

SOIL RATING FOR PLANT GROWTH, modified 1998  
Cloud County, Kansas

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The "Soil Rating for Plant Growth, modified 1998" (SRPG) is a relative rating of the capacity of a soil to produce a specific plant under a defined management system. The index is determined from yield data on a few benchmark soils and is used to calculate yields, the net returns from crops, land assessment values, and taxes and to perform risk analysis when land management decisions are made. Specific information on plants and yields can be obtained from the local office of the Natural Resources Conservation Service or the Cooperative Extension Service.

Map symbol	Soil name	Crop Index
027CT	Crete Silty Clay Loam, 3 To 7 Percent Slopes-----	66
027EU	Eudora Loam, Occasionally Flooded-----	66
027HE	Haynie-Sarpy Complex, Occasionally Flooded-----	37
027HN	Hobbs Silt Loam, Channeled-----	55
089ND	Nibson Silt Loam, 5 To 25 Percent Slopes-----	10
123AB	Armo Loam, 3 To 7 Percent Slopes-----	62
123AC	Armo Loam, 7 To 15 Percent Slopes-----	50
123HB	Harney Silt Loam, 1 To 3 Percent Slopes-----	67
123HE	Harney-Mento Silty Clay Loams, 3 To 7 Percent Slopes, Eroded-----	61
123LA	Lancaster-Armo Loams, 3 To 7 Percent Slopes-----	55
123NA	New Cambria Silty Clay, Rarely Flooded-----	45
123NC	Nibson Soils, 3 To 30 Percent Slopes-----	7
123RB	Roxbury Silt Loam, Channeled-----	49
123RC	Roxbury Silt Loam, Occasionally Flooded-----	56
123WA	Wakeen Silt Loam, 3 To 7 Percent Slopes-----	16
143EE	Edalgo-Hedville Complex, 5 To 30 Percent Slopes-----	24
143GE	Geary Silt Loam, 1 To 3 Percent Slopes-----	77
143HE	Hedville-Rock Outcrop Complex, 5 To 30 Percent Slopes-----	9
143HP	Hobbs-Geary Silt Loams, 0 To 15 Percent Slopes-----	59
143LA	Lancaster Loam, 3 To 7 Percent Slopes-----	46
143RO	Roxbury Silt Loam, Channeled-----	49
157BK	Geary-Hobbs Silt Loams, 0 To 30 Percent Slopes-----	59
157CH	Crete Silty Clay Loam, 3 To 7 Percent Slopes-----	66
157ED	Eudora Loam, 0 To 2 Percent Slopes, Rarely Flooded-----	75
157KN	Kenesaw Silt Loam, 5 To 12 Percent Slopes, Eroded-----	65
157SD	Inavale Loamy Sand, 3 To 12 Percent Slopes-----	30
201CG	Cass Fine Sandy Loam, Occasionally Flooded-----	50
201CS	Crete Silty Clay Loam, 1 To 3 Percent Slopes-----	75
201SA	Sarpy Loamy Fine Sand, 0 To 5 Percent Slopes, Rarely Flooded-----	27
Aa	Hobbs Silt Loam, Frequently Flooded-----	56
Ah	Saltine Silty Clay Loam, Frequently Flooded-----	20
Ar	Armo Silt Loam, 2 To 7 Percent Slopes-----	49
Ba	Hastings-Hobbs Complex, 0 To 25 Percent Slopes-----	60
Br	Bridgeport Silt Loam, Occasionally Flooded-----	57
CLP	Clay Pits-----	0
Ca	Cozad-Cass Soils, Occasionally Flooded-----	53
Cb	Cass Fine Sandy Loam, Rarely Flooded-----	50
Cf	Munjoy And Inavale Soils, 1 To 4 Percent Slopes, Frequently Flooded-----	25
Cr	Crete Silt Loam, 0 To 1 Percent Slopes-----	63
Cs	Crete Silt Loam, 1 To 3 Percent Slopes-----	65
Ct	Crete Silt Loam, 3 To 6 Percent Slopes-----	62
Cu	Crete Silty Clay Loam, 2 To 6 Percent Slopes, Eroded-----	68
De	Detroit Silty Clay Loam, Rarely Flooded-----	70
Eu	Eudora Silt Loam, Rarely Flooded-----	71
GRP	Gravel Pits-----	0
Ge	Geary Silt Loam, 3 To 7 Percent Slopes-----	72
Gs	Geary Silty Clay Loam, 3 To 7 Percent Slopes, Severely Eroded-----	72
Hb	Hastings Silt Loam, 1 To 3 Percent Slopes-----	73
Hc	Hastings Silt Loam, 3 To 7 Percent Slopes-----	71
Hd	Hastings Silty Clay Loam, 2 To 6 Percent Slopes, Eroded-----	71
He	Hedville Stony Loam, 5 To 30 Percent Slopes-----	14
Ho	Hobbs Silt Loam, Occasionally Flooded-----	69
Hr	Hord Silt Loam, Rarely Flooded-----	75
Hu	Humbarger Loam, Occasionally Flooded-----	54
Kp	Kipson Soils, 5 To 30 Percent Slopes-----	19
Lh	Lancaster-Hedville Complex, 5 To 30 Percent Slopes-----	37
Lm	Longford Silt Loam, 1 To 3 Percent Slopes-----	75
Ln	Longford Silt Loam, 3 To 7 Percent Slopes-----	72
Lo	Longford Silty Clay Loam, 3 To 7 Percent Slopes, Eroded-----	70
M-W	Miscellaneous Water-----	0
Mc	Mccook Silt Loam, Rarely Flooded-----	56
Mr	Muir Silt Loam, Rarely Flooded-----	76
Nc	New Cambria Silty Clay Loam, Rarely Flooded-----	54
Nu	Nuckolls Silt Loam, 4 To 12 Percent Slopes-----	66
Nx	Nuckolls Silt Loam, 4 To 12 Percent Slopes, Eroded-----	64
QUA	Quarries-----	0
Rx	Roxbury Silt Loam, Rarely Flooded-----	55
SAP	Sand Pits-----	0
Sa	Inavale Loamy Sand, 0 To 3 Percent Slopes, Occasionally Flooded-----	30
Sd	Inavale Loamy Sand, 3 To 12 Percent Slopes-----	30
St	Sutphen Silty Clay, Rarely Flooded-----	55
To	Tobin Silt Loam, Occasionally Flooded-----	67
W	Water-----	0
Wa	Wakeen Silty Clay Loam, 3 To 6 Percent Slopes-----	23

