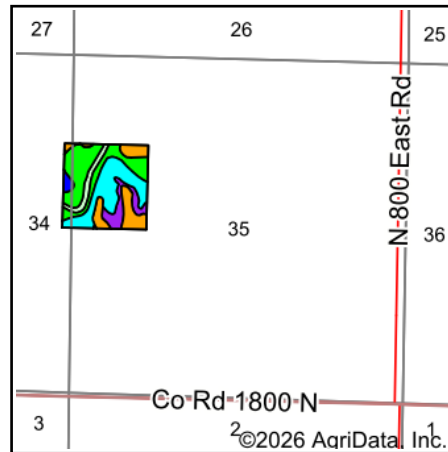
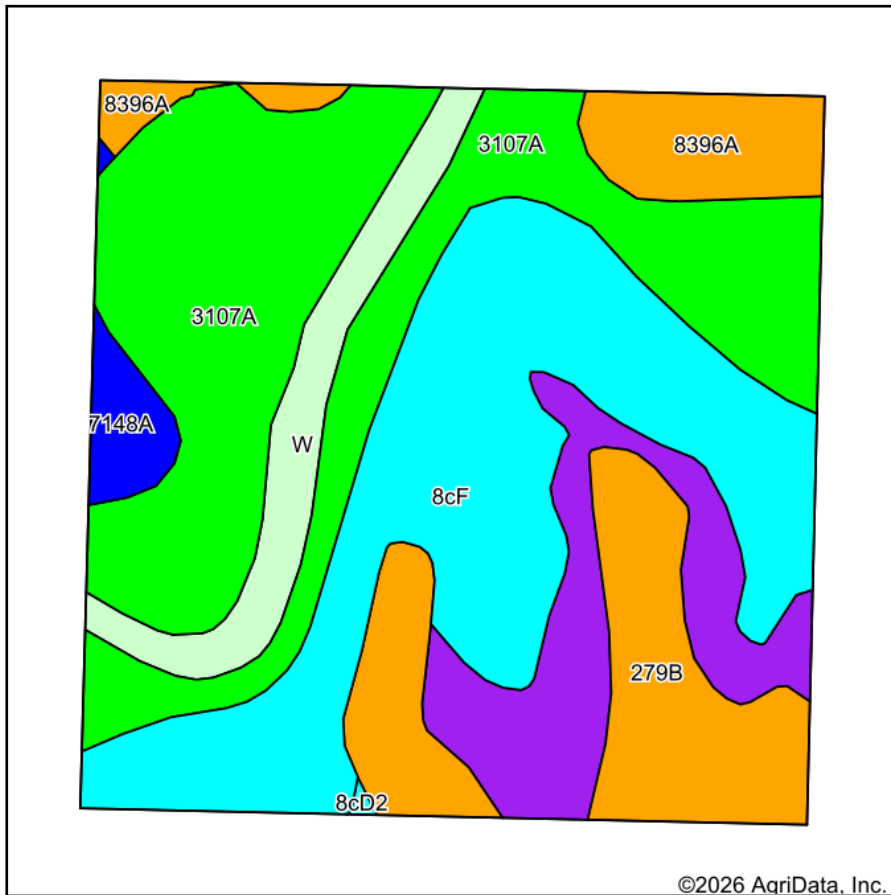


# Soils Map



State: **Illinois**  
 County: **Christian**  
 Location: **35-14N-3W**  
 Township: **Buckhart**  
 Acres: **39.93**  
 Date: **4/20/2026**



Maps Provided By:



Soils data provided by USDA and NRCS.

Area Symbol: IL021, Soil Area Version: 19

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Restrictive Layer	Soil Drainage	*Subsoil rooting <b>a</b>	*Corn Bu/A	*Soybeans Bu/A	*Wheat Bu/A	*Oats Bu/A <b>b</b>	*Grass-legume hay, T/A	*Crop productivity index for optimum management
**3107A	Sawmill silty clay loam, 0 to 2 percent slopes, frequently flooded	13.58	34.1%		> 6.5ft.	Poorly drained	FAV	**189	**60	**71	**98	**5.56	**139
**8cF	Hickory silt loam, cool mesic, 18 to 35 percent slopes	11.39	28.5%		> 6.5ft.	Well drained	FAV	**89	**30	**36	**41	**3.00	**68
**279B	Rozetta silt loam, 2 to 5 percent slopes	5.14	12.9%		> 6.5ft.	Well drained	FAV	**161	**50	**64	**82	**5.00	**118
**119C2	Elco silt loam, 5 to 10 percent slopes, eroded	4.11	10.3%		2.6ft. (Densic material)	Moderately well drained	FAV	**140	**46	**55	**70	**4.00	**104
W	Water	2.53	6.3%		> 6.5ft.								
8396A	Vesser silt loam, 0 to 2 percent slopes, occasionally flooded	2.33	5.8%		> 6.5ft.	Poorly drained	FAV	168	53	64	84	5.00	123

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



Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Restrictive Layer	Soil Drainage	*Subsoil rooting <b>a</b>	*Corn Bu/A	*Soybeans Bu/A	*Wheat Bu/A	*Oats Bu/A <b>b</b>	*Grass-legume <b>e</b> hay, T/A	*Crop productivity index for optimum management
7148A	Proctor silt loam, 0 to 2 percent slopes, rarely flooded	0.85	2.1%		> 6.5ft.	Well drained	FAV	185	58	70	99	6.00	135
<b>Weighted Average</b>								<b>138.5</b>	<b>44.5</b>	<b>53.5</b>	<b>69.8</b>	<b>4.2</b>	<b>102.6</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, 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>

\* The flood/pond factor has been removed for B811 indexes and yields.

\*\* Base indexes from Bulletin 811 adjusted for slope, erosion, 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".

**e** Soils in the well drained group were not rated for grass-legume and are shown with a zero "0".