

SOIL RATING FOR PLANT GROWTH, modified 1998
Cherokee 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
037ZA	Zaar Silty Clay, 1 To 3 Percent Slopes-----	71
Be	Bates Loam, 1 To 3 Percent Slopes-----	51
Bf	Bates Loam, 3 To 6 Percent Slopes-----	29
Bh	Bates-Collinsville Complex, 4 To 15 Percent Slopes-----	28
Bo	Bolivar-Hector Fine Sandy Loams, 4 To 15 Percent Slopes-----	27
Br	Brazilton Silty Clay Loam, 1 To 3 Percent Slopes-----	70
Cd	Catoosa Silt Loam, 0 To 2 Percent Slopes-----	47
Ce	Cherokee Silt Loam, 0 To 1 Percent Slopes-----	68
Ck	Clarksville Very Cherty Silt Loam, 10 To 30 Percent Slopes-----	18
Db	Dennis Silt Loam, 1 To 3 Percent Slopes-----	75
Du	Dumps, Mine-----	8
En	Eram Silty Clay Loam, 3 To 7 Percent Slopes-----	50
Es	Eram-Shidler Silty Clay Loams, 4 To 12 Percent Slopes-----	27
Ge	Gerald Silt Loam, 0 To 2 Percent Slopes-----	34
He	Hepler Silt Loam, Occasionally Flooded-----	67
Hf	Hepler Silt Loam, Frequently Flooded-----	54
Ka	Kanima Silty Clay Loam, 3 To 10 Percent Slopes-----	39
Kn	Kanima Silty Clay Loam, 15 To 50 Percent Slopes-----	5
Ln	Lanton Silt Loam, Occasionally Flooded-----	80
M-W	Miscellaneous Water-----	0
Ns	Nixa Cherty Silt Loam, 2 To 9 Percent Slopes-----	35
Os	Osage Silty Clay, Occasionally Flooded-----	57
Pr	Parsons Silt Loam, 0 To 2 Percent Slopes-----	76
Qu	Pits, Quarries-----	0
Se	Secesh Silt Loam, Rarely Flooded-----	48
Sf	Secesh Silt Loam, Channeled-----	37
To	Taloka Silt Loam, 0 To 1 Percent Slopes-----	80
Tt	Tonti Silt Loam, 2 To 5 Percent Slopes-----	37
Vb	Verdigris Silt Loam, Occasionally Flooded-----	85
W	Water-----	0
Wa	Waben Cherty Silt Loam, 2 To 5 Percent Slopes-----	48
Za	Zaar Silty Clay, 0 To 2 Percent Slopes-----	74

