

SOIL RATING FOR PLANT GROWTH, modified 1998
Republic 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
029AA	Hobbs Silt Loam, Frequently Flooded-----	56
029AR	Armo Silt Loam, 2 To 7 Percent Slopes-----	49
029BA	Hastings-Hobbs Complex, 0 To 25 Percent Slopes-----	60
029CT	Crete Silt Loam, 3 To 6 Percent Slopes-----	62
029GE	Geary Silt Loam, 3 To 7 Percent Slopes-----	72
029GS	Geary Silty Clay Loam, 3 To 7 Percent Slopes, Severely Eroded-----	72
029LH	Lancaster-Hedville Complex, 5 To 30 Percent Slopes-----	37
029LN	Longford Silt Loam, 3 To 7 Percent Slopes-----	72
029SA	Inavale Loamy Sand, 0 To 3 Percent Slopes, Occasionally Flooded-----	30
029TO	Tobin Silt Loam, Occasionally Flooded-----	67
089AR	Armo Loam, 3 To 7 Percent Slopes-----	62
089BA	Bogue-Armo Complex, 3 To 15 Percent Slopes-----	33
089BB	Bogue-Rock Outcrop Complex, 10 To 30 Percent Slopes-----	12
089GN	Gibbon Silty Clay Loam, Occasionally Flooded-----	53
089HB	Harney Silt Loam, 1 To 3 Percent Slopes-----	67
089HC	Harney Silt Loam, 3 To 7 Percent Slopes-----	72
089HF	Harney Silty Clay Loam, 3 To 7 Percent Slopes, Eroded-----	70
089HS	Holdrege And Geary Silty Clay Loams, 6 To 11 Percent Slopes, Eroded-----	66
089HU	Hord Silt Loam, Rarely Flooded-----	77
089MC	Mccook Silt Loam, Rarely Flooded-----	62
089NC	New Cambria Silty Clay, Rarely Flooded-----	45
089ND	Nibson Silt Loam, 5 To 25 Percent Slopes-----	10
089NR	Nuckolls-Roxbury Silt Loams, 0 To 30 Percent Slopes-----	52
089RB	Roxbury Silt Loam, Channeled-----	49
089RC	Roxbury Silt Loam, Occasionally Flooded-----	63
201CS	Crete Silty Clay Loam, 1 To 3 Percent Slopes-----	75
201KP	Kipson Silty Clay Loam, 5 To 30 Percent Slopes-----	8
201LC	Lancaster Loam, 3 To 7 Percent Slopes-----	46
201TY	Tully Silty Clay Loam, 5 To 12 Percent Slopes-----	64
201WE	Wells Loam, 3 To 7 Percent Slopes-----	71
BOP	Borrow Pits-----	0
Bk	Geary-Hobbs Silt Loams, 0 To 30 Percent Slopes-----	59
Bu	Butler Silt Loam, 0 To 1 Percent Slopes-----	72
Ca	Cozad-Cass Soils, Occasionally Flooded-----	53
Ce	Crete Silt Loam, 0 To 1 Percent Slopes-----	67
Cf	Crete Silt Loam, 1 To 3 Percent Slopes-----	65
Ch	Crete Silty Clay Loam, 3 To 7 Percent Slopes-----	66
Cr	Crete Silty Clay Loam, 2 To 5 Percent Slopes, Eroded-----	71
Dt	Detroit Silty Clay Loam, Rarely Flooded-----	69
Ed	Eudora Loam, 0 To 2 Percent Slopes, Rarely Flooded-----	75
Eu	Eudora Loam, 2 To 8 Percent Slopes, Rarely Flooded-----	68
Gc	Geary Silt Loam, 3 To 7 Percent Slopes-----	76
Gr	Geary Silty Clay Loam, 3 To 7 Percent Slopes, Severely Eroded-----	73
Ha	Hastings Silt Loam, 0 To 1 Percent Slopes-----	76
Hb	Hastings Silt Loam, 1 To 3 Percent Slopes-----	77
Hc	Hastings Silt Loam, 3 To 7 Percent Slopes-----	76
Hd	Hastings Silty Clay Loam, 3 To 7 Percent Slopes, Eroded-----	74
He	Hastings Silty Clay Loam, 3 To 7 Percent Slopes, Severely Eroded-----	74
Hf	Hastings-Ortello Fine Sandy Loams, 1 To 4 Percent Slopes, Eroded-----	72
Ho	Hastings-Ortello Fine Sandy Loams, 4 To 8 Percent Slopes, Eroded-----	68
Hp	Hastings-Hobbs Complex, 0 To 8 Percent Slopes-----	71
HS	Hobbs Silt Loam, Occasionally Flooded-----	67
Ht	Humbarger Clay Loam, Occasionally Flooded-----	52
Hu	Humbarger Loam, Occasionally Flooded-----	53
Ke	Kenesaw Silt Loam, 5 To 12 Percent Slopes-----	71
Kn	Kenesaw Silt Loam, 5 To 12 Percent Slopes, Eroded-----	65
Kp	Kipson Soils, 11 To 30 Percent Slopes-----	14
LOO	Longford Silty Clay Loam, 3 To 7 Percent Slopes, Eroded-----	73
La	Wells Loam, 4 To 8 Percent Slopes-----	71
Lc	Wells Loam, 4 To 8 Percent Slopes, Eroded-----	69
Lh	Lancaster-Hedville Loams, 5 To 25 Percent Slopes-----	38
Mr	Muir Silt Loam, 0 To 1 Percent Slopes-----	77
Mu	Muir Silt Loam, 3 To 7 Percent Slopes, Eroded-----	77
Ro	Coly Silt Loam, 25 To 40 Percent Slopes-----	6
SAN	Sand And Gravel Pits-----	0
Sa	Inavale Loamy Sand, 0 To 3 Percent Slopes, Occasionally Flooded-----	30
Sd	Inavale Loamy Sand, 3 To 12 Percent Slopes-----	30
Tu	Tully Silty Clay Loam, 4 To 8 Percent Slopes-----	74
Ty	Tully Silty Clay Loam, 4 To 8 Percent Slopes, Eroded-----	72
W	Water-----	0
Wa	Saltine Silty Clay Loam, Frequently Flooded-----	21

