

NATIONAL COMMODITY CROP PRODUCTIVITY INDEX (NCCPI)

Ellis County, Kansas

Map Symbol	Soil Name	Crop Index*
1520	Badland-Manvel complex, 3 to 20 percent slopes	33
2100	Boel fine sandy loam, occasionally flooded	24
2107	Inavale fine sand, channeled, occasionally flooded	2
2112	Inavale loamy sand, channeled	2
2113	Inavale loamy sand, occasionally flooded	27
2201	Munjor sandy loam, frequently flooded	32
2202	Munjor sandy loam, occasionally flooded	32
2225	New Cambria silty clay, frequently flooded	28
2234	Roxbury silt loam, channeled	34
2235	Roxbury silt loam, frequently flooded	43
2236	Roxbury silt loam, occasionally flooded	48
2288	Wann loam, occasionally flooded	39
2345	McCook fine sandy loam, rarely flooded	40
2347	McCook silt loam, rarely flooded	41
2366	New Cambria silty clay, rarely flooded	33
2375	Roxbury silt loam, rarely flooded	51
2511	Anselmo fine sandy loam, 3 to 7 percent slopes	34
2518	Armo loam, 1 to 3 percent slopes	44
2519	Armo loam, 3 to 7 percent slopes	39
2520	Armo loam, 3 to 7 percent slopes, eroded	24
2521	Armo loam, 7 to 15 percent slopes	32
2524	Armo-Bogue complex, 7 to 20 percent slopes	31
2537	Bogue clay, 3 to 8 percent slopes	19
2540	Bogue-Armo complex, 5 to 25 percent slopes	30
2546	Brownell gravelly loam, 2 to 10 percent slopes	23
2562	Campus-Canlon complex, 3 to 30 percent slopes	24
2564	Campus-Carlson complex, 3 to 7 percent slopes	32
2566	Campus-Penden complex, 5 to 15 percent slopes	31
2568	Canlon soils, 5 to 40 percent slopes	19
2574	Carlson silt loam, 1 to 3 percent slopes	40
2590	Corinth silty clay loam, 1 to 3 percent slopes	25
2592	Corinth silty clay loam, 3 to 7 percent slopes	25
2594	Corinth silty clay loam, 7 to 15 percent slopes	24
2598	Dorrance gravelly sandy loam, 4 to 15 percent slopes	25
2601	Dorrance sandy loam, 4 to 20 percent slopes	21
2604	Eltree silt loam, 0 to 1 percent slopes	43
2605	Eltree silt loam, 1 to 3 percent slopes	43

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2606	Eltree silt loam, 3 to 7 percent slopes	52
2607	Eltree silt loam, 7 to 15 percent slopes	40
2612	Harney silt loam, 0 to 1 percent slopes	56
2613	Harney silt loam, 1 to 3 percent slopes	46
2614	Harney silt loam, 3 to 7 percent slopes	54
2617	Harney silty clay loam, 3 to 7 percent slopes, eroded	45
2618	Harney-Armo complex, 3 to 7 percent slopes, eroded	38
2619	Harney-Carlson silt loams, 0 to 1 percent slopes	42
2620	Harney-Carlson silt loams, 1 to 3 percent slopes	42
2622	Harney-Mento complex, 1 to 3 percent slopes	41
2623	Harney-Mento complex, 3 to 7 percent slopes	41
2631	Harney-Wakeen silt loams, 0 to 1 percent slopes	40
2632	Harney-Wakeen silt loams, 1 to 3 percent slopes	48
2658	Heizer-Armo complex, 8 to 25 percent slopes	22
2660	Heizer-Brownell complex, 5 to 30 percent slopes	16
2667	Holdrege silt loam, 0 to 1 percent slopes	48
2668	Holdrege silt loam, 1 to 3 percent slopes	48
2700	Mento silt loam, 0 to 1 percent slopes	33
2701	Mento silt loam, 1 to 3 percent slopes	40
2702	Mento silty clay loam, 1 to 3 percent slopes, eroded	21
2703	Mento soils, 3 to 7 percent slopes, eroded	20
2720	Nibson silt loam, 5 to 25 percent slopes	19
2726	Nibson-Wakeen silt loams, 3 to 20 percent slopes	23
2747	Penden clay loam, 3 to 7 percent slopes	35
2754	Penden loam, 7 to 15 percent slopes	35
2815	Uly silt loam, 1 to 3 percent slopes	43
2817	Uly silt loam, 3 to 6 percent slopes	43
2829	Uly-Roxbury silt loams, 0 to 30 percent slopes	43
2951	Wakeen silt loam, 1 to 3 percent slopes	36
2952	Wakeen silt loam, 1 to 3 percent slopes, eroded	21
2953	Wakeen silt loam, 3 to 7 percent slopes	29
2954	Wakeen silt loam, 5 to 15 percent slopes, eroded	20
2955	Wakeen silt loam, 7 to 20 percent slopes	29
2957	Wakeen-Harney silt loams, 1 to 3 percent slopes	37
3720	Detroit silt loam, rarely flooded	41
3755	Hord silt loam, rarely flooded	62
3765	Humbarger loam, channeled	20

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Map Symbol	Soil Name	Crop Index*
3824	Crete silt loam, 0 to 1 percent slopes	51
3827	Crete silty clay loam, 0 to 1 percent slopes	42
9979	Fluvaquents, occasionally flooded	0
9982	Fluvents, frequently flooded	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).