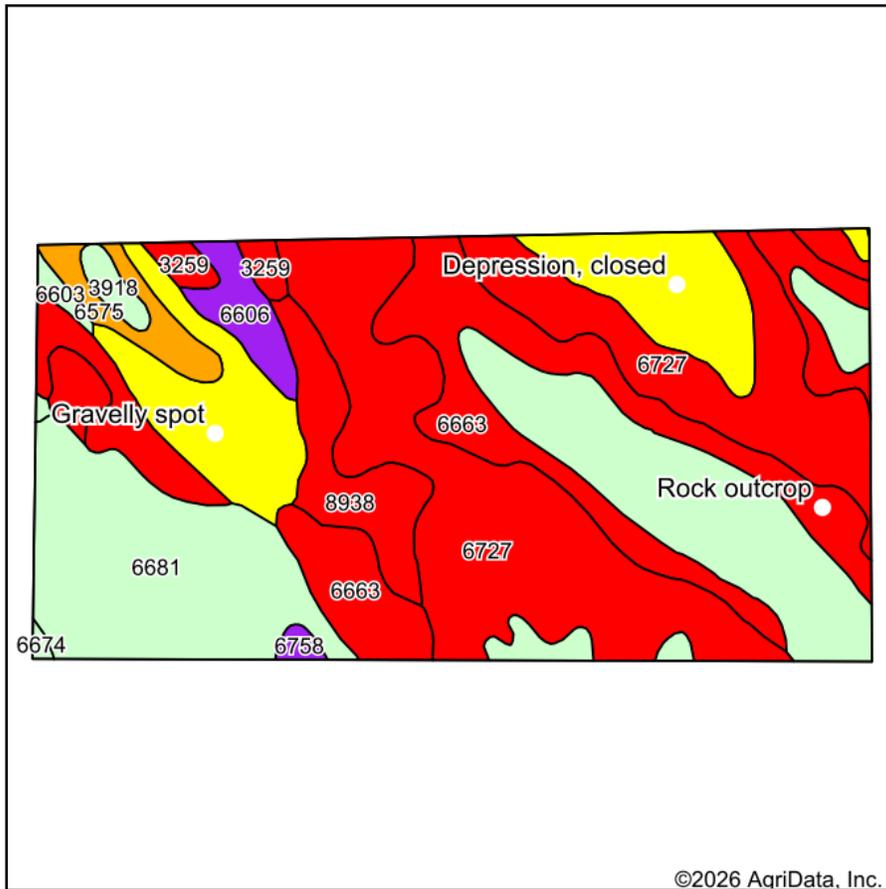
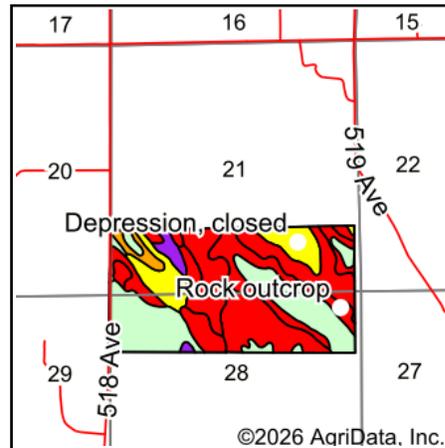


# Soils Map



Soils data provided by USDA and NRCS.



State: **Nebraska**  
 County: **Knox**  
 Location: **21-30N-7W**  
 Township: **Jefferson**  
 Acres: **305.97**  
 Date: **2/18/2026**



Area Symbol: NE107, Soil Area Version: 23

Code	Soil Description	Acres	Percent of field	SRPG Legend	Restrictive Layer	Soil Drainage	Non-Irr Class *c	Irr Class *c	Range Production (lbs/acre/yr)	SRPG	*n NCCPI Overall
6727	Thurman fine sandy loam, 2 to 11 percent slopes	96.59	31.6%		> 6.5ft.	Somewhat excessively drained	IVe	IVe	3300	35	43
6663	Brunswick-Paka complex, 17 to 30 percent slopes	49.90	16.3%		2.5ft. (Paralithic bedrock)	Well drained	Vle		3000	19	21
3225	Labu-Sansarc silty clays, 9 to 35 percent slopes	41.90	13.7%		2.7ft. (Paralithic bedrock)	Well drained	Vle		2586		29
6681	Crofton silt loam, 17 to 30 percent slopes, eroded	41.35	13.5%		> 6.5ft.	Well drained	Vle		2820		38
6605	Bazile loam, 2 to 6 percent slopes	37.09	12.1%		2ft. (Abrupt textural change)	Well drained	IIIe	IIIe	3192	61	66
8938	Simeon-Thurman complex, 6 to 30 percent slopes	14.11	4.6%		> 6.5ft.	Excessively drained	VIs		2780	23	26
6606	Bazile loam, 6 to 11 percent slopes	6.41	2.1%		> 6.5ft.	Well drained	IVe	IVe	3234	56	58
6575	Trent silt loam, 0 to 2 percent slopes	6.39	2.1%		> 6.5ft.	Well drained	I	I	3208	72	79
3259	Meadin-Oneill complex, 2 to 30 percent slopes	3.63	1.2%		> 6.5ft.	Excessively drained	VIs		2100	26	33
4791	Valentine fine sand, 3 to 9 percent slopes	3.16	1.0%		> 6.5ft.	Excessively drained	Vle	IVe	2600	22	23

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Code	Soil Description	Acres	Percent of field	SRPG Legend	Restrictive Layer	Soil Drainage	Non-Irr Class *c	Irr Class *c	Range Production (lbs/acre/yr)	SRPG	*n NCCPI Overall
3918	Bonesteel silt loam	2.37	0.8%		> 6.5ft.	Very poorly drained	Vw	IVw	3495		9
6603	Alcester silty clay loam, 2 to 6 percent slopes	1.27	0.4%		> 6.5ft.	Well drained	Ile	IIIe	3498		75
6758	Nora silty clay loam, 11 to 17 percent slopes	1.09	0.4%		> 6.5ft.	Well drained	Ive		3215	54	69
6674	Crofton silt loam, coarse, 8 to 17 percent slopes, eroded	0.71	0.2%		> 6.5ft.	Well drained	Ive		3708		58
<b>Weighted Average</b>							<b>4.82</b>	<b>*-</b>	<b>3029.6</b>	<b>26</b>	<b>*n 39.6</b>

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

\*c: Using Capabilities Class Dominant Condition Aggregation Method

\*- Irr Class weighted average cannot be calculated on the current soils data due to missing data.

Symbol	Name	Description
DEP	Depression, closed	A shallow, saucer-shaped area that is slightly lower on the landscape than the surrounding area and that does not have a natural outlet for surface drainage. Typically 0 to 3 acres.
GRA	Gravelly spot	A spot where the surface layer has more than 35 percent, by volume, rock fragments that are mostly less than 3 inches in diameter in an area that has less than 15 percent rock fragments. Typically 0 to 3 acres.
ROC	Rock outcrop	An exposure of bedrock at the surface of the earth. Not used where the named soils of the surrounding map unit are shallow overbedrock or where Rock outcrop is a named component of the map unit. Typically 0 to 3 acres.