

SOIL RATING FOR PLANT GROWTH, modified 1998
Sedgwick 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
015LS	Ladysmith Silty Clay Loam, 0 To 2 Percent Slopes-----	69
079CR	Crete Silt Loam, 0 To 1 Percent Slopes-----	70
079CT	Crete Silt Loam, 1 To 3 Percent Slopes-----	69
079DE	Detroit Silty Clay Loam, Rarely Flooded-----	73
079DU	Drummond Complex, 0 To 1 Percent Slopes-----	31
079FA	Farnum Fine Sandy Loam, 0 To 1 Percent Slopes-----	73
079FE	Farnum Loam, 3 To 6 Percent Slopes-----	73
079GD	Geary Silt Loam, 1 To 3 Percent Slopes-----	81
079KA	Kaski Loam, Occasionally Flooded-----	75
079LA	Ladysmith Silty Clay Loam, 0 To 1 Percent Slopes-----	68
079LB	Ladysmith Silty Clay Loam, 1 To 2 Percent Slopes-----	67
079SM	Smolan Silty Clay Loam, 1 To 3 Percent Slopes-----	77
095AD	Albion Sandy Loam, 6 To 15 Percent Slopes-----	36
095LA	Lincoln Loamy Sand, Occasionally Flooded-----	23
095WA	Waldeck Fine Sandy Loam, Occasionally Flooded-----	45
1011	Albion-Shellabarger Sandy Loams, 1 To 3 Percent Slopes-----	60
1070	Avans Loam, 0 To 1 Percent Slopes-----	65
1071	Avans Loam, 1 To 3 Percent Slopes-----	60
1072	Avans Loam, 3 To 7 Percent Slopes-----	57
191BA	Bethany Silt Loam, 0 To 1 Percent Slopes-----	68
191BB	Bethany Silt Loam, 1 To 3 Percent Slopes-----	68
191DR	Dale And Reinach Silt Loams, Rarely Flooded-----	73
191EA	Elandco Silty Clay Loam, Rarely Flooded-----	63
191LO	Lesho Clay Loam, Occasionally Flooded-----	53
2204	Jamash-Piedmont Clay Loams, 0 To 1 Percent Slopes-----	28
2205	Jamash-Piedmont Clay Loams, 1 To 3 Percent Slopes-----	24
2207	Jamash Clay Loam, 0 To 8 Percent Slopes-----	15
2381	Kanza-Ninnescah Sandy Loams, 0 To 2 Percent Slopes, Commonly Flooded-----	35
2587	Imano Clay Loam, 0 To 1 Percent Slopes, Occasionally Flooded-----	45
2948	Nalim Loam, 0 To 1 Percent Slopes-----	77
3052	Ost-Clark Loams, 1 To 3 Percent Slopes-----	34
3170	Penalosa Silt Loam, 0 To 1 Percent Slopes-----	75
3171	Penalosa Silt Loam, 1 To 3 Percent Slopes-----	75
3535	Shellabarger-Nalim Complex, 1 To 3 Percent Slopes-----	71
3639	Taver Loam, 0 To 1 Percent Slopes-----	66
3966	Willowbrook Fine Sandy Loam, 0 To 1 Percent Slopes, Occasionally Flooded-----	44
4004	Yaggy Fine Sandy Loam, 0 To 1 Percent Slopes-----	33
AED	Arents, Earthen Dam-----	0
Aa	Albion-Shellabarger Sandy Loams, 1 To 4 Percent Slopes-----	51
Ab	Albion And Shellabarger Sandy Loams, 7 To 15 Percent Slopes-----	49
BRR	Brewer Silty Clay Loam, Rarely Flooded-----	73
Ba	Blanket Silt Loam, 0 To 1 Percent Slopes-----	70
Bb	Blanket Silt Loam, 1 To 3 Percent Slopes-----	69
Ca	Canadian Fine Sandy Loam, Rarely Flooded-----	56
Cb	Canadian-Waldeck Fine Sandy Loams, Rarely Flooded-----	50
Cc	Carwile Fine Sandy Loam, 0 To 1 Percent Slopes-----	22
Cd	Clark-Ost Clay Loams, 1 To 4 Percent Slopes-----	36
Ce	Clime Silty Clay, 3 To 6 Percent Slopes-----	28
Ea	Elandco Silt Loam, Rarely Flooded-----	63
Eb	Elandco Silt Loam, Occasionally Flooded-----	58
Ec	Elandco Silt Loam, Frequently Flooded-----	46
Fa	Farnum Loam, 0 To 1 Percent Slopes-----	76
Fb	Farnum Loam, 1 To 3 Percent Slopes-----	75
Fc	Farnum Loam, Sandy Substratum, 0 To 1 Percent Slopes-----	75
Ga	Goessel Silty Clay, 0 To 1 Percent Slopes-----	53
Gb	Goessel Silty Clay, 1 To 2 Percent Slopes-----	53
INT	Aquolls-----	12
Ia	Irwin Silty Clay Loam, 1 To 3 Percent Slopes-----	63
Ib	Irwin Silty Clay Loam, 3 To 6 Percent Slopes-----	61
Ic	Irwin Silty Clay Loam, 2 To 6 Percent Slopes, Eroded-----	59
KAA	Kaski Loam, Occasionally Flooded-----	75
La	Lesho Loam, Occasionally Flooded-----	49
Lb	Lincoln Soils, Frequently Flooded-----	18
M-W	Miscellaneous Water-----	0
Ma	Milan Loam, 1 To 3 Percent Slopes-----	78
Mb	Milan Loam, 3 To 6 Percent Slopes-----	75
Mc	Milan Clay Loam, 2 To 6 Percent Slopes, Eroded-----	76
Na	Naron Fine Sandy Loam, 0 To 2 Percent Slopes-----	72
Oc	Wellsford Clay Loam, 1 To 3 Percent Slopes-----	7
Od	Wellsford-Rock Outcrop Complex, 3 To 10 Percent Slopes-----	4
Pa	Pits-----	0
Pb	Plevna Fine Sandy Loam, Frequently Flooded-----	30
Pc	Pratt Loamy Fine Sand, 1 To 5 Percent Slopes-----	40
Pd	Pratt-Tivoli Complex, 5 To 30 Percent Slopes-----	30
Ra	Renfrow Silty Clay Loam, 1 To 3 Percent Slopes-----	65
Rb	Renfrow Silty Clay Loam, 3 To 6 Percent Slopes-----	63
Rc	Renfrow-Wellsford Clay Loams, 1 To 4 Percent Slopes-----	44
Rd	Rosehill Silty Clay, 1 To 3 Percent Slopes-----	33
Sa	Shellabarger Sandy Loam, 1 To 3 Percent Slopes-----	70
Sb	Shellabarger Sandy Loam, 3 To 6 Percent Slopes-----	67
Sc	Shellabarger Sandy Loam, 3 To 6 Percent Slopes, Eroded-----	67

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Map symbol	Soil name	Crop Index
Ta	Tabler Silty Clay Loam, 0 To 1 Percent Slopes-----	67
Tb	Tabler-Drummond Complex, 0 To 1 Percent Slopes-----	61
Ua	Urban Land-Canadian Complex, 0 To 3 Percent Slopes-----	17
Ub	Urban Land-Elandco Complex, 0 To 1 Percent Slopes-----	16
Uc	Urban Land-Farnum Complex, 0 To 3 Percent Slopes-----	23
Ud	Urban Land-Irwin Complex, 1 To 3 Percent Slopes-----	19
Ue	Urban Land-Tabler Complex, 0 To 1 Percent Slopes-----	20
Va	Vanoss Silt Loam, 0 To 1 Percent Slopes-----	78
Vb	Vanoss Silt Loam, 1 To 3 Percent Slopes-----	77
Vc	Vanoss Silt Loam, 3 To 6 Percent Slopes-----	74
Vd	Vanoss Silt Loam, 3 To 6 Percent Slopes, Eroded-----	74
Ve	Vernon Sandy Loam, 1 To 3 Percent Slopes-----	42
Vf	Vernon Sandy Loam, 3 To 6 Percent Slopes-----	40
W	Water-----	0
Wa	Waldeck Sandy Loam, Occasionally Flooded-----	37
Wb	Waurika Silt Loam, 0 To 1 Percent Slopes-----	66

