

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

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
003DB	Dennis Silt Loam, 1 To 4 Percent Slopes-----	70
003EC	Eram Silty Clay Loam, 4 To 7 Percent Slopes-----	45
003LA	Lanton Silty Clay Loam, Occasionally Flooded-----	80
031EC	Eram Silt Loam, 3 To 7 Percent Slopes-----	47
1366	Clareson-Rock Outcrop Complex, 2 To 15 Percent Slopes-----	31
139CM	Clareson-Eram Complex, 3 To 15 Percent Slopes-----	27
2326	Kenoma Silt Loam, 1 To 4 Percent Slopes-----	72
2540	Leanna Silt Loam, 0 To 2 Percent Slopes, Occasionally Flooded-----	75
3494	Summit Silty Clay Loam, 1 To 4 Percent Slopes-----	71
3815	Verdigris Silt Loam, 0 To 2 Percent Slopes, Frequently Flooded-----	60
3816	Verdigris Silt Loam, 0 To 2 Percent Slopes, Occasionally Flooded-----	80
3951	Woodson Silt Loam, 1 To 3 Percent Slopes-----	73
602CB	Catoosa Silt Loam, 1 To 3 Percent Slopes-----	57
602CM	Clareson-Rock Outcrop Complex, 2 To 15 Percent Slopes-----	31
602LA	Lanton Silt Loam, Occasionally Flooded-----	44
602VC	Verdigris Silt Loam, 0 To 2 Percent Slopes, Frequently Flooded-----	60
AED	Arents, Earthen Dam-----	0
Bc	Bates Loam, 1 To 4 Percent Slopes-----	50
Bd	Bates-Collinsville Loams, 3 To 7 Percent Slopes-----	33
Bh	Bates-Collinsville Loams, 7 To 12 Percent Slopes-----	36
Bo	Bolivar-Hector Loams, 2 To 6 Percent Slopes-----	41
Bs	Bolivar-Hector Loams, 6 To 12 Percent Slopes-----	34
Cm	Clareson-Eram Silty Clay Loams, 3 To 15 Percent Slopes-----	39
Dc	Dennis Silt Loam, 2 To 5 Percent Slopes-----	70
Dn	Dennis-Bates Complex, 2 To 6 Percent Slopes-----	68
Do	Dennis-Bates Complex, 3 To 6 Percent Slopes, Eroded-----	64
Ea	Eram-Lebo Silty Clay Loams, 7 To 12 Percent Slopes-----	50
Ec	Eram-Lula Complex, 3 To 7 Percent Slopes-----	65
INT	Aquolls-----	12
Ke	Kenoma Silt Loam, 1 To 4 Percent Slopes-----	72
LU	Lula Silt Loam, 1 To 3 Percent Slopes-----	75
Le	Leanna Silt Loam, Occasionally Flooded-----	75
Ln	Lebo-Rock Outcrop Complex, 20 To 40 Percent Slopes-----	7
Lo	Lula Silt Loam, 0 To 2 Percent Slopes-----	75
M-W	Miscellaneous Water-----	0
Mb	Mason Silt Loam, 0 To 2 Percent Slopes, Rarely Flooded-----	85
Oe	Olpe-Kenoma Complex, 1 To 5 Percent Slopes-----	46
Os	Osage Silty Clay Loam, 0 To 2 Percent Slopes, Occasionally Flooded-----	62
Ov	Osage Silty Clay, Occasionally Flooded-----	54
Pt	Pits, Quarries-----	0
Sn	Summit Silty Clay Loam, 1 To 3 Percent Slopes-----	72
So	Summit Silty Clay Loam, 3 To 7 Percent Slopes-----	68
Vb	Verdigris Silt Loam, 0 To 2 Percent Slopes, Occasionally Flooded-----	80
Vc	Verdigris Silt Loam, Channeled-----	60
W	Water-----	0
Wb	Welda Silt Loam, 2 To 6 Percent Slopes-----	78
Wo	Woodson Silt Loam, 0 To 1 Percent Slopes-----	76
Wt	Woodson Silt Loam, 1 To 3 Percent Slopes-----	73