

NATIONAL COMMODITY CROP PRODUCTIVITY INDEX (NCCPI)

Harper County, Kansas

Map Symbol	Soil Name	Crop Index*
2153	Lesho clay loam, saline, occasionally flooded	32
5316	Clairemont soils, saline, channeled	0
5318	Kanza loamy fine sand, frequently flooded	35
5320	Kanza soils, frequently flooded	34
5322	Kaski loam, frequently flooded	56
5324	Kaski loam, occasionally flooded	52
5350	Buttermilk silt loam, rarely flooded	35
5419	Case-Clark clay loams, 3 to 7 percent slopes	42
5442	Quinlan loam, 0 to 1 percent slopes	15
5443	Quinlan loam, 1 to 3 percent slopes	15
5444	Quinlan loam, 3 to 6 percent slopes	15
5456	Wellsford-Elandco complex, 0 to 25 percent slopes	28
5492	Woodward-Port complex, 0 to 20 percent slopes	39
5494	Woodward-Quinlan loams, 0 to 1 percent slopes	23
5495	Woodward-Quinlan loams, 1 to 3 percent slopes	23
5496	Woodward-Quinlan loams, 3 to 6 percent slopes	22
5563	Kingman clay loam, occasionally flooded	41
5690	Zenda clay loam, occasionally flooded	51
5691	Zenda fine sandy loam, occasionally flooded	48
5740	Dillwyn-Plevna complex, occasionally flooded	35
5850	Albion and Shellabarger sandy loams, 6 to 15 percent slopes	39
5856	Albion sandy loam, 6 to 15 percent slopes	33
5861	Attica fine sandy loam, 1 to 3 percent slopes	46
5908	Nalim loam, 0 to 1 percent slopes	51
5929	Pratt loamy fine sand, 5 to 12 percent slopes	31
5931	Pratt loamy fine sand, siltstone substratum, 3 to 8 percent slopes	31
5935	Pratt-Carwile complex, 0 to 5 percent slopes	37
5941	Pratt-Tivoli loamy fine sands, 5 to 15 percent slopes	27
5946	Shellabarger and Albion soils, 7 to 15 percent slopes	40
5948	Shellabarger fine sandy loam, 0 to 1 percent slopes	46
5949	Shellabarger fine sandy loam, 1 to 3 percent slopes	46
5950	Shellabarger fine sandy loam, 3 to 6 percent slopes	45
5951	Shellabarger fine sandy loam, 3 to 6 percent slopes, eroded	36
5953	Shellabarger loamy fine sand, 0 to 3 percent slopes	46
5954	Shellabarger loamy sand, 0 to 3 percent slopes	45
5956	Shellabarger sandy loam, 1 to 3 percent slopes	49
5957	Shellabarger sandy loam, 3 to 6 percent slopes	46

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5958	Shellabarger sandy loam, 3 to 6 percent slopes, eroded	37
5964	Tabler clay loam, 0 to 1 percent slopes	52
5967	Tabler silty clay loam, 0 to 1 percent slopes	51
5972	Tivoli fine sand, 10 to 30 percent slopes	19
5982	Nalim loam, 1 to 3 percent slopes	50
5983	Nalim loam, 3 to 6 percent slopes	50
5984	Nalim clay loam, 3 to 6 percent slopes, eroded	40
6051	Elandco silt loam, frequently flooded	50
6053	Gerlane fine sandy loam, occasionally flooded	38
6054	Gerlane variant loamy fine sand, occasionally flooded	31
6056	Lincoln loamy fine sand, occasionally flooded	28
6057	Lincoln loamy sand, occasionally flooded	28
6060	Lincoln soils, frequently flooded	27
6224	Canadian fine sandy loam, rarely flooded	41
6230	Corbin silt loam, 0 to 1 percent slopes	53
6232	Corbin silt loam, 1 to 3 percent slopes	51
6234	Crisfield sandy loam, rarely flooded	35
6240	Dale silt loam, rarely flooded	58
6246	Elandco silty clay loam, rarely flooded	50
6320	Bethany silt loam, 0 to 1 percent slopes	45
6321	Bethany silt loam, 1 to 3 percent slopes	45
6330	Carwile fine sandy loam, 0 to 1 percent slopes	34
6335	Drummond loam, 0 to 1 percent slopes	7
6340	Grant silt loam, 0 to 1 percent slopes	42
6341	Grant silt loam, 1 to 3 percent slopes	42
6342	Grant silt loam, 3 to 6 percent slopes	42
6354	Kirkland silt loam, 0 to 1 percent slopes	37
6360	Kirkland-Renfrow clay loams, 1 to 3 percent slopes	36
6362	Kirkland-Renfrow soils, 1 to 3 percent slopes, eroded	26
6376	Minco silt loam, 0 to 1 percent slopes	55
6378	Minco silt loam, 1 to 3 percent slopes	55
6380	Minco silt loam, 3 to 7 percent slopes	54
6390	Nashville silt loam, 0 to 1 percent slopes	45
6391	Nashville silt loam, 1 to 3 percent slopes	45
6392	Nashville silt loam, 3 to 6 percent slopes	44
6393	Nashville silt loam, 3 to 6 percent slopes, eroded	35
6394	Nashville-Quinlan complex, 6 to 15 percent slopes	32

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Map Symbol	Soil Name	Crop Index*
6408	Pond Creek silt loam, 0 to 1 percent slopes	56
6409	Pond Creek silt loam, 1 to 3 percent slopes	56
6410	Pond Creek silt loam, 3 to 6 percent slopes	55
6411	Pond Creek silt loam, 3 to 6 percent slopes, eroded	46
6412	Pond Creek silty clay loam, 3 to 6 percent slopes, eroded	45
6421	Renfrow-Grainola complex, 1 to 3 percent slopes	34
6422	Renfrow-Vernon clay loams, 1 to 3 percent slopes	28
6432	Ruella loam, 0 to 1 percent slopes	50
6434	Ruella loam, 1 to 3 percent slopes	49
6436	Ruella loam, 3 to 6 percent slopes	49
6445	Vernon-Renfrow complex, 3 to 7 percent slopes, eroded	14
6491	Zellmont sandy loam, 1 to 3 percent slopes	42
6492	Zellmont sandy loam, 3 to 6 percent slopes	41
6493	Zellmont sandy loam, 3 to 6 percent slopes, eroded	32
9970	Aquolls	0
9982	Fluvents, frequently flooded	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).