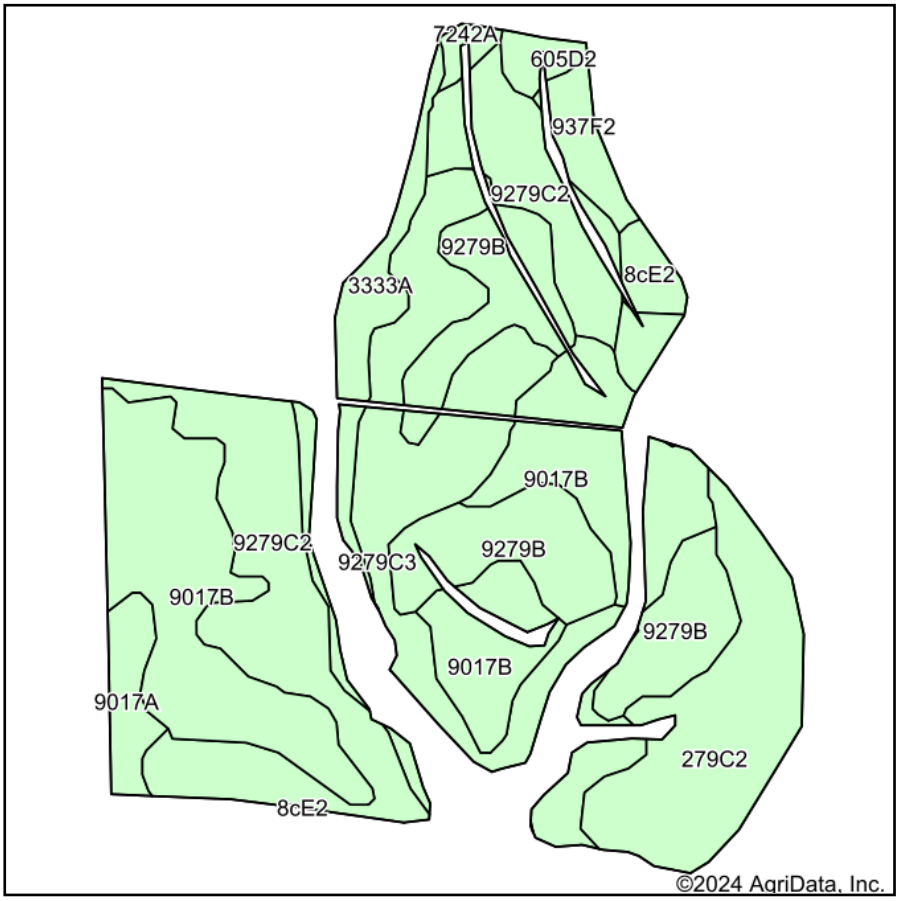
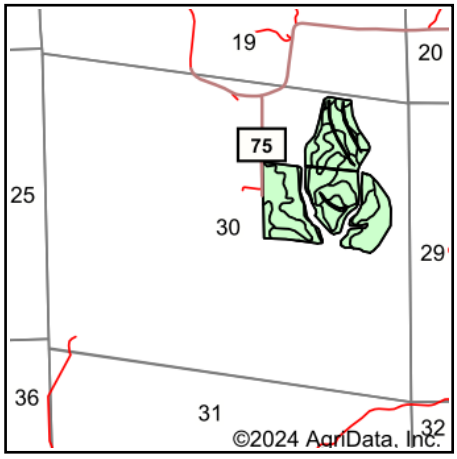
Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
County: **Brown**
Location: **30-2S-4W**
Township: **Buckhorn**
Acres: **83.93**
Date: **3/15/2024**

Maps Provided By:
surety® CUSTOMIZED ONLINE MAPPING
© AgriData, Inc. 2023 www.AgriDataInc.com

Area Symbol: IL009, Soil Area Version: 18

Code	Soil Description	Acres	Percent of field	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
**9017B	Keomah silt loam, terrace, 2 to 5 percent slopes	20.85	24.8%	FAV	**159	**50	**64	**82	0	**5.00	**118	68
**9279C2	Rozetta silt loam, terrace, 5 to 10 percent slopes, eroded	16.37	19.5%	FAV	**153	**47	**60	**78	0	**4.90	**112	64
**9279C3	Rozetta silty clay loam, terrace, 5 to 10 percent slopes, severely eroded	13.31	15.9%	FAV	**139	**43	**55	**71	0	**4.50	**102	59
**9279B	Rozetta silt loam, terrace, 2 to 5 percent slopes	12.20	14.5%	FAV	**161	**50	**64	**82	0	**5.20	**118	81
**279C2	Rozetta silt loam, 5 to 10 percent slopes, eroded	10.72	12.8%	FAV	**153	**47	**60	**78	0	**4.90	**112	63
**3333A	Wakeland silt loam, 0 to 2 percent slopes, frequently flooded	4.21	5.0%	FAV	**157	**50	**61	**77	0	**4.60	**115	76

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

Code	Soil Description	Acres	Percent of field	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
9017A	Keomah silt loam, terrace, 0 to 2 percent slopes	2.01	2.4%	FAV	161	51	65	83	0	5.10	119	69
**937F2	Seaton-Hickory silt loams, 18 to 35 percent slopes, eroded	1.71	2.0%	FAV	**105	**34	**41	**51	0	**3.00	**77	9
**8cE2	Hickory silt loam, cool mesic, 18 to 25 percent slopes, eroded	1.10	1.3%	FAV	**93	**32	**38	**43	0	**3.10	**71	42
**605D2	Ursa silt loam, 10 to 18 percent slopes, eroded	0.91	1.1%	UNF	**93	**32	**38	**41	0	**3.10	**71	23
7242A	Kendall silt loam, 0 to 2 percent slopes, rarely flooded	0.54	0.6%	FAV	172	53	66	89	0	5.30	125	78
			Weighted Average		**151.5**	**47.2**	**60.1**	**77.2**	***-**	**4.8**	**111.5**	***n 65.5**

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
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"