NATIONAL COMMODITY CROP PRODUCTIVITY INDEX (NCCPI)

Ness County, Kansas

Map Symbol	Soil Name	Crop Index*
1122	Bridgeport loam, channeled	23
1637	Kim-Penden clay loams, 6 to 15 percent slopes	31
1643	Kim-Penden silty clay loams, 3 to 6 percent slopes, eroded	29
1762	Richfield silt loam, 1 to 3 percent slopes	36
1770	Richfield-Ulysses silt loams, 1 to 3 percent slopes	40
2235	Roxbury silt loam, frequently flooded	44
2236	Roxbury silt loam, occasionally flooded	45
2310	Bridgeport silt loam, rarely flooded	43
2375	Roxbury silt loam, rarely flooded	51
2562	Campus-Canlon complex, 3 to 30 percent slopes	22
2570	Canlon-Campus complex, 1 to 40 percent slopes	17
2580	Coly silt loam, 3 to 6 percent slopes	40
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	44
2614	Harney silt loam, 3 to 7 percent slopes	45
2615	Harney silty clay loam, 1 to 3 percent slopes, eroded	35
2627	Harney-Uly silt loams, 0 to 1 percent slopes	45
2628	Harney-Uly complex, 1 to 3 percent slopes	44
2630	Harney-Uly complex, 3 to 6 percent slopes, eroded	35
2660	Heizer-Brownell complex, 5 to 30 percent slopes	16
2662	Heizer-Wakeen complex, 3 to 40 percent slopes	16
2668	Holdrege silt loam, 1 to 3 percent slopes	48
2714	Ness clay	0
2724	Nibson-Wakeen complex, 2 to 40 percent slopes	21
2726	Nibson-Wakeen silt loams, 3 to 20 percent slopes	21
2745	Penden clay loam, 1 to 3 percent slopes	35
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
2754	Penden loam, 7 to 15 percent slopes	35
2758	Penden-Bridgeport complex, 0 to 15 percent slopes	37
2761	Penden-Coly complex, 3 to 30 percent slopes	36
2762	Penden-Humbarger complex, 0 to 12 percent slopes	39
2765	Penden-Roxbury complex, 0 to 15 percent slopes	36
2796	Rock land-Heizer complex, 3 to 40 percent slopes	10
2804	Timken clay, 3 to 20 percent slopes	9

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Ness County, Kansas

Map Symbol	Soil Name	Crop Index*
2815	Uly silt loam, 1 to 3 percent slopes	45
2817	Uly silt loam, 3 to 6 percent slopes	40
2821	Uly-Coly silt loams, 1 to 3 percent slopes, eroded	34
2823	Uly-Corinth complex, 1 to 3 percent slopes	42
2824	Uly-Corinth complex, 3 to 6 percent slopes	41
2829	Uly-Roxbury silt loams, 0 to 30 percent slopes	43
2951	Wakeen silt loam, 1 to 3 percent slopes	36
2953	Wakeen silt loam, 3 to 7 percent slopes	30
3725	Detroit silty clay loam, rarely flooded	45
3760	Hord silty clay loam, rarely flooded	47
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).