

NATIONAL COMMODITY CROP PRODUCTIVITY INDEX (NCCPI)

Riley County, Kansas

Map Symbol	Soil Name	Crop Index*
3391	Lancaster loam, 3 to 7 percent slopes	47
3545	Hobbs silt loam, channeled, frequently flooded	61
3561	Hobbs silt loam, occasionally flooded	80
3633	Sutphen silty clay, occasionally flooded	47
3775	Muir silt loam, rarely flooded	79
3825	Crete silt loam, 1 to 3 percent slopes	54
3827	Crete silty clay loam, 0 to 1 percent slopes	56
3828	Crete silty clay loam, 1 to 3 percent slopes	57
3830	Crete silty clay loam, 3 to 7 percent slopes	61
3831	Crete silty clay loam, 3 to 7 percent slopes, eroded	41
3843	Geary silt loam, 1 to 3 percent slopes	80
3844	Geary silt loam, 3 to 7 percent slopes	80
3884	Kenesaw silt loam, 2 to 5 percent slopes	71
3886	Kenesaw silt loam, 5 to 12 percent slopes	70
3919	Smolan silt loam, 1 to 3 percent slopes	74
3920	Smolan silt loam, 3 to 7 percent slopes	73
3923	Smolan silty clay loam, 3 to 7 percent slopes, eroded	57
4010	Carr-Sarpy complex, occasionally flooded	39
4018	Chase silty clay loam, very rarely flooded	58
4050	Ivan and Kennebec silt loams, occasionally flooded	77
4051	Ivan silt loam, channeled	45
4052	Ivan silt loam, occasionally flooded	69
4053	Ivan silty clay loam, channeled	49
4150	Kahola silt loam, channeled	54
4151	Kahola silt loam, occasionally flooded	74
4350	Chase silty clay loam, rarely flooded	54
4400	Kahola silt loam, rarely flooded	79
4525	Benfield silty clay loam, 3 to 7 percent slopes	47
4530	Benfield-Florence complex, 5 to 30 percent slopes	47
4550	Clime silty clay loam, 20 to 40 percent slopes, very stony	8
4555	Clime silty clay loam, 3 to 7 percent slopes	47
4590	Clime-Sogn complex, 3 to 20 percent slopes	40
4625	Dwight-Irwin complex, 1 to 3 percent slopes	46
4630	Dwight-Irwin complex, 1 to 3 percent slopes, eroded	36
4655	Florence-Labette complex, 2 to 12 percent slopes	54
4671	Irwin silty clay loam, 1 to 3 percent slopes	56
4673	Irwin silty clay loam, 3 to 7 percent slopes	52

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4674	Irwin silty clay loam, 3 to 7 percent slopes, eroded	44
4700	Ivan silty clay loam, 1 to 3 percent slopes	67
4725	Kipson-Sogn complex, 5 to 30 percent slopes	27
4781	Tully silty clay loam, 1 to 3 percent slopes	61
4782	Tully silty clay loam, 1 to 3 percent slopes, eroded	45
4783	Tully silty clay loam, 3 to 7 percent slopes	60
4784	Tully silty clay loam, 3 to 7 percent slopes, eroded	45
4832	Wamego silty clay loam, 3 to 7 percent slopes	63
7005	Bourbonais-Bismarckgrove complex, occasionally flooded	70
7006	Bismarckgrove silt loam, occasionally flooded	70
7028	Belvue silt loam, occasionally flooded	54
7031	Eudora silt loam, occasionally flooded	61
7036	Eudora-Bismarckgrove silt loams, occasionally flooded	68
7040	Zeandale silt loam, occasionally flooded	54
7050	Kennebec silt loam, occasionally flooded	72
7055	Kimo silty clay loam, occasionally flooded	66
7058	Stonehouse-Belvue complex, occasionally flooded	46
7070	Paxico silt loam, frequently flooded	52
7083	Sarpy loamy fine sand, occasionally flooded	19
7088	Stonehouse sand, occasionally flooded	31
7095	Kiro silty clay, depressional, occasionally flooded	33
7104	Belvue silt loam, rarely flooded	55
7105	Belvue silt loam, escarpment, 2 to 12 percent slopes	53
7106	Eudora-Bismarckgrove silt loams, rarely flooded	70
7107	Bismarckgrove-Kimo complex, rarely flooded	70
7109	Bourbonais-Bismarckgrove complex, rarely flooded	55
7119	Eudora-Urban land complex, rarely flooded	67
7123	Eudora silt loam, rarely flooded	66
7132	Stonehouse-Eudora complex, rarely flooded	53
7155	Kimo silty clay loam, rarely flooded	67
7170	Reading silt loam, rarely flooded	79
7171	Reading silt loam, moderately wet, rarely flooded	75
7173	Reading silty clay loam, rarely flooded	89
7174	Reading silt loam, 1 to 3 percent slopes	78
7176	Rossville silt loam, very rarely flooded	85
7209	Muscotah silty clay, very rarely flooded	54
7213	Reading silt loam, moderately wet, very rarely flooded	72

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7214	Eudora silt loam, very rarely flooded	68
7233	Elmont silt loam, 3 to 7 percent slopes	74
7245	Elmont-Clime complex, 5 to 15 percent slopes	60
7415	Mayberry clay loam, 3 to 7 percent slopes	53
7416	Mayberry clay loam, 3 to 7 percent slopes, eroded	47
7500	Pawnee clay loam, 1 to 3 percent slopes	57
7502	Pawnee clay loam, 3 to 6 percent slopes	45
7680	Wymore silty clay loam, 0 to 1 percent slopes	57
7681	Wymore silty clay loam, 1 to 3 percent slopes	41
7682	Wymore silty clay loam, 1 to 3 percent slopes, eroded	53
7683	Wymore silty clay loam, 3 to 6 percent slopes	61
7684	Wymore silty clay loam, 3 to 6 percent slopes, eroded	48
7690	Wymore-Kennebec complex, 0 to 17 percent slopes	66
7740	Haynie silt loam, frequently flooded	75
7742	Haynie very fine sandy loam, occasionally flooded	61

*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).