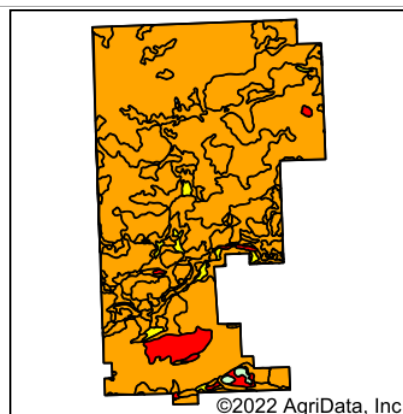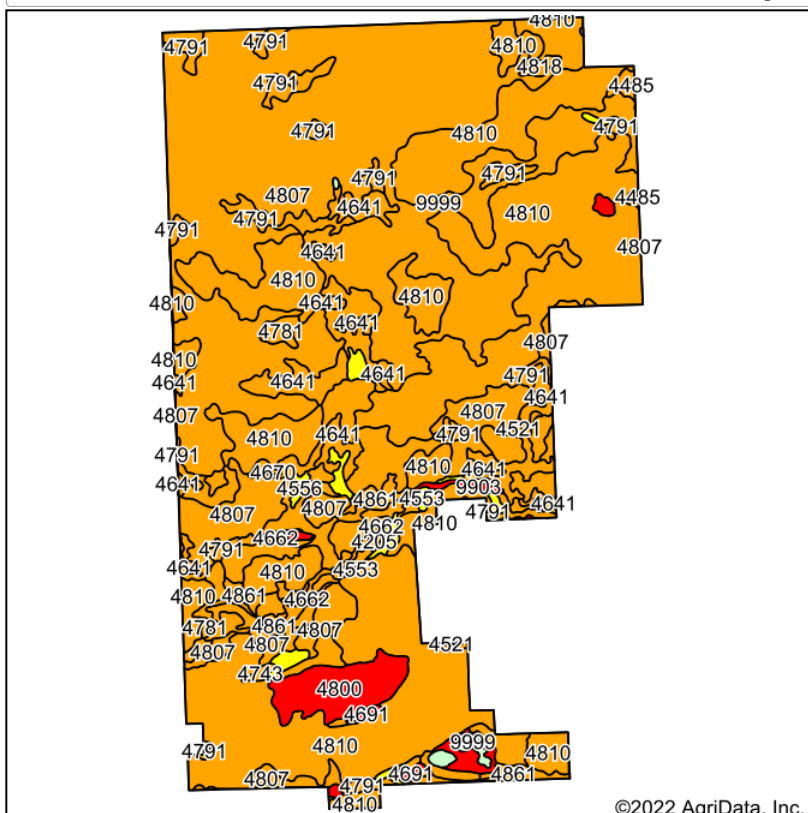# Soils Map

Soils data provided by USDA and NRCS.

State: **Nebraska**
County: **Cherry**
Location: **17-30N-40W**
Township: **Russell**
Acres: **20347.87**
Date: **7/19/2022**

AGRI AFFILIATES, INC.
Providing Farm - Ranch Real Estate Services

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Area Symbol: NE031, Soil Area Version: 27
Area Symbol: NE161, Soil Area Version: 20

Code	Soil Description	Acres	Percent of field	Non-Irr Class Legend	Non-Irr Class *c	Irr Class *c	Range Production (lbs/acre/yr)	Corn Irrigated Bu	Corn Bu	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Small Grains	*n NCCPI Soybeans
4807	Valentine fine sand, rolling, 9 to 24 percent slopes	9114.40	44.8%		VIe		2265			15	13	15	14
4810	Valentine fine sand, rolling and hilly, 9 to 60 percent slopes	7184.89	35.3%		VIe		2262			13	11	13	11
4791	Valentine fine sand, 3 to 9 percent slopes	962.71	4.7%		VIe	IVe	2374	85		20	19	20	19
4861	Valentine-Els complex, 0 to 9 percent slopes	684.35	3.4%		VIe	IVe	3016	80		20	19	19	19
4641	Ipage fine sand, 0 to 3 percent slopes	669.91	3.3%		VIe		2931			17	17	17	17
4800	Valentine fine sand, hilly, 24 to 60 percent slopes	437.54	2.2%		VIIe		2010			7	6	7	5
4662	Loup fine sandy loam, 0 to 1 percent slopes	242.52	1.2%		Vw		4506	4		18	13	18	17
4545	Els-Ipage fine sands, 0 to 3 percent slopes	133.50	0.7%		VIw	IVw	3998	51		19	18	18	19

Soils data provided by USDA and NRCS.

Code	Soil Description	Acres	Percent of field	Non-Irr Class Legend	Non-Irr Class *c	Irr Class *c	Range Production (lbs/acre/yr)	Corn Irrigated Bu	Corn Bu	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Small Grains	*n NCCPI Soybeans
4205	Almeria loamy fine sand, channeled, frequently flooded, 0 to 2 percent slopes	125.18	0.6%	🟧	VIw		4853			7	6	2	6
4553	Elsmere loamy fine sand, 0 to 3 percent slopes	117.57	0.6%	🟨	IVw	IVw	4290	77		24	21	23	23
9936	Medihemists	84.13	0.4%	🟥	VIIIw		5970			6	3	6	3
4563	Els-Tryon complex, 0 to 3 percent slopes	80.25	0.4%	🟨	IVw	IVw	4439	4		20	17	20	18
4781	Valentine fine sand, 0 to 3 percent slopes	71.11	0.3%	🟧	VIe	IVe	2532	85		20	19	20	19
9999	Water	70.01	0.3%	🟩			0						
4743	Tryon fine sandy loam, frequently ponded	61.39	0.3%	🟧	Vw		4560			6	6	3	5
4691	Marlake mucky peat	58.75	0.3%	🟥	VIIIw		576			2	2	1	1
4579	Gannett mucky peat	46.21	0.2%	🟧	Vw		5440			7	7	2	6
9903	Fluvaquents, sandy, frequently flooded	40.16	0.2%	🟥	VIIIw		735			16	14	13	16
4818	Valentine loamy fine sand, 3 to 9 percent slopes	36.17	0.2%	🟧	VIe	IVe	2369	85	1	21	19	20	21
4561	Elsmere-Loup complex, 0 to 3 percent slopes	23.40	0.1%	🟨	IVw	IVw	4115	45		21	17	21	20
4450	Valentine severely eroded-Valentine complex, 0 to 60 percent slopes	23.39	0.1%	🟥	VIIIe		828	3		24	24	20	17
4556	Elsmere loamy fine sand, calcareous, 0 to 3 percent slopes	19.76	0.1%	🟨	IVw	IVw	3813	6	3	17	12	16	17
4485	Dunday loamy fine sand, 0 to 3 percent slopes	16.59	0.1%	🟨	IVe		2440	12	2	24	22	23	24
4670	Loup mucky peat	15.69	0.1%	🟧	Vw		4558	1		5	5	3	4
4221	Bolent fine sandy loam, rarely flooded	14.42	0.1%	🟨	IVe	IVw	4630	109	29	24	18	20	24
4521	Els fine sand, 0 to 3 percent slopes	12.04	0.1%	🟧	VIw	IVw	3986	72		19	18	18	19
4807	Valentine fine sand, rolling, 9 to 24 percent slopes	0.76	0.0%	🟧	VIe		2265			15	13	15	14
4810	Valentine fine sand, rolling and hilly, 9 to 60 percent slopes	0.74	0.0%	🟧	VIe		2262			13	11	13	11

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Code	Soil Description	Acres	Percent of field	Non-Irr Class Legend	Non-Irr Class *c	Irr Class *c	Range Production (lbs/acre/yr)	Corn Irrigated Bu	Corn Bu	*n NCCPI Overall	*n NCCPI Corn	*n NCCPI Small Grains	*n NCCPI Soybeans
4641	Ipage fine sand, 0 to 3 percent slopes	0.18	0.0%	🟧	VIe		2931			17	17	17	17
4791	Valentine fine sand, 3 to 9 percent slopes	0.15	0.0%	🟧	VIe	IVe	2374	85		20	19	20	19
	Weighted Average				*-	*-	**2406.5**	**8.2**	*-	***n 14.6**	***n 12.7**	***n 14.4**	***n 13.2**

*n: The aggregation method is "Weighted Average using all components"
*c: Using Capabilities Class Dominant Condition Aggregation Method
*- Non Irr Class weighted average cannot be calculated on the current soils data due to missing data.
*- Irr Class weighted average cannot be calculated on the current soils data due to missing data.