

SOIL RATING FOR PLANT GROWTH, modified 1998
Neosho 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
001OB	Osage Silty Clay Loam, Occasionally Flooded-----	61
011RC	Ringo-Clareson Complex, 9 To 15 Percent Slopes-----	40
037CE	Cherokee Silt Loam, 0 To 1 Percent Slopes-----	74
099VC	Verdigris Silt Loam, Frequently Flooded-----	67
205BO	Bates-Collinsville Loams, 7 To 20 Percent Slopes-----	25
205KO	Kenoma-Olpe Complex, 2 To 7 Percent Slopes-----	59
205RS	Ringo-Shidler Silty Clay Loams, 3 To 15 Percent Slopes-----	22
205SC	Shidler-Catoosa Complex, 1 To 8 Percent Slopes-----	16
AED	Arents, Earthen Dam-----	0
Ba	Bates Loam, 1 To 3 Percent Slopes-----	60
Bc	Bates Loam, 3 To 7 Percent Slopes-----	33
Bd	Bates-Collinsville Loams, 1 To 4 Percent Slopes-----	29
Bh	Bates-Collinsville Complex, 4 To 20 Percent Slopes-----	28
Ca	Catoosa Silt Loam, 0 To 2 Percent Slopes-----	49
Da	Deepwater Silt Loam, 1 To 4 Percent Slopes-----	78
Db	Dennis Silt Loam, 1 To 3 Percent Slopes-----	73
Dc	Dennis Silt Loam, 3 To 6 Percent Slopes-----	69
Dn	Dennis-Lanton Silt Loams, 2 To 8 Percent Slopes-----	70
Eb	Eram Silty Clay Loam, 1 To 3 Percent Slopes-----	46
Ec	Eram Silty Clay Loam, 3 To 7 Percent Slopes-----	38
Et	Eram-Lebo Silty Clay Loams, 4 To 15 Percent Slopes-----	36
Ka	Kenoma Silt Loam, 1 To 3 Percent Slopes-----	76
La	Lanton Silt Loam, Occasionally Flooded-----	83
M-W	Miscellaneous Water-----	0
No	Nowata Silt Loam, 3 To 7 Percent Slopes-----	35
Od	Olpe-Dennis Complex, 3 To 7 Percent Slopes-----	44
Os	Osage Silty Clay, Occasionally Flooded-----	57
Pa	Parsons Silt Loam, 0 To 1 Percent Slopes-----	72
Pt	Pits, Quarries-----	0
Sc	Shidler-Catoosa Silt Loams, 1 To 8 Percent Slopes-----	27
Sd	Stephenville-Darnell Fine Sandy Loams, 3 To 20 Percent Slopes-----	25
Va	Verdigris Silt Loam, Occasionally Flooded-----	87
Vb	Verdigris Silt Loam, Channeled-----	69
W	Water-----	0
Wa	Woodson Silt Loam, 0 To 1 Percent Slopes-----	76
ZC	Zaar Silty Clay, 1 To 3 Percent Slopes-----	71
Zb	Zaar Silty Clay, 0 To 2 Percent Slopes-----	73

