

NATIONAL COMMODITY CROP PRODUCTIVITY INDEX (NCCPI)

Hodgeman County, Kansas

Map Symbol	Soil Name	Crop Index*
1122	Bridgeport loam, channeled	16
1562	Bridgeport silty clay loam, 2 to 5 percent slopes	46
1643	Kim-Penden silty clay loams, 3 to 6 percent slopes, eroded	29
1712	Otero-Schamber complex, 5 to 20 percent slopes	24
1761	Richfield silt loam, 0 to 1 percent slopes	40
1762	Richfield silt loam, 1 to 3 percent slopes	36
1765	Richfield silty clay loam, 1 to 5 percent slopes, eroded	32
2232	Roxbury and Bridgeport soils, channeled	27
2234	Roxbury silt loam, channeled	28
2235	Roxbury silt loam, frequently flooded	45
2266	Tobin silt loam, occasionally flooded	43
2310	Bridgeport silt loam, rarely flooded	52
2365	New Cambria silty clay loam, rarely flooded	47
2375	Roxbury silt loam, rarely flooded	51
2562	Campus-Canlon complex, 3 to 30 percent slopes	21
2568	Canlon soils, 5 to 40 percent slopes	11
2586	Coly-Tobin silt loams, 0 to 15 percent slopes	42
2588	Coly-Uly silt loams, 3 to 6 percent slopes, eroded	33
2612	Harney silt loam, 0 to 1 percent slopes	44
2613	Harney silt loam, 1 to 3 percent slopes	46
2614	Harney silt loam, 3 to 7 percent slopes	45
2615	Harney silty clay loam, 1 to 3 percent slopes, eroded	37
2617	Harney silty clay loam, 3 to 7 percent slopes, eroded	37
2628	Harney-Uly complex, 1 to 3 percent slopes	45
2629	Harney-Uly complex, 3 to 6 percent slopes	44
2714	Ness clay	26
2722	Nibson-Rock outcrop complex, 10 to 40 percent slopes	0
2724	Nibson-Wakeen complex, 2 to 40 percent slopes	19
2742	Penden and Campus soils, 3 to 6 percent slopes, eroded	22
2747	Penden clay loam, 3 to 7 percent slopes	35
2748	Penden clay loam, 3 to 7 percent slopes, eroded	26
2750	Penden clay loam, 7 to 15 percent slopes	33
2755	Penden silty clay loam, 0 to 1 percent slopes	41
2756	Penden silty clay loam, 1 to 3 percent slopes	41
2757	Penden silty clay loam, 3 to 7 percent slopes	41
2759	Penden-Campus clay loams, 1 to 4 percent slopes	37
2761	Penden-Coly complex, 3 to 30 percent slopes	36

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Map Symbol	Soil Name	Crop Index*
2762	Penden-Humbarger complex, 0 to 12 percent slopes	39
2765	Penden-Roxbury complex, 0 to 15 percent slopes	36
2766	Penden-Tobin complex, 0 to 15 percent slopes	35
2800	Spearville complex, 1 to 3 percent slopes, eroded	36
2801	Spearville silty clay loam, 0 to 1 percent slopes	44
2815	Uly silt loam, 1 to 3 percent slopes	45
2817	Uly silt loam, 3 to 6 percent slopes	43
2818	Uly silt loam, 3 to 6 percent slopes, eroded	34
2822	Uly-Coly silt loams, 3 to 6 percent slopes, eroded	34
2951	Wakeen silt loam, 1 to 3 percent slopes	36
2953	Wakeen silt loam, 3 to 7 percent slopes	30
2959	Wakeen-Nibson complex, 7 to 20 percent slopes	24
3725	Detroit silty clay loam, rarely flooded	45
3760	Hord silty clay loam, rarely flooded	50
5923	Ost silt loam, 0 to 1 percent slopes	44
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).