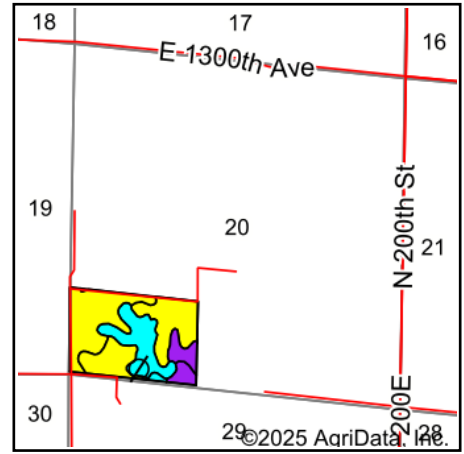
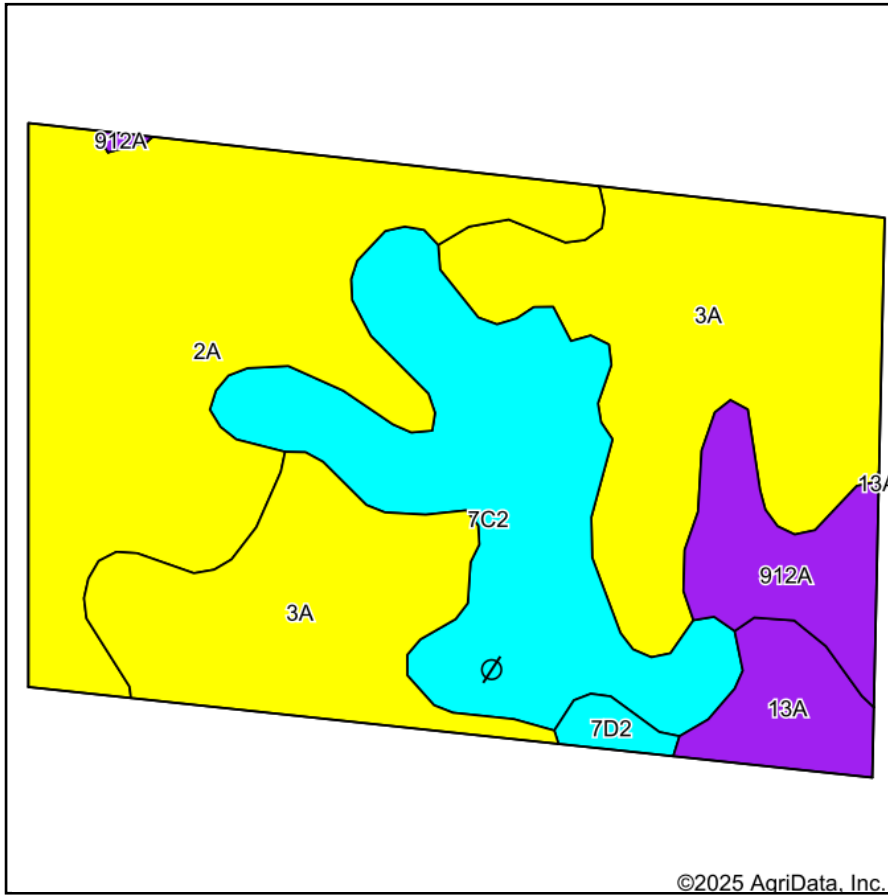


# Soils Map



State: **Illinois**  
 County: **Jasper**  
 Location: **20-7N-8E**  
 Township: **North Muddy**  
 Acres: **63.71**  
 Date: **9/16/2025**

**SCHMID**  
**AUCTION**  
 (217) 857-1507 • 618-308-1551  
 www.BidSchmid.com

Maps Provided By:

**surety**  
 CUSTOMIZED ONLINE MAPPING  
 © AgriData, Inc. 2023 www.AgriDataInc.com



Soils data provided by USDA and NRCS.

Area Symbol: IL079, Soil Area Version: 21

Code	Soil Description	Acres	Percent of field	Il. State Productivity Index Legend	Restrictive Layer	Soil Drainage	*Subsoil rooting a	*Corn Bu/A	*Soybeans Bu/A	*Wheat Bu/A	*Oats Bu/A b	*Grass-legume hay, T/A	*Crop productivity index for optimum management	*n NCCPI Overall
3A	Hoyleton silt loam, 0 to 2 percent slopes	23.25	36.5%		0.9ft. (Abrupt textural change)	Somewhat poorly drained	FAV	146	46	58	0	5.00	108	78
2A	Cisne silt loam, 0 to 2 percent slopes	19.45	30.5%		1.4ft. (Abrupt textural change)	Poorly drained	FAV	149	46	59	0	5.00	109	79
**7C2	Atlas silt loam, 5 to 10 percent slopes, eroded	13.76	21.6%		> 6.5ft.	Somewhat poorly drained	UNF	**104	**36	**41	**48	**3.00	**80	71
912A	Hoyleton-Darmstadt silt loams, 0 to 2 percent slopes	3.99	6.3%		0.9ft. (Abrupt textural change)	Somewhat poorly drained	FAV	135	45	53	0	5.00	102	79
13A	Bluford silt loam, 0 to 2 percent slopes	2.64	4.1%		1.6ft. (Abrupt textural change)	Somewhat poorly drained	FAV	136	44	55	0	3.00	101	66

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

Code	Soil Description	Acres	Percent of field	II. 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	*n NCCPI Overall
**7D2	Atlas silt loam, 10 to 18 percent slopes, eroded	0.62	1.0%		> 6.5ft.	Somewhat poorly drained	UNF	**96	**34	**38	**44	**3.00	**74	66
Weighted Average								136.3	43.6	54	10.8	4.5	101.3	*n 76.2

**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: 01-28-2025

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 II. 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".

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

	Symbol	Name	Description
Ø	SOD	Sodic spot	An area where the surface layer has a sodium adsorption ratio that is at least 10 more than the surface layer of the named soils in the surrounding map unit which have a sodium adsorption ratio of 5 or less. Typically .5 to 3 acres.