

SOIL RATING FOR PLANT GROWTH, modified 1998
Butler 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.

Map symbol	Soil name	Crop Index
017RA	Reading Silt Loam, 0 To 1 Percent Slopes, Rarely Flooded-----	80
017TU	Tully Cherty Silty Clay Loam, 5 To 15 Percent Slopes-----	56
035LE	Labette-Sogn Silty Clay Loams, 2 To 8 Percent Slopes-----	37
035MA	Martin Silty Clay Loam, 1 To 3 Percent Slopes-----	75
035MB	Martin Silty Clay Loam, 3 To 7 Percent Slopes-----	71
035SD	Sogn Silty Clay Loam, 0 To 10 Percent Slopes-----	9
049CK	Clime Stony Silty Clay Loam, 20 To 30 Percent Slopes-----	13
049FM	Florence-Martin Complex, 2 To 12 Percent Slopes-----	51
073LS	Labette-Sogn Silty Clay Loams, 0 To 8 Percent Slopes-----	26
073MB	Martin Silty Clay Loam, 4 To 7 Percent Slopes-----	71
079DE	Detroit Silty Clay Loam, Rarely Flooded-----	73
079GC	Geary Silt Loam, 0 To 1 Percent Slopes-----	82
079GD	Geary Silt Loam, 1 To 3 Percent Slopes-----	77
079GE	Geary Silt Loam, 3 To 6 Percent Slopes-----	78
079HO	Hobbs Silt Loam, Occasionally Flooded-----	69
115CH	Chase Silty Clay Loam, Occasionally Flooded-----	73
115CS	Clime-Sogn Silty Clay Loams, 3 To 20 Percent Slopes-----	26
115LG	Labette-Sogn Silty Clay Loams, 2 To 15 Percent Slopes-----	44
115VC	Verdigris Silt Loam, Channeled-----	61
115WB	Wells Loam, 1 To 3 Percent Slopes-----	78
173EA	Elandco Silt Loam, Rarely Flooded-----	63
173EC	Elandco Silt Loam, Frequently Flooded-----	46
173VC	Vanoss Silt Loam, 3 To 6 Percent Slopes-----	74
AED	Arents, Earthen Dam-----	0
BOP	Borrow Pits-----	0
Be	Benfield-Labette Cherty Silty Clay Loams, 2 To 12 Percent Slopes-----	48
Br	Brewer Silty Clay Loam, Rarely Flooded-----	73
Cs	Clime-Sogn Complex, 3 To 15 Percent Slopes-----	24
Dt	Dwight Silt Loam, 0 To 2 Percent Slopes-----	39
Dw	Dwight Soils, 1 To 2 Percent Slopes, Eroded-----	40
FLI	Florence-Labette Complex, 2 To 12 Percent Slopes-----	43
Fc	Florence Cherty Silt Loam, 5 To 10 Percent Slopes-----	42
GRP	Gravel Pits-----	0
Go	Goessel Silty Clay, 0 To 1 Percent Slopes-----	57
Gs	Goessel Silty Clay, 1 To 3 Percent Slopes-----	57
INT	Aquolls-----	12
IVC	Ivan Silt Loam, Channeled-----	51
IVF	Ivan Silt Loam, Occasionally Flooded-----	62
Ic	Irwin Silty Clay Loam, 0 To 1 Percent Slopes-----	69
Id	Irwin Silty Clay Loam, 1 To 3 Percent Slopes-----	66
Ie	Irwin Silty Clay Loam, 3 To 5 Percent Slopes-----	64
If	Irwin Silty Clay Loam, 2 To 5 Percent Slopes, Eroded-----	58
La	Labette Silty Clay Loam, 1 To 3 Percent Slopes-----	66
Lb	Labette Silty Clay Loam, 1 To 3 Percent Slopes, Eroded-----	64
Lc	Labette Silty Clay Loam, 3 To 5 Percent Slopes-----	66
Ld	Labette-Dwight Complex, 1 To 3 Percent Slopes-----	55
Le	Labette-Sogn Complex, 2 To 8 Percent Slopes-----	35
Ls	Ladysmith Silty Clay Loam, 0 To 2 Percent Slopes-----	68
M-W	Miscellaneous Water-----	0
No	Norge Silt Loam, 0 To 1 Percent Slopes-----	83
Nr	Norge Silt Loam, 1 To 3 Percent Slopes-----	81
Ns	Norge Silt Loam, 3 To 5 Percent Slopes-----	75
Nt	Norge Silty Clay Loam, 3 To 5 Percent Slopes, Eroded-----	80
Od	Oil-Waste Land-----	0
On	Olpe-Norge Complex, 2 To 7 Percent Slopes-----	48
Os	Osage Silty Clay, Occasionally Flooded-----	51
QUA	Quarries-----	0
Ro	Rosehill Silty Clay, 1 To 3 Percent Slopes-----	41
So	Sogn Soils, 0 To 8 Percent Slopes-----	7
Ts	Tully Silty Clay Loam, 1 To 4 Percent Slopes-----	71
Tt	Tully Silty Clay Loam, 3 To 6 Percent Slopes, Eroded-----	69
Tu	Tully Silty Clay Loam, 4 To 7 Percent Slopes-----	68
Va	Vanoss Silt Loam, 0 To 1 Percent Slopes-----	83
Vb	Vanoss Silt Loam, 1 To 3 Percent Slopes-----	81
Vd	Verdigris Silt Loam, Occasionally Flooded-----	81
Ve	Verdigris Soils, Frequently Flooded-----	65
W	Water-----	0

