NATIONAL COMMODITY CROP PRODUCTIVITY INDEX (NCCPI)

Cowley County, Kansas

Map Symbol	Soil Name	Crop Index*
2152	Lesho clay loam, occasionally flooded	50
3890	Ladysmith silty clay loam, 0 to 1 percent slopes	59
3908	Rosehill clay loam, 1 to 3 percent slopes	39
3909	Rosehill clay loam, 3 to 6 percent slopes	38
3911	Rosehill silty clay, 1 to 3 percent slopes	37
3912	Rosehill silty clay, 3 to 6 percent slopes	37
3921	Smolan silty clay loam, 1 to 3 percent slopes	61
3922	Smolan silty clay loam, 3 to 7 percent slopes	60
3923	Smolan silty clay loam, 3 to 7 percent slopes, eroded	50
4051	Ivan silt loam, channeled	43
4052	Ivan silt loam, occasionally flooded	64
4580	Clime stony silty clay loam, 15 to 30 percent slopes	3
4590	Clime-Sogn complex, 3 to 20 percent slopes	33
4600	Dwight silt loam, 0 to 1 percent slopes	33
4645	Florence cherty silt loam, 5 to 15 percent slopes	39
4660	Florence-Martin complex, 2 to 12 percent slopes	43
4671	Irwin silty clay loam, 1 to 3 percent slopes	50
4740	Labette silty clay loam, 1 to 3 percent slopes	42
4742	Labette silty clay loam, 3 to 7 percent slopes	42
4743	Labette silty clay loam, 3 to 7 percent slopes, eroded	32
4744	Labette-Dwight complex, 0 to 3 percent slopes	39
4747	Labette-Sogn silty clay loams, 8 to 15 percent slopes	35
4750	Sogn silty clay loam, 0 to 10 percent slopes	21
5864	Attica loamy fine sand, 3 to 6 percent slopes	49
5866	Attica-Tivoli loamy fine sands, 3 to 15 percent slopes	43
5929	Pratt loamy fine sand, 5 to 12 percent slopes	43
5967	Tabler silty clay loam, 0 to 1 percent slopes	54
5968	Tabler silty clay loam, 1 to 3 percent slopes	54
5972	Tivoli fine sand, 10 to 30 percent slopes	19
5976	Vanoss silt loam, 0 to 1 percent slopes	77
5977	Vanoss silt loam, 1 to 3 percent slopes	77
5978	Vanoss silt loam, 3 to 7 percent slopes	76
6063	Lincoln-Tivoli complex, 0 to 10 percent slopes	44
6220	Brewer silty clay loam, rarely flooded	59
6224	Canadian fine sandy loam, rarely flooded	62
6240	Dale silt loam, rarely flooded	69
6254	Waurika silt loam, 0 to 1 percent slopes	46

NATIONAL COMMODITY CROP PRODUCTIVITY INDEX (NCCPI)

Cowley County, Kansas

Map Symbol	Soil Name	Crop Index*
6320	Bethany silt loam, 0 to 1 percent slopes	60
6321	Bethany silt loam, 1 to 3 percent slopes	60
6366	Milan fine sandy loam, 1 to 6 percent slopes	52
6369	Milan loam, 1 to 3 percent slopes	71
6370	Milan loam, 3 to 6 percent slopes	70
6380	Minco silt loam, 3 to 7 percent slopes	65
6382	Minco silt loam, 7 to 15 percent slopes	63
6401	Norge silt loam, 1 to 3 percent slopes	61
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	77
7301	Martin silty clay loam, 1 to 3 percent slopes	54
7302	Martin silty clay loam, 3 to 7 percent slopes	52
7303	Martin silty clay loam, 3 to 7 percent slopes, eroded	38
7312	Martin-Florence complex, 2 to 12 percent slopes	50
8203	Osage silty clay, occasionally flooded	37
8302	Verdigris silt loam, occasionally flooded	70
8303	Verdigris soils, frequently flooded	80
8849	Olpe gravelly silt loam, 3 to 15 percent slopes	45
8859	Olpe-Norge complex, 2 to 7 percent slopes	55
9970	Aquolls	0
9998	Ustifluvents, channeled	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).