

NATIONAL COMMODITY CROP PRODUCTIVITY INDEX (NCCPI)

Butler County, Kansas

Map Symbol	Soil Name	Crop Index*
3491	Wells loam, 1 to 3 percent slopes	78
3561	Hobbs silt loam, occasionally flooded	72
3725	Detroit silty clay loam, rarely flooded	71
3842	Geary silt loam, 0 to 1 percent slopes	78
3843	Geary silt loam, 1 to 3 percent slopes	70
3844	Geary silt loam, 3 to 7 percent slopes	77
3857	Goessel silty clay, 0 to 1 percent slopes	45
3858	Goessel silty clay, 1 to 3 percent slopes	44
3890	Ladysmith silty clay loam, 0 to 1 percent slopes	59
3911	Rosehill silty clay, 1 to 3 percent slopes	37
4020	Chase silty clay loam, occasionally flooded	62
4051	Ivan silt loam, channeled	47
4052	Ivan silt loam, occasionally flooded	63
4535	Benfield-Labette cherty silty clay loams, 2 to 12 percent slopes	37
4580	Clime stony silty clay loam, 15 to 30 percent slopes	7
4590	Clime-Sogn complex, 3 to 20 percent slopes	32
4600	Dwight silt loam, 0 to 1 percent slopes	23
4620	Dwight soils, 1 to 3 percent slopes, eroded	14
4645	Florence cherty silt loam, 5 to 15 percent slopes	31
4655	Florence-Labette complex, 2 to 12 percent slopes	44
4660	Florence-Martin complex, 2 to 12 percent slopes	43
4670	Irwin silty clay loam, 0 to 1 percent slopes	46
4671	Irwin silty clay loam, 1 to 3 percent slopes	46
4673	Irwin silty clay loam, 3 to 7 percent slopes	45
4674	Irwin silty clay loam, 3 to 7 percent slopes, eroded	34
4740	Labette silty clay loam, 1 to 3 percent slopes	42
4741	Labette silty clay loam, 1 to 3 percent slopes, eroded	32
4742	Labette silty clay loam, 3 to 7 percent slopes	42
4744	Labette-Dwight complex, 0 to 3 percent slopes	34
4746	Labette-Sogn silty clay loams, 0 to 8 percent slopes	32
4747	Labette-Sogn silty clay loams, 8 to 15 percent slopes	40
4750	Sogn silty clay loam, 0 to 10 percent slopes	21
4751	Sogn soils, 0 to 8 percent slopes	19
4780	Tully cherty silty clay loam, 5 to 15 percent slopes	54
4781	Tully silty clay loam, 1 to 3 percent slopes	50
4783	Tully silty clay loam, 3 to 7 percent slopes	49
4784	Tully silty clay loam, 3 to 7 percent slopes, eroded	38

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5976	Vanoss silt loam, 0 to 1 percent slopes	79
5977	Vanoss silt loam, 1 to 3 percent slopes	79
5978	Vanoss silt loam, 3 to 7 percent slopes	83
6051	Elandco silt loam, frequently flooded	68
6220	Brewer silty clay loam, rarely flooded	60
6244	Elandco silt loam, rarely flooded	79
6400	Norge silt loam, 0 to 1 percent slopes	63
6401	Norge silt loam, 1 to 3 percent slopes	63
6402	Norge silt loam, 3 to 7 percent slopes	62
6403	Norge silty clay loam, 3 to 7 percent slopes, eroded	50
7170	Reading silt loam, rarely flooded	76
7301	Martin silty clay loam, 1 to 3 percent slopes	56
7302	Martin silty clay loam, 3 to 7 percent slopes	53
8203	Osage silty clay, occasionally flooded	37
8300	Verdigris silt loam, channeled	65
8302	Verdigris silt loam, occasionally flooded	77
8303	Verdigris soils, frequently flooded	80
8859	Olpe-Norge complex, 2 to 7 percent slopes	55
9970	Aquolls	0

*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).