

# NATIONAL COMMODITY CROP PRODUCTIVITY INDEX (NCCPI)

## Woodson County, Kansas

Map Symbol	Soil Name	Crop Index*
4020	Chase silty clay loam, occasionally flooded	60
4051	Ivan silt loam, channeled	47
4570	Clime silty clay, 3 to 7 percent slopes	38
4590	Clime-Sogn complex, 3 to 20 percent slopes	32
4600	Dwight silt loam, 0 to 1 percent slopes	35
4740	Labette silty clay loam, 1 to 3 percent slopes	37
4744	Labette-Dwight complex, 0 to 3 percent slopes	38
6750	Cleora fine sandy loam, occasionally flooded	57
6940	Darnell-Niotaze complex, 25 to 45 percent slopes	3
6951	Niotaze-Darnell complex, 6 to 35 percent slopes	29
6952	Niotaze-Stephenville complex, 4 to 25 percent slopes	30
6970	Steedman gravelly silt loam, 4 to 25 percent slopes, stony	41
6972	Steedman stony loam, 5 to 20 percent slopes	38
6980	Stephenville fine sandy loam, 1 to 3 percent slopes	45
7170	Reading silt loam, rarely flooded	69
7301	Martin silty clay loam, 1 to 3 percent slopes	51
8101	Hepler silt loam, occasionally flooded	67
8150	Lanton silt loam, occasionally flooded	54
8160	Leanna silt loam, occasionally flooded	59
8201	Osage silty clay loam, occasionally flooded	42
8203	Osage silty clay, occasionally flooded	36
8300	Verdigris silt loam, channeled	44
8302	Verdigris silt loam, occasionally flooded	64
8501	Mason silt loam, rarely flooded	77
8621	Bates loam, 1 to 3 percent slopes	54
8623	Bates loam, 3 to 7 percent slopes	53
8626	Bates-Collinsville complex, 3 to 7 percent slopes	42
8628	Bates-Collinsville complex, 7 to 20 percent slopes	38
8669	Clareson-Sogn complex, 1 to 8 percent slopes	26
8673	Collinsville-Bates complex, 3 to 15 percent slopes	36
8677	Dennis and Eram soils, 3 to 7 percent slopes, eroded	38
8679	Dennis silt loam, 1 to 3 percent slopes	52
8683	Dennis silt loam, 3 to 7 percent slopes	52
8687	Dennis silty clay loam, 1 to 3 percent slopes, eroded	41
8691	Dennis silty clay loam, 3 to 7 percent slopes, eroded	42
8699	Dennis-Dwight silt loams, 1 to 5 percent slopes	47
8729	Eram silt loam, 1 to 3 percent slopes	44

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Map Symbol	Soil Name	Crop Index*
8731	Eram silt loam, 3 to 7 percent slopes	39
8733	Eram silty clay loam, 1 to 3 percent slopes	45
8735	Eram silty clay loam, 3 to 7 percent slopes	44
8743	Eram-Apperson silty clay loams, 3 to 7 percent slopes	46
8749	Eram-Collinsville complex, 5 to 15 percent slopes	35
8761	Eram-Shidler silty clay loams, 4 to 15 percent slopes	43
8773	Kenoma and Woodson soils, 1 to 3 percent slopes, eroded	42
8775	Kenoma silt loam, 1 to 3 percent slopes	46
8780	Kenoma-Olpe complex, 3 to 7 percent slopes	48
8851	Olpe soils, 3 to 15 percent slopes	45
8871	Ringo silty clay loam, 3 to 8 percent slopes	29
8877	Ringo-Sogn complex, 5 to 15 percent slopes	21
8911	Summit silty clay loam, 1 to 3 percent slopes	56
8912	Summit silty clay loam, 3 to 7 percent slopes	56
8961	Woodson silt loam, 0 to 1 percent slopes	47
8991	Zaar silty clay, 1 to 3 percent slopes	44
8992	Zaar silty clay, 3 to 7 percent slopes	44
9968	Aquents, frequently flooded	0
MT250B	Aliceville silty clay loam, 1 to 3 percent slopes	58
MT255	Aliceville-Dwight complex, 0 to 1 percent slopes	55
MT850B	Wagstaff silty clay loam, 1 to 3 percent slopes	44
MT857C	Wagstaff-Shidler complex, 1 to 8 percent slopes	33

\*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).