

SOIL RATING FOR PLANT GROWTH, modified 1998
Shawnee 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
045OE	Oska Silty Clay Loam, 3 To 6 Percent Slopes-----	65
045SV	Sibleyville Complex, 7 To 15 Percent Slopes-----	38
045SX	Vinland-Rock Outcrop Complex, 20 To 40 Percent Slopes-----	3
045VM	Vinland-Martin Complex, 7 To 15 Percent Slopes-----	30
045WS	Woodson Silt Loam, 1 To 3 Percent Slopes-----	72
085KB	Kennebec Soils, 0 To 3 Percent Slopes, Occasionally Flooded-----	81
085MC	Martin-Vinland Silty Clay Loams, 5 To 10 Percent Slopes-----	44
085ZA	Zook Silty Clay Loam, 0 To 2 Percent Slopes, Occasionally Flooded-----	69
087EC	Eudora-Bismarckgrove Fine Sandy Loams, 0 To 3 Percent Slopes, Overwash, Occasionally Flooded-----	75
087HC	Haig Silty Clay Loam, 0 To 2 Percent Slopes-----	73
087KV	Konawa Complex, 4 To 10 Percent Slopes-----	58
087RS	Rossville Silt Loam, 0 To 2 Percent Slopes, Very Rarely Flooded-----	85
087SO	Shelby-Pawnee Complex, 8 To 12 Percent Slopes-----	66
087WC	Wabash Silty Clay Loam, 0 To 1 Percent Slopes, Very Rarely Flooded-----	73
139ED	Elmont Loam, 3 To 7 Percent Slopes-----	77
149KM	Kimo Silty Clay, Rarely Flooded-----	64
197IB	Irwin Silty Clay Loam, 1 To 3 Percent Slopes-----	66
197IV	Ivan Silt Loam, Occasionally Flooded-----	65
197IX	Ivan Silty Clay Loam, Channeled-----	55
197MR	Morrill Loam, 4 To 7 Percent Slopes-----	72
197MS	Morrill Loam, 5 To 12 Percent Slopes, Very Stony-----	14
197SA	Sarpy Loamy Sand, Frequently Flooded-----	21
197WF	Wamego Silty Clay Loam, 7 To 15 Percent Slopes-----	33
197WY	Wymore Silty Clay Loam, 2 To 6 Percent Slopes-----	73
2797	Morrill Gravelly Loam, 4 To 20 Percent Slopes, Stony-----	17
AED	Arents, Earthen Dam-----	0
An	Kennebec Silt Loam, Channeled-----	59
BOA	Borrow Areas-----	0
Bk	Martin-Kennebec Complex, 0 To 12 Percent Slopes-----	67
Br	Fluents, Channeled, Frequently Flooded-----	54
Dm	Dwight-Martin Silty Clay Loams, 1 To 3 Percent Slopes-----	63
Ds	Dwight Silty Clay Loam, 0 To 1 Percent Slopes-----	50
Dw	Dwight Silty Clay Loam, 1 To 3 Percent Slopes-----	50
El	Elmont Silt Loam, 3 To 7 Percent Slopes-----	77
Em	Elmont Silt Loam, 3 To 7 Percent Slopes, Eroded-----	72
En	Elmont Silt Loam, 7 To 12 Percent Slopes-----	73
Eo	Elmont Silt Loam, 7 To 12 Percent Slopes, Eroded-----	72
Ep	Elmont-Dwight Silty Clay Loams, 3 To 7 Percent Slopes, Eroded-----	67
Es	Eudora Fine Sandy Loam, 1 To 3 Percent Slopes-----	72
Et	Eudora Silt Loam, Rarely Flooded-----	80
Eu	Eudora Soils, 6 To 12 Percent Slopes, Eroded-----	69
Ev	Eudora-Kimo Complex, Rarely Flooded-----	73
Ew	Eudora-Kimo Complex, Overwash, Rarely Flooded-----	67
Gm	Gymer Silt Loam, 3 To 8 Percent Slopes-----	75
Gy	Gymer Silt Loam, 3 To 8 Percent Slopes, Eroded-----	70
INL	Aquolls-----	14
KF	Kennebec Silt Loam, 0 To 2 Percent Slopes, Channeled, Frequently Flooded-----	61
Kb	Kennebec Silt Loam, Occasionally Flooded-----	80
Kc	Chase Silt Loam, Occasionally Flooded-----	78
Km	Kimo Silty Clay Loam, Rarely Flooded-----	71
Ko	Kimo Soils, Depressional, Occasionally Flooded-----	32
Ks	Kipson-Sogn Complex, 3 To 25 Percent Slopes-----	15
Ku	Konawa Fine Sandy Loam, 4 To 8 Percent Slopes-----	55
Kw	Konawa Fine Sandy Loam, 8 To 12 Percent Slopes-----	58
LIQ	Limestone Quarries And Gravel Pits-----	0
La	Labette Silty Clay Loam, 1 To 3 Percent Slopes-----	66
Lb	Labette Silty Clay Loam, 3 To 6 Percent Slopes-----	60
Lc	Labette Silty Clay Loam, 3 To 6 Percent Slopes, Eroded-----	58
Ld	Ladysmith Silty Clay Loam, 0 To 1 Percent Slopes-----	74
Lm	Ladysmith Silty Clay Loam, 1 To 3 Percent Slopes-----	71
Ls	Ladysmith Silty Clay Loam, 1 To 3 Percent Slopes, Eroded-----	69
MOO	Morrill Loam, 3 To 7 Percent Slopes-----	72
MRR	Morrill Clay Loam, 3 To 7 Percent Slopes-----	72
Ma	Made Land-----	0
Mb	Martin Silty Clay Loam, 1 To 3 Percent Slopes-----	77
Mc	Martin Silty Clay Loam, 3 To 7 Percent Slopes-----	72
Me	Martin Silty Clay Loam, 3 To 7 Percent Slopes, Eroded-----	70
Mf	Martin Silty Clay Loam, 7 To 11 Percent Slopes-----	65
Mh	Martin Silty Clay Loam, 7 To 11 Percent Slopes, Eroded-----	66
Mk	Martin Soils, 3 To 7 Percent Slopes, Severely Eroded-----	65
Mm	Morrill Clay Loam, 3 To 8 Percent Slopes-----	72
Mn	Morrill Clay Loam, 3 To 8 Percent Slopes, Eroded-----	69
Mo	Morrill Clay Loam, 8 To 12 Percent Slopes-----	71
Mp	Morrill-Gravelly Land Complex, 4 To 12 Percent Slopes-----	20
Mr	Muir Silt Loam, Rarely Flooded-----	85
Pa	Pawnee Clay Loam, 0 To 3 Percent Slopes-----	65
Pc	Pawnee Clay Loam, 3 To 7 Percent Slopes-----	69
Pe	Pawnee Clay Loam, 3 To 7 Percent Slopes, Eroded-----	62
Pn	Pawnee Clay Loam, 7 To 11 Percent Slopes-----	59
RD	Reading Silt Loam, 0 To 2 Percent Slopes, Rarely Flooded-----	85

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Map symbol	Soil name	Crop Index
Re	Reading Silty Clay Loam, 0 To 2 Percent Slopes, Rarely Flooded-----	85
Rv	Riverwash-----	0
SAP	Sand Pit-----	0
Sa	Sarpy Sand, Frequently Flooded-----	17
Se	Sarpy-Eudora Complex, Overwash, Occasionally Flooded-----	43
Sg	Sharpsburg Silty Clay Loam, 1 To 3 Percent Slopes-----	79
Sh	Sharpsburg Silty Clay Loam, 3 To 6 Percent Slopes-----	74
Sk	Shelby Clay Loam, 1 To 3 Percent Slopes-----	79
Sm	Shelby Clay Loam, 3 To 8 Percent Slopes-----	75
Sn	Shelby Clay Loam, 3 To 8 Percent Slopes, Eroded-----	70
So	Shelby Clay Loam, 8 To 12 Percent Slopes-----	70
Sp	Morrill Fine Sandy Loam, 3 To 8 Percent Slopes-----	73
Sr	Morrill Fine Sandy Loam, 3 To 8 Percent Slopes, Eroded-----	67
Ss	Morrill Fine Sandy Loam, 8 To 12 Percent Slopes-----	67
St	Sibleyville Loam, 3 To 7 Percent Slopes-----	45
Su	Sibleyville Loam, 7 To 11 Percent Slopes-----	41
Sv	Sogn-Vinland Complex, 3 To 25 Percent Slopes-----	15
Sw	Vinland-Rock Outcrop Complex, 15 To 45 Percent Slopes-----	9
Vn	Vinland Silty Clay Loam, 4 To 10 Percent Slopes-----	11
W	Water-----	0
Wa	Wabash Silty Clay, Occasionally Flooded-----	51
Wb	Wabash Silty Clay Loam, Occasionally Flooded-----	64
We	Welda Silt Loam, 4 To 10 Percent Slopes-----	73