

SOIL RATING FOR PLANT GROWTH, modified 1998
Cowley 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
015CS	Clime-Sogn Complex, 3 To 15 Percent Slopes-----	24
015FC	Florence Cherty Silt Loam, 5 To 10 Percent Slopes-----	42
015LC	Labette Silty Clay Loam, 3 To 5 Percent Slopes-----	66
015LS	Ladysmith Silty Clay Loam, 0 To 2 Percent Slopes-----	69
015NS	Norge Silt Loam, 3 To 5 Percent Slopes-----	75
015NT	Norge Silty Clay Loam, 3 To 5 Percent Slopes, Eroded-----	80
015ON	Olpe-Norge Complex, 2 To 7 Percent Slopes-----	48
015VE	Verdigris Soils, Frequently Flooded-----	65
019MB	Martin Silty Clay Loam, 1 To 4 Percent Slopes-----	79
049FM	Florence-Martin Complex, 2 To 12 Percent Slopes-----	51
049IV	Ivan Silt Loam, Channeled-----	53
191MB	Milan Loam, 1 To 3 Percent Slopes-----	82
191MC	Milan Loam, 3 To 6 Percent Slopes-----	79
191PX	Pratt Loamy Fine Sand, 3 To 8 Percent Slopes-----	41
191RO	Rosehill Clay Loam, 1 To 3 Percent Slopes-----	44
191RS	Rosehill Clay Loam, 3 To 6 Percent Slopes-----	42
191TV	Tivoli Fine Sand, 8 To 20 Percent Slopes-----	16
191US	Ustifluvents, Channeled-----	31
AED	Arents, Earthen Dam-----	0
Aa	Attica Loamy Fine Sand, 3 To 6 Percent Slopes-----	55
Ab	Attica-Tivoli Loamy Fine Sands, 3 To 15 Percent Slopes-----	44
Ba	Bethany Silt Loam, 0 To 1 Percent Slopes-----	79
Bb	Bethany Silt Loam, 1 To 3 Percent Slopes-----	78
Bc	Brewer Silty Clay Loam, Rarely Flooded-----	72
Ca	Canadian Fine Sandy Loam, Rarely Flooded-----	57
Cb	Clime-Rock Outcrop Complex, 15 To 35 Percent Slopes-----	14
Cc	Clime-Sogn Complex, 2 To 15 Percent Slopes-----	29
Da	Dale Silt Loam, Rarely Flooded-----	67
Db	Dwight Silt Loam, 0 To 2 Percent Slopes-----	42
Fa	Florence Cherty Silt Loam, 5 To 15 Percent Slopes-----	41
INT	Aquolls-----	12
Ia	Irwin Silty Clay Loam, 1 To 3 Percent Slopes-----	66
Ib	Ivan Silt Loam, Occasionally Flooded-----	64
La	Labette Silty Clay Loam, 1 To 3 Percent Slopes-----	60
Lb	Labette Silty Clay Loam, 3 To 7 Percent Slopes-----	57
Lc	Labette Silty Clay Loam, 2 To 7 Percent Slopes, Eroded-----	55
Ld	Labette-Dwight Complex, 1 To 3 Percent Slopes-----	51
Le	Labette-Sogn Silty Clay Loams, 2 To 8 Percent Slopes-----	37
Lf	Lesho Clay Loam, Occasionally Flooded-----	13
Lg	Lincoln-Tivoli Complex, 0 To 10 Percent Slopes-----	30
M-W	Miscellaneous Water-----	0
MCC	Martin Silty Clay Loam, 4 To 7 Percent Slopes-----	71
Ma	Martin Silty Clay Loam, 1 To 3 Percent Slopes-----	75
Mb	Martin Silty Clay Loam, 3 To 7 Percent Slopes-----	71
Mc	Martin Silty Clay Loam, 2 To 7 Percent Slopes, Eroded-----	71
Md	Martin-Florence Complex, 2 To 12 Percent Slopes-----	49
Me	Milan Fine Sandy Loam, 1 To 5 Percent Slopes-----	78
Mf	Minco Silt Loam, 3 To 7 Percent Slopes-----	71
Mg	Minco Silt Loam, 7 To 15 Percent Slopes-----	59
Na	Norge Silt Loam, 1 To 3 Percent Slopes-----	82
Nb	Norge Silt Loam, 3 To 7 Percent Slopes-----	78
Nc	Norge Silty Clay Loam, 3 To 7 Percent Slopes, Eroded-----	78
Oa	Olpe Gravelly Silt Loam, 2 To 12 Percent Slopes-----	35
Ob	Osage Silty Clay, Occasionally Flooded-----	51
Ra	Reading Silt Loam, 0 To 2 Percent Slopes, Rarely Flooded-----	80
Rb	Rosehill Silty Clay, 1 To 3 Percent Slopes-----	47
Rc	Rosehill Silty Clay, 3 To 6 Percent Slopes-----	45
Sa	Smolan Silty Clay Loam, 1 To 3 Percent Slopes-----	77
Sb	Smolan Silty Clay Loam, 3 To 7 Percent Slopes-----	75
Sc	Smolan Silty Clay Loam, 3 To 7 Percent Slopes, Eroded-----	75
Sd	Sogn Silty Clay Loam, 0 To 10 Percent Slopes-----	9
Ta	Tabler Silty Clay Loam, 0 To 1 Percent Slopes-----	70
Tb	Tabler Silty Clay Loam, 1 To 3 Percent Slopes-----	68
Va	Vanoss Silt Loam, 0 To 1 Percent Slopes-----	81
Vb	Vanoss Silt Loam, 1 To 3 Percent Slopes-----	81
Vc	Vanoss Silt Loam, 3 To 7 Percent Slopes-----	77
Vd	Verdigris Silt Loam, Occasionally Flooded-----	80
W	Water-----	0
Wa	Waurika Silt Loam, 0 To 1 Percent Slopes-----	68

