

# NATIONAL COMMODITY CROP PRODUCTIVITY INDEX (NCCPI)

## Elk County, Kansas

Map Symbol	Soil Name	Crop Index*
3890	Ladysmith silty clay loam, 0 to 1 percent slopes	59
4020	Chase silty clay loam, occasionally flooded	60
4051	Ivan silt loam, channeled	43
4052	Ivan silt loam, occasionally flooded	61
4520	Benfield cherty silt loam, 4 to 10 percent slopes	43
4570	Clime silty clay, 3 to 7 percent slopes	32
4580	Clime stony silty clay loam, 15 to 30 percent slopes	7
4590	Clime-Sogn complex, 3 to 20 percent slopes	30
4600	Dwight silt loam, 0 to 1 percent slopes	34
4640	Fiat silty clay loam, 1 to 3 percent slopes	36
4645	Florence cherty silt loam, 5 to 15 percent slopes	46
4660	Florence-Martin complex, 2 to 12 percent slopes	43
4740	Labette silty clay loam, 1 to 3 percent slopes	40
4744	Labette-Dwight complex, 0 to 3 percent slopes	35
4746	Labette-Sogn silty clay loams, 0 to 8 percent slopes	30
4750	Sogn silty clay loam, 0 to 10 percent slopes	21
6930	Collinsville-Bates fine sandy loams, 2 to 8 percent slopes	35
6951	Niotaze-Darnell complex, 6 to 35 percent slopes	33
6960	Prue fine sandy loam, 2 to 6 percent slopes	64
6961	Prue loam, 2 to 5 percent slopes	61
6970	Steedman gravelly silt loam, 4 to 25 percent slopes, stony	42
6972	Steedman stony loam, 5 to 20 percent slopes	44
6980	Stephenville fine sandy loam, 1 to 3 percent slopes	47
6981	Stephenville-Darnell fine sandy loams, 1 to 6 percent slopes	36
7170	Reading silt loam, rarely flooded	77
7301	Martin silty clay loam, 1 to 3 percent slopes	49
7302	Martin silty clay loam, 3 to 7 percent slopes	48
7306	Martin silty clay, 3 to 7 percent slopes, eroded	38
8151	Lanton silty clay loam, occasionally flooded	67
8201	Osage silty clay loam, occasionally flooded	38
8203	Osage silty clay, occasionally flooded	38
8300	Verdigris silt loam, channeled	59
8302	Verdigris silt loam, occasionally flooded	77
8501	Mason silt loam, rarely flooded	82
8620	Bates fine sandy loam, 1 to 3 percent slopes	49
8621	Bates loam, 1 to 3 percent slopes	54
8623	Bates loam, 3 to 7 percent slopes	49

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Map Symbol	Soil Name	Crop Index*
8625	Bates-Collinsville complex, 1 to 3 percent slopes	41
8643	Catoosa silt loam, 0 to 1 percent slopes	47
8649	Catoosa-Sogn complex, 0 to 8 percent slopes	35
8679	Dennis silt loam, 1 to 3 percent slopes	54
8683	Dennis silt loam, 3 to 7 percent slopes	53
8691	Dennis silty clay loam, 3 to 7 percent slopes, eroded	40
8729	Eram silt loam, 1 to 3 percent slopes	43
8733	Eram silty clay loam, 1 to 3 percent slopes	47
8735	Eram silty clay loam, 3 to 7 percent slopes	44
8737	Eram silty clay loam, 3 to 7 percent slopes, eroded	34
8751	Eram-Dwight silt loams, 1 to 4 percent slopes	38
8763	Eram-Talihina silty clay loams, 5 to 20 percent slopes	44
8775	Kenoma silt loam, 1 to 3 percent slopes	51
8838	Newtonia silt loam, 1 to 3 percent slopes	54
8961	Woodson silt loam, 0 to 1 percent slopes	50

\*The Crop Index in this table was derived from the National Commodity Crop Productivity Index (NCCPI) model developed by the National Soil Survey Center. This model was developed for use with USDA programs, such as the Conservation Reserve Program. This model is not intended to replace other crop production models developed by individual states. The model arrays soils according to their inherent capacity to produce dryland (nonirrigated) commodity crops. The model criteria relate directly to the ability of soils, landscapes, and climates to foster crop productivity. All criteria used in the index affect crop culture and production and are referred to as factors affecting inherent productivity. The rating indices can be obtained through a computer program in the National Soil Information System (NASIS).