

SOIL RATING FOR PLANT GROWTH, modified 1998  
Kingman County, Kansas

PAGE 1 of 2

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
007AE	Albion And Shellabarger Soils, 4 To 15 Percent Slopes-----	47
007FA	Farnum Fine Sandy Loam, 0 To 1 Percent Slopes-----	68
077KA	Kanza Loamy Fine Sand, Frequently Flooded-----	27
077KR	Kirkland-Renfrow Clay Loams, 1 To 3 Percent Slopes-----	61
077NN	Nashville Silt Loam, 3 To 6 Percent Slopes, Eroded-----	53
077PC	Pond Creek Silt Loam, 0 To 1 Percent Slopes-----	76
077RC	Renfrow-Vernon Clay Loams, 1 To 3 Percent Slopes-----	48
077SB	Shellabarger Fine Sandy Loam, 0 To 1 Percent Slopes-----	70
077SE	Shellabarger Fine Sandy Loam, 1 To 3 Percent Slopes-----	69
077SF	Shellabarger Fine Sandy Loam, 3 To 6 Percent Slopes-----	66
077SG	Shellabarger Fine Sandy Loam, 3 To 6 Percent Slopes, Eroded-----	66
077SH	Stoneburg Fine Sandy Loam, 1 To 3 Percent Slopes-----	61
1004	Albion Sandy Loam, 0 To 1 Percent Slopes-----	60
1005	Albion Sandy Loam, 1 To 3 Percent Slopes-----	60
1006	Albion Sandy Loam, 3 To 7 Percent Slopes, Eroded-----	56
1011	Albion-Shellabarger Sandy Loams, 1 To 3 Percent Slopes-----	60
1017	Albion And Shellabarger Sandy Loams, 7 To 15 Percent Slopes-----	51
1061	Arents, Earthen Dam-----	0
1359	Clark-Ost Loams, 3 To 7 Percent Slopes-----	33
151AO	Albion Sandy Loam, 3 To 7 Percent Slopes, Eroded-----	41
151CN	Clark Fine Sandy Loam, 1 To 3 Percent Slopes-----	34
151CO	Clark-Ost Clay Loams, 0 To 1 Percent Slopes-----	35
151KP	Kanza-Plevna Complex, Frequently Flooded-----	27
151ND	Naron Fine Sandy Loam, 0 To 1 Percent Slopes-----	67
151NF	Naron Fine Sandy Loam, 1 To 3 Percent Slopes-----	67
151OC	Ost Clay Loam, 0 To 1 Percent Slopes-----	39
151OS	Ost Clay Loam, 1 To 4 Percent Slopes-----	38
151PN	Pratt Loamy Fine Sand, 5 To 10 Percent Slopes-----	34
151SE	Shellabarger Fine Sandy Loam, 1 To 4 Percent Slopes-----	64
151ZS	Zenda-Drummond Complex, Occasionally Flooded-----	39
1555	Dillhut-Plev Complex, 0 To 2 Percent Slopes-----	30
1728	Funmar And Farnum Loams, 3 To 6 Percent Slopes-----	74
173MA	Milan Loam, 1 To 3 Percent Slopes-----	78
173PB	Plevna Fine Sandy Loam, Frequently Flooded-----	30
173RA	Renfrow Silty Clay Loam, 1 To 3 Percent Slopes-----	65
173RC	Renfrow-Wellsford Clay Loams, 1 To 4 Percent Slopes-----	44
173TA	Tabler Silty Clay Loam, 0 To 1 Percent Slopes-----	67
191RA	Renfrow-Grainola Complex, 1 To 3 Percent Slopes-----	60
2205	Jamash-Piedmont Clay Loams, 1 To 3 Percent Slopes-----	24
2381	Kanza-Ninnescah Sandy Loams, 0 To 2 Percent Slopes, Commonly Flooded-----	35
2390	Kaskan Loam, 0 To 1 Percent, Rarely Flooded-----	73
2556	Langdon Fine Sand, 0 To 15 Percent Slopes-----	26
2812	Mahone Loamy Fine Sand, 0 To 2 Percent Slopes, Rarely Flooded-----	47
2948	Nalim Loam, 0 To 1 Percent Slopes-----	77
3051	Ost Loam, 0 To 1 Percent Slopes-----	36
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
3180	Pratt Fine Sand, 5 To 10 Percent Slopes-----	37
3181	Pratt-Turon Fine Sand, 1 To 5 Percent Slopes-----	43
3445	Shellabarger Sandy Loam, 3 To 7 Percent Slopes-----	66
3510	Saltcreek-Funmar-Farnum Complex, 1 To 3 Percent Slopes-----	66
3530	Shellabarger, Eroded And Albion Soils, 7 To 15 Percent Slopes-----	51
3531	Shellabarger And Nalim Soils, 3 To 7 Percent Slopes-----	70
3532	Shellabarger Loamy Sand, 0 To 3 Percent Slopes-----	63
3533	Shellabarger Sandy Loam, 0 To 1 Percent Slopes-----	70
3534	Shellabarger Sandy Loam, 1 To 3 Percent Slopes-----	66
3535	Shellabarger-Nalim Complex, 1 To 3 Percent Slopes-----	71
3926	Water-----	0
3966	Willowbrook Fine Sandy Loam, 0 To 1 Percent Slope, Occasionally Flooded-----	44
4005	Yaggy-Saxman Complex, 0 To 2 Percent Slopes, Occasionally Flooded-----	33
4110	Zellmont And Poxmash Sandy Loams, 0 To 3 Percent Slopes-----	45
990	Abbyville Loam, 0 To 1 Percent Slope-----	31
991	Abbyville-Kisiwa Complex, 0 To 2 Percent Slopes, Flooded-----	19
AED	Arents, Earthen Dam-----	0
Aa	Albion Sandy Loam, 0 To 1 Percent Slopes-----	43
Ab	Albion Sandy Loam, 1 To 3 Percent Slopes-----	42
Ac	Albion Sandy Loam, 3 To 6 Percent Slopes-----	41
Ad	Albion Sandy Loam, 6 To 15 Percent Slopes-----	36
Ba	Blanket Silt Loam, 0 To 1 Percent Slopes-----	70
Bb	Blanket Silt Loam, 1 To 3 Percent Slopes-----	69
Bc	Blanket Silty Clay Loam, 1 To 4 Percent Slopes, Eroded-----	65
Ca	Canadian Fine Sandy Loam, Rarely Flooded-----	56
Cb	Carwile Fine Sandy Loam, 0 To 1 Percent Slopes-----	22
Cc	Case-Clark Clay Loams, 2 To 6 Percent Slopes-----	42
Cd	Case-Clark Clay Loams, 6 To 15 Percent Slopes-----	38
Ce	Clark Clay Loam, 0 To 1 Percent Slopes-----	36
Cf	Clark Clay Loam, 1 To 4 Percent Slopes-----	35
Da	Dillwyn-Plevna Complex, Occasionally Flooded-----	31
Fa	Farnum Sandy Loam, 0 To 2 Percent Slopes-----	71
Fb	Farnum Loam, 0 To 1 Percent Slopes-----	76

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Map symbol	Soil name	Crop Index
Fc	Farnum Loam, 1 To 3 Percent Slopes-----	75
Fd	Farnum Loam, 3 To 6 Percent Slopes-----	72
Fe	Farnum Clay Loam, 2 To 6 Percent Slopes, Eroded-----	71
Ff	Farnum-Natrustolls Complex, 0 To 1 Percent Slopes-----	61
Ka	Kaski Loam, Occasionally Flooded-----	73
Kb	Kingman Silty Clay Loam, Occasionally Flooded-----	60
La	Lincoln Loamy Sand, Occasionally Flooded-----	23
Ma	Mclain Silt Loam, Rarely Flooded-----	68
Na	Nashville Silt Loam, 1 To 3 Percent Slopes-----	49
Nb	Nashville-Quinlan Complex, 5 To 15 Percent Slopes-----	29
Oa	Wellsford Clay Loam, 1 To 4 Percent Slopes-----	8
Pa	Pond Creek Silt Loam, 1 To 3 Percent Slopes-----	75
Pb	Pratt Loamy Fine Sand, 1 To 5 Percent Slopes-----	38
Pc	Pratt-Carwile Complex, 0 To 5 Percent Slopes-----	32
Pd	Pratt-Tivoli Loamy Fine Sands, 5 To 15 Percent Slopes-----	29
Qa	Quinlan Loam, 1 To 3 Percent Slopes-----	7
Qb	Quinlan Loam, 3 To 5 Percent Slopes-----	7
Ra	Renfrow Clay Loam, 1 To 3 Percent Slopes-----	64
Rb	Ruella Clay Loam, 1 To 4 Percent Slopes-----	7
Rc	Ruella-Rock Outcrop Complex, 3 To 40 Percent Slopes-----	12
Sa	Shellabarger Loamy Sand, 0 To 3 Percent Slopes-----	64
Sb	Shellabarger Sandy Loam, 1 To 3 Percent Slopes-----	71
Sc	Shellabarger Sandy Loam, 3 To 6 Percent Slopes-----	68
Sd	Shellabarger Sandy Loam, 3 To 6 Percent Slopes, Eroded-----	68
Ta	Tivoli Fine Sand, 15 To 30 Percent Slopes-----	13
W	Water-----	0
Wa	Waldeck Fine Sandy Loam, Occasionally Flooded-----	42
Za	Zenda Clay Loam, Occasionally Flooded-----	60

