviation: 15.29 ft



**31-6S-6E**  
**Hamilton County**  
**Illinois**

Boundary Center: 37° 57' 43.05, -88° 35' 9.79



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 Field borders provided by Farm Service Agency as of 5/21/2008.