

NATIONAL COMMODITY CROP PRODUCTIVITY INDEX (NCCPI)

Barber County, Kansas

Map Symbol	Soil Name	Crop Index*
5310	Clairemont loam, channeled	18
5312	Clairemont silt loam, occasionally flooded	31
5314	Clairemont soils, channeled	11
5316	Clairemont soils, saline, channeled	0
5320	Kanza soils, frequently flooded	34
5332	Mangum clay, occasionally flooded	40
5336	Yahola fine sandy loam, occasionally flooded	36
5340	Yahola sandy loam, occasionally flooded	38
5350	Buttermilk silt loam, rarely flooded	45
5360	Mangum-Drummond complex, rarely flooded	37
5419	Case-Clark clay loams, 3 to 7 percent slopes	50
5420	Case-Clark clay loams, 7 to 15 percent slopes	50
5422	Kingfisher silt loam, 1 to 3 percent slopes	38
5423	Kingfisher-Vernon complex, 1 to 3 percent slopes	34
5424	Kingfisher-Vernon complex, 3 to 6 percent slopes	32
5433	Knoco-Shale outcrop complex, 15 to 80 percent slopes	3
5436	Obaro silty clay loam, 5 to 12 percent slopes	30
5439	Obaro-Rock outcrop complex, 10 to 30 percent slopes	0
5443	Quinlan loam, 1 to 3 percent slopes	17
5444	Quinlan loam, 3 to 6 percent slopes	15
5451	Quinlan-Clairemont complex, 0 to 50 percent slopes	15
5457	Quinlan-Woodward loams, 6 to 15 percent slopes	21
5458	Quinlan-Woodward loams, 15 to 30 percent slopes	18
5492	Woodward-Port complex, 0 to 20 percent slopes	39
5495	Woodward-Quinlan loams, 1 to 3 percent slopes	26
5496	Woodward-Quinlan loams, 3 to 6 percent slopes	29
5561	Kanza-Plevna complex, frequently flooded	33
5670	Waldeck fine sandy loam, occasionally flooded	42
5671	Waldeck loam, occasionally flooded	42
5672	Waldeck sandy loam, occasionally flooded	39
5690	Zenda clay loam, occasionally flooded	48
5740	Dillwyn-Plevna complex, occasionally flooded	35
5850	Albion and Shellabarger sandy loams, 6 to 15 percent slopes	39
5853	Albion sandy loam, 1 to 3 percent slopes	34
5854	Albion sandy loam, 3 to 6 percent slopes	26
5855	Albion sandy loam, 3 to 6 percent slopes, eroded	24
5857	Albion-Kaski complex, 0 to 15 percent slopes	38

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5858	Albion-Shellabarger sandy loams, 1 to 3 percent slopes	38
5859	Albion-Shellabarger sandy loams, 3 to 15 percent slopes	35
5863	Attica loamy fine sand, 1 to 3 percent slopes	41
5872	Clark clay loam, 0 to 1 percent slopes	50
5873	Clark clay loam, 1 to 3 percent slopes	53
5875	Clark fine sandy loam, 1 to 3 percent slopes	43
5878	Clark-Ost clay loams, 0 to 1 percent slopes	43
5889	Farnum clay loam, 1 to 3 percent slopes, eroded	41
5892	Farnum loam, 0 to 1 percent slopes	48
5893	Farnum loam, 1 to 3 percent slopes	48
5908	Nalim loam, 0 to 1 percent slopes	49
5910	Naron fine sandy loam, 1 to 3 percent slopes	44
5918	Ost clay loam, 0 to 1 percent slopes	51
5919	Ost clay loam, 1 to 3 percent slopes	48
5928	Pratt loamy fine sand, 1 to 5 percent slopes	32
5929	Pratt loamy fine sand, 5 to 12 percent slopes	31
5935	Pratt-Carwile complex, 0 to 5 percent slopes	34
5941	Pratt-Tivoli loamy fine sands, 5 to 15 percent slopes	26
5943	Saltcreek and Naron fine sandy loams, 0 to 1 percent slopes	46
5944	Saltcreek and Naron fine sandy loams, 1 to 3 percent slopes	46
5948	Shellabarger fine sandy loam, 0 to 1 percent slopes	45
5949	Shellabarger fine sandy loam, 1 to 3 percent slopes	47
5956	Shellabarger sandy loam, 1 to 3 percent slopes	44
5957	Shellabarger sandy loam, 3 to 6 percent slopes	45
5958	Shellabarger sandy loam, 3 to 6 percent slopes, eroded	36
5972	Tivoli fine sand, 10 to 30 percent slopes	17
5981	Nalim and Shellabarger fine sandy loams, 0 to 1 percent slopes	49
5982	Nalim loam, 1 to 3 percent slopes	49
5984	Nalim clay loam, 3 to 6 percent slopes, eroded	40
6053	Gerlane fine sandy loam, occasionally flooded	38
6057	Lincoln loamy sand, occasionally flooded	28
6059	Lincoln sandy loam, occasionally flooded	27
6060	Lincoln soils, frequently flooded	52
6224	Canadian fine sandy loam, rarely flooded	44
6234	Crisfield sandy loam, rarely flooded	35
6240	Dale silt loam, rarely flooded	58
6322	Blanket silt loam, 0 to 1 percent slopes	49

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6323	Blanket silt loam, 1 to 3 percent slopes	49
6324	Blanket silty clay loam, 1 to 3 percent slopes, eroded	40
6330	Carwile fine sandy loam, 0 to 1 percent slopes	38
6340	Grant silt loam, 0 to 1 percent slopes	48
6341	Grant silt loam, 1 to 3 percent slopes	49
6342	Grant silt loam, 3 to 6 percent slopes	48
6376	Minco silt loam, 0 to 1 percent slopes	53
6378	Minco silt loam, 1 to 3 percent slopes	55
6380	Minco silt loam, 3 to 7 percent slopes	54
6408	Pond Creek silt loam, 0 to 1 percent slopes	53
6409	Pond Creek silt loam, 1 to 3 percent slopes	53
6440	Vernon clay loam, 3 to 5 percent slopes	24
6441	Vernon clay loam, 5 to 15 percent slopes	23
6444	Vernon-Knoco complex, 1 to 5 percent slopes	17
9970	Aquolls	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).