

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
013PD	Padonia-Martin Silty Clay Loams, 5 To 9 Percent Slopes-----	57
013SG	Shelby Clay Loam, 6 To 12 Percent Slopes-----	72
013SM	Shelby Clay Loam, 12 To 18 Percent Slopes, Moderately Eroded-----	62
085WB	Wymore Silty Clay Loam, 1 To 3 Percent Slopes-----	79
085WC	Wymore Silty Clay Loam, 2 To 5 Percent Slopes, Eroded-----	77
087MO	Martin-Oska Silty Clay Loams, 3 To 6 Percent Slopes-----	65
087SC	Shelby-Pawnee Complex, 3 To 8 Percent Slopes-----	71
601GC	Gosport Complex, 10 To 30 Percent Slopes-----	27
601GT	Grundy Silty Clay Loam, 1 To 3 Percent Slopes-----	75
601KH	Knox Silt Loam, 7 To 12 Percent Slopes-----	76
601LA	Ladoga Silt Loam, 4 To 7 Percent Slopes-----	77
601SH	Shelby Loam, 4 To 8 Percent Slopes-----	79
601SM	Shelby Loam, 8 To 12 Percent Slopes-----	74
AED	Arents, Earthen Dam-----	0
Ab	Albaton Silty Clay, 0 To 2 Percent Slopes, Occasionally Flooded-----	36
Ae	Aksarben Silty Clay Loam, 5 To 11 Percent Slopes-----	72
Aq	Fluvaquents, Ponded-----	1
Ar	Armster Clay Loam, 6 To 12 Percent Slopes-----	58
As	Armster Clay Loam, 12 To 20 Percent Slopes-----	47
Ch	Chase Silty Clay Loam, 0 To 2 Percent Slopes, Occasionally Flooded-----	79
Go	Gosport Silty Clay Loam, 25 To 45 Percent Slopes-----	13
Gr	Grundy Silty Clay Loam, 0 To 2 Percent Slopes-----	78
Gu	Grundy Silty Clay Loam, 2 To 6 Percent Slopes-----	75
Gx	Grundy Silty Clay, 3 To 7 Percent Slopes, Eroded-----	62
Hn	Haynie Silt Loam, 0 To 2 Percent Slopes, Occasionally Flooded-----	52
Ho	Haynie-Onawa Complex, 0 To 2 Percent Slopes, Occasionally Flooded-----	46
Ju	Judson Silt Loam, 2 To 6 Percent Slopes-----	85
Ke	Kennebec Silt Loam, 0 To 2 Percent Slopes, Occasionally Flooded-----	83
Kf	Kennebec Silt Loam, Channeled, Frequently Flooded-----	64
Kg	Kennebec-Colo Silt Loams, 0 To 2 Percent Slopes, Occasionally Flooded-----	76
Kn	Knox Silt Loam, 4 To 10 Percent Slopes-----	76
Ky	Knox-Gosport Complex, 10 To 30 Percent Slopes-----	43
M-W	Miscellaneous Water-----	0
Mc	Martin Silty Clay Loam, 3 To 7 Percent Slopes-----	74
Mw	Muscotah Silt Loam, 0 To 2 Percent Slopes, Occasionally Flooded, Overwash-----	76
No	Nodaway Silt Loam, 0 To 2 Percent Slopes, Occasionally Flooded-----	79
Od	Onawa Loam, 0 To 2 Percent Slopes, Occasionally Flooded, Overwash-----	32
On	Onawa And Waldron Silty Clay Loams, 0 To 2 Percent Slopes, Occasionally Flooded-----	42
Ow	Onawet Silty Clay Loam, Depressional, 0 To 1 Percent Slopes, Frequently Flooded-----	39
Pa	Palermo-Knox Complex, 10 To 18 Percent Slopes-----	65
Pb	Palermo Silty Clay Loam, 18 To 30 Percent Slopes-----	40
Pc	Pawnee Clay Loam, 3 To 7 Percent Slopes-----	69
Pd	Pawnee Clay, 3 To 7 Percent Slopes, Eroded-----	56
Pt	Pits, Quarries-----	0
Re	Reading Silt Loam, 0 To 2 Percent Slopes, Rarely Flooded-----	86
Sb	Sharpsburg Silty Clay Loam, 1 To 4 Percent Slopes-----	77
Sc	Sharpsburg Silty Clay Loam, 4 To 8 Percent Slopes-----	74
Sh	Shelby Clay Loam, 5 To 10 Percent Slopes-----	73
Sm	Shelby Clay Loam, 7 To 15 Percent Slopes, Eroded-----	69
Ss	Shelby-Steinauer Loams, 12 To 25 Percent Slopes-----	45
Vr	Vinland-Rock Outcrop Complex, 20 To 40 Percent Slopes-----	3
Vs	Vinland Silty Clay Loam, 4 To 15 Percent Slopes-----	20
W	Water-----	0
Wa	Wabash Silty Clay Loam, 0 To 2 Percent Slopes, Occasionally Flooded-----	57
Wb	Wabash Silty Clay, 0 To 2 Percent Slopes, Occasionally Flooded-----	40
Wg	Wamego-Vinland Silty Clay Loams, 3 To 15 Percent Slopes-----	28
Wh	Wathena-Haynie Complex, 0 To 2 Percent Slopes, Occasionally Flooded-----	37
Wm	Wymore Silty Clay Loam, 2 To 5 Percent Slopes-----	71
Wn	Wymore Silty Clay Loam, 5 To 9 Percent Slopes-----	72

