

SOIL RATING FOR PLANT GROWTH, modified 1998
Riley 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
027CS	Crete Silt Loam, 1 To 3 Percent Slopes-----	69
027CX	Crete Silty Clay Loam, 3 To 8 Percent Slopes, Eroded-----	65
027HN	Hobbs Silt Loam, Channeled-----	56
027KS	Kipson-Sogn Silty Clay Loams, 5 To 20 Percent Slopes-----	14
061BE	Benfield-Florence Complex, 5 To 30 Percent Slopes-----	36
061CF	Clime-Sogn Silty Clay Loams, 5 To 20 Percent Slopes-----	25
061CR	Crete Silty Clay Loam, 0 To 1 Percent Slopes-----	73
061CS	Crete Silty Clay Loam, 1 To 4 Percent Slopes-----	69
061EU	Eudora Silt Loam, Occasionally Flooded-----	70
061HE	Haynie Silt Loam, Frequently Flooded-----	45
061KA	Kahola Silt Loam, Channeled-----	59
061KB	Kahola Silt Loam, Occasionally Flooded-----	74
061RE	Reading Silty Clay Loam, 0 To 2 Percent Slopes-----	79
061TO	Tully Silty Clay Loam, 3 To 8 Percent Slopes-----	67
117PA	Pawnee Clay Loam, 1 To 4 Percent Slopes-----	60
117PB	Pawnee Clay Loam, 4 To 8 Percent Slopes-----	58
149HS	Haynie-Sarpy Complex, Occasionally Flooded-----	44
149PS	Paxico Silt Loam, Frequently Flooded-----	40
149SF	Sarpy Sand, Frequently Flooded-----	21
197CM	Clime Silty Clay Loam, 3 To 7 Percent Slopes-----	35
197FL	Florence-Labette Complex, 3 To 15 Percent Slopes-----	50
197IB	Irwin Silty Clay Loam, 1 To 3 Percent Slopes-----	67
197ID	Irwin Silty Clay Loam, 3 To 7 Percent Slopes-----	52
197IV	Ivan Silt Loam, Occasionally Flooded-----	63
197IX	Ivan Silty Clay Loam, Channeled-----	55
197PN	Pawnee Clay Loam, 3 To 7 Percent Slopes-----	69
197WE	Wamego Silty Clay Loam, 3 To 7 Percent Slopes-----	37
201CS	Crete Silty Clay Loam, 1 To 3 Percent Slopes-----	69
201CX	Crete Silty Clay Loam, 3 To 7 Percent Slopes, Eroded-----	72
201KS	Kipson-Sogn Complex, 5 To 30 Percent Slopes-----	13
201LC	Lancaster Loam, 3 To 7 Percent Slopes-----	47
AED	Arents, Earthen Dam-----	0
Ad	Ivan Silt Loam, Channeled-----	47
BE	Benfield Silty Clay Loam, 3 To 7 Percent Slopes-----	44
BOP	Borrow Pits-----	0
Bf	Benfield-Florence Complex, 5 To 20 Percent Slopes-----	38
Bk	Wymore-Kennebec Complex, 0 To 17 Percent Slopes-----	67
CT	Crete Silty Clay Loam, 3 To 7 Percent Slopes-----	66
Ca	Carr-Sarpy Complex, Occasionally Flooded-----	39
Ch	Chase Silty Clay Loam, Rarely Flooded-----	63
Cs	Clime-Sogn Complex, 5 To 20 Percent Slopes-----	21
Dr	Dwight-Irwin Complex, 1 To 4 Percent Slopes-----	55
Dw	Dwight-Irwin Complex, 1 To 4 Percent Slopes, Eroded-----	54
Em	Elmont Silt Loam, 3 To 8 Percent Slopes-----	70
En	Elmont-Clime Complex, 5 To 15 Percent Slopes-----	55
Eu	Eudora Silt Loam, Rarely Flooded-----	71
Ga	Geary Silt Loam, 1 To 4 Percent Slopes-----	78
Ge	Geary Silt Loam, 4 To 8 Percent Slopes-----	75
HO	Hobbs Silt Loam, Occasionally Flooded-----	71
Ha	Haynie Very Fine Sandy Loam, Occasionally Flooded-----	50
Ic	Irwin Silty Clay Loam, 4 To 8 Percent Slopes-----	61
Id	Irwin Silty Clay Loam, 4 To 8 Percent Slopes, Eroded-----	61
Ie	Ivan Silty Clay Loam, 1 To 3 Percent Slopes-----	61
Iv	Ivan And Kennebec Silt Loams, Occasionally Flooded-----	70
KN	Kennebec Silt Loam, Occasionally Flooded-----	80
Ka	Kahola Silt Loam, Rarely Flooded-----	62
Ke	Kenesaw Silt Loam, 2 To 6 Percent Slopes-----	75
Kf	Kenesaw Silt Loam, 6 To 10 Percent Slopes-----	71
M-W	Miscellaneous Water-----	0
Ma	Mayberry Clay Loam, 2 To 6 Percent Slopes-----	55
Mb	Mayberry Clay Loam, 2 To 6 Percent Slopes, Eroded-----	53
Mu	Muir Silt Loam, Rarely Flooded-----	75
QUA	Quarries-----	0
Rd	Reading Silt Loam, 0 To 1 Percent Slopes, Rarely Flooded-----	81
Re	Reading Silt Loam, 1 To 3 Percent Slopes, Rarely Flooded-----	81
Sa	Sarpy Loamy Fine Sand, 0 To 4 Percent Slopes, Occasionally Flooded-----	23
Sm	Smolan Silt Loam, 1 To 4 Percent Slopes-----	78
Sn	Smolan Silt Loam, 4 To 8 Percent Slopes-----	72
So	Smolan Silty Clay Loam, 4 To 8 Percent Slopes, Eroded-----	72
St	Clime Silty Clay Loam, 20 To 40 Percent Slopes, Stony-----	8
Su	Stuphen Silty Clay, Occasionally Flooded-----	48
Ts	Tully Silty Clay Loam, 1 To 4 Percent Slopes-----	71
Tt	Tully Silty Clay Loam, 1 To 4 Percent Slopes, Eroded-----	69
Tu	Tully Silty Clay Loam, 4 To 8 Percent Slopes-----	66
Tv	Tully Silty Clay Loam, 4 To 8 Percent Slopes, Eroded-----	61
W	Water-----	0
Wm	Wymore Silty Clay Loam, 0 To 1 Percent Slopes-----	78
Wn	Wymore Silty Clay Loam, 1 To 4 Percent Slopes-----	72
Wo	Wymore Silty Clay Loam, 1 To 4 Percent Slopes, Eroded-----	70
Wr	Wymore Silty Clay Loam, 4 To 8 Percent Slopes-----	69
Ws	Wymore Silty Clay Loam, 4 To 8 Percent Slopes, Eroded-----	67

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