

SOIL RATING FOR PLANT GROWTH, modified 1998
Lyon 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
017IN	Irwin Silty Clay Loam, 1 To 3 Percent Slopes, Eroded-----	63
017IR	Irwin Silty Clay Loam, 3 To 5 Percent Slopes-----	65
017IS	Irwin Silty Clay Loam, 3 To 5 Percent Slopes, Eroded-----	63
031CS	Clareson-Shidler Silty Clay Loams, 1 To 8 Percent Slopes-----	26
031DE	Dennis Silty Clay Loam, 2 To 5 Percent Slopes, Eroded-----	64
031ES	Eram-Shidler Silty Clay Loams, 4 To 15 Percent Slopes-----	23
031LU	Lula Silt Loam, 0 To 2 Percent Slopes-----	80
031SA	Summit Silty Clay Loam, 1 To 4 Percent Slopes-----	71
031SC	Summit Silty Clay Loam, 4 To 7 Percent Slopes-----	67
073DN	Dennis Silt Loam, 4 To 7 Percent Slopes-----	67
073DS	Dennis Silty Clay Loam, 2 To 6 Percent Slopes, Eroded-----	68
073EC	Eram Silty Clay Loam, 4 To 7 Percent Slopes-----	48
127IN	Irwin Soils, 1 To 3 Percent Slopes, Eroded-----	59
127SN	Smolan Silty Clay Loam, 2 To 6 Percent Slopes, Eroded-----	76
139EN	Eram Silty Clay Loam, 3 To 7 Percent Slopes-----	40
139LS	Lebo-Summit Silty Clay Loams, 7 To 12 Percent Slopes-----	48
139LU	Lula Silt Loam, 1 To 3 Percent Slopes-----	76
139SN	Summit Silty Clay Loam, 1 To 3 Percent Slopes-----	73
139SO	Summit Silty Clay Loam, 3 To 7 Percent Slopes-----	68
197CM	Clime Silty Clay Loam, 3 To 7 Percent Slopes-----	35
197EO	Elmont Silt Loam, 3 To 7 Percent Slopes-----	73
197ID	Irwin Silty Clay Loam, 3 To 7 Percent Slopes-----	52
197IX	Ivan Silty Clay Loam, Channeled-----	55
197LA	Labette Silty Clay Loam, 2 To 5 Percent Slopes-----	60
197WE	Wamego Silty Clay Loam, 3 To 7 Percent Slopes-----	40
197WF	Wamego Silty Clay Loam, 7 To 15 Percent Slopes-----	33
AED	Arents, Earthen Dam-----	0
Ba	Bates Loam, 3 To 6 Percent Slopes-----	68
Bb	Bates Loam, 3 To 6 Percent Slopes, Eroded-----	68
Bc	Bates-Collinsville Complex, 3 To 15 Percent Slopes-----	41
Ca	Chase Silty Clay Loam, Occasionally Flooded-----	77
Cb	Clime Silty Clay, 3 To 7 Percent Slopes-----	34
Cc	Clime Silty Clay, 3 To 7 Percent Slopes, Eroded-----	34
Cd	Clime-Sogn Complex, 5 To 20 Percent Slopes-----	23
DE	Dennis Silt Loam, 1 To 4 Percent Slopes-----	70
Ea	Elmont Silt Loam, 1 To 4 Percent Slopes-----	84
Eb	Elmont Silt Loam, 4 To 7 Percent Slopes-----	80
Ec	Elmont Silty Clay Loam, 3 To 7 Percent Slopes, Eroded-----	73
Ed	Eram Silt Loam, 3 To 6 Percent Slopes-----	50
Ee	Eram Silty Clay Loam, 3 To 6 Percent Slopes, Eroded-----	31
Ef	Eram And Bates Soils, 6 To 15 Percent Slopes-----	42
Fa	Florence-Labette Complex, 2 To 12 Percent Slopes-----	50
INT	Aquolls-----	12
IR	Irwin Silty Clay Loam, 1 To 3 Percent Slopes-----	62
Ia	Ivan Silt Loam, Occasionally Flooded-----	63
Ib	Ivan Silt Loam, Channeled-----	50
Ka	Kenoma Silt Loam, 1 To 3 Percent Slopes-----	79
Kb	Kenoma Silty Clay Loam, 1 To 3 Percent Slopes, Eroded-----	72
Kc	Kenoma Silt Loam, 3 To 6 Percent Slopes-----	71
Kd	Kenoma Silty Clay Loam, 3 To 6 Percent Slopes, Eroded-----	69
La	Labette Silty Clay Loam, 1 To 3 Percent Slopes-----	67
Lb	Labette Silty Clay Loam, 3 To 6 Percent Slopes-----	65
Lc	Labette Silty Clay Loam, 2 To 6 Percent Slopes, Eroded-----	66
Ld	Labette-Dwight Complex, 0 To 2 Percent Slopes-----	61
Le	Ladysmith Silty Clay Loam, 0 To 2 Percent Slopes-----	69
M-W	Miscellaneous Water-----	0
MS	Mason Silt Loam, Rarely Flooded-----	81
Ma	Martin Silty Clay Loam, 1 To 4 Percent Slopes-----	79
Mb	Martin Silty Clay Loam, 4 To 7 Percent Slopes-----	74
Mc	Martin Silty Clay, 3 To 7 Percent Slopes, Eroded-----	69
Oa	Olpe-Kenoma Complex, 3 To 15 Percent Slopes-----	40
Ob	Orthents, Clayey-----	67
Oc	Osage Silty Clay, Occasionally Flooded-----	49
QUA	Quarries-----	0
Ra	Reading Silt Loam, 0 To 2 Percent Slopes, Rarely Flooded-----	84
Ta	Tully Silty Clay Loam, 2 To 7 Percent Slopes-----	72
Tb	Tully Silty Clay Loam, 3 To 7 Percent Slopes, Eroded-----	72
Tc	Tully-Clime Complex, 7 To 15 Percent Slopes-----	58
VB	Verdigris Silt Loam, Occasionally Flooded-----	79
VC	Verdigris Silt Loam, Channeled-----	61
Va	Vinland Loam, 4 To 10 Percent Slopes-----	19
W	Water-----	0
WO	Woodson Silt Loam, 0 To 2 Percent Slopes-----	76
Za	Zaar Silty Clay, 2 To 5 Percent Slopes-----	65

