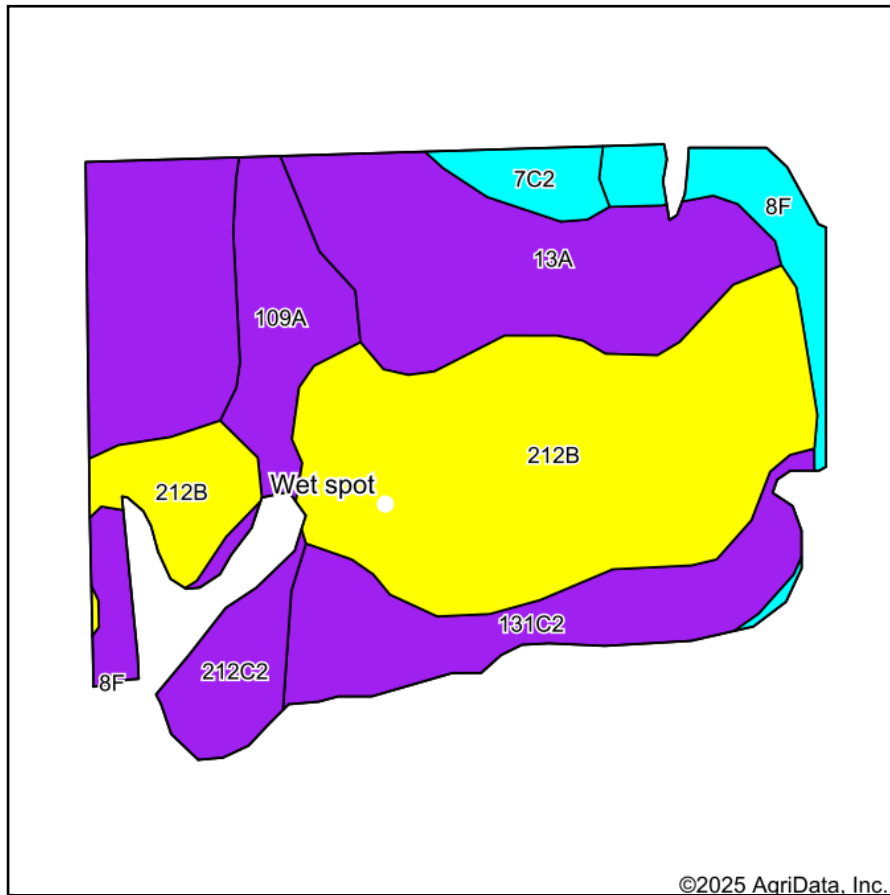
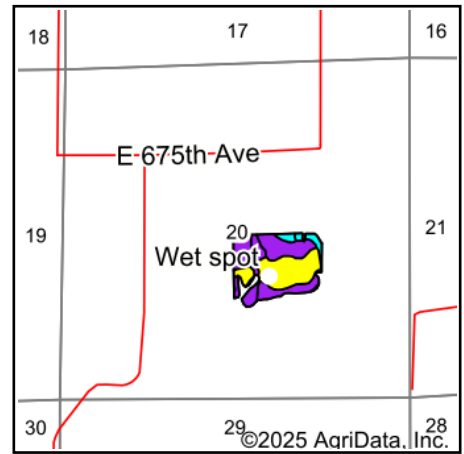


Soils Map



Soils data provided by USDA and NRCS.



State: **Illinois**
 County: **Jasper**
 Location: **20-6N-14W**
 Township: **Ste. Marie**
 Acres: **29.15**
 Date: **10/21/2025**

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Area Symbol: IL079, Soil Area Version: 22

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
**212B	Thebes loam, 2 to 5 percent slopes	10.80	37.1%		> 6.5ft.	Well drained	FAV	**146	**48	**57	**75	**4.00	**108	6
13A	Bluford silt loam, 0 to 2 percent slopes	8.67	29.7%		1.6ft. (Abrupt textural change)	Somewhat poorly drained	FAV	136	44	55	0	3.00	101	6
**131C2	Alvin fine sandy loam, 5 to 10 percent slopes, eroded	3.51	12.0%		> 6.5ft.	Well drained	FAV	**141	**45	**55	**70	**4.00	**104	5
109A	Raccoon silt loam, 0 to 2 percent slopes	2.10	7.2%		> 6.5ft.	Poorly drained	FAV	144	46	56	0	4.00	106	7
**212C2	Thebes loam, 5 to 10 percent slopes, eroded	1.94	6.7%		> 6.5ft.	Well drained	FAV	**137	**45	**54	**71	**4.00	**101	6
**8F	Hickory silt loam, 18 to 35 percent slopes	1.40	4.8%		> 6.5ft.	Well drained	FAV	**89	**30	**36	**41	**3.00	**68	2

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 a	*Corn Bu/A	*Soybeans Bu/A	*Wheat Bu/A	*Oats Bu/A b	*Grass-legume e hay, T/A	*Crop productivity index for optimum management	*n NCCPI Overall
**7C2	Atlas silt loam, 5 to 10 percent slopes, eroded	0.73	2.5%		> 6.5ft.	Somewhat poorly drained	UNF	**104	**36	**41	**48	**3.00	**80	7
Weighted Average								137.9	44.9	54.5	44.1	3.6	102.2	*n 6

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".

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

	Symbol	Name	Description
	WET	Wet spot	A somewhat poorly drained to very poorly drained area that is at least two drainage classes wetter than the named soils in the surrounding map unit. Typically .5 to 2.5 acres.