

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

PAGE 1 of 1

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 |
|------------|--|------------|
| 001CB      | Catoosa-Rock Outcrop Complex, 1 To 8 Percent Slopes-----     | 30         |
| 001CC      | Collinsville-Bates Complex, 2 To 15 Percent Slopes-----      | 28         |
| 037MD      | Kanima Silty Clay Loam, 3 To 50 Percent Slopes-----          | 49         |
| 107CM      | Clareson-Rock Outcrop Complex, 2 To 15 Percent Slopes-----   | 33         |
| 107EF      | Eram-Lebo Silty Clay Loams, 5 To 20 Percent Slopes-----      | 43         |
| 107SN      | Summit Silty Clay Loam, 1 To 4 Percent Slopes-----           | 72         |
| 107SO      | Summit Silty Clay Loam, 4 To 8 Percent Slopes-----           | 69         |
| 107VC      | Verdigris Silt Loam, Frequently Flooded-----                 | 68         |
| 133EC      | Eram Silty Clay Loam, 3 To 7 Percent Slopes-----             | 38         |
| 133SC      | Shidler-Catoosa Silt Loams, 1 To 8 Percent Slopes-----       | 27         |
| AED        | Arents, Earthen Dam-----                                     | 0          |
| Ba         | Bates Loam, 1 To 4 Percent Slopes-----                       | 68         |
| Bc         | Bates Loam, 4 To 7 Percent Slopes-----                       | 47         |
| Bd         | Bates Loam, 4 To 7 Percent Slopes, Eroded-----               | 36         |
| Bh         | Bolivar-Hector Fine Sandy Loams, 5 To 15 Percent Slopes----- | 42         |
| Ca         | Catoosa Silt Loam, 0 To 2 Percent Slopes-----                | 43         |
| Cs         | Clareson Stony Silty Clay Loam, 1 To 4 Percent Slopes-----   | 16         |
| De         | Dennis Silt Loam, 1 To 3 Percent Slopes-----                 | 74         |
| Df         | Dennis Silt Loam, 3 To 6 Percent Slopes-----                 | 71         |
| Ec         | Eram-Collinsville Complex, 5 To 12 Percent Slopes-----       | 37         |
| Ke         | Kenoma Silt Loam, 1 To 3 Percent Slopes-----                 | 75         |
| La         | Lanton Silty Clay Loam, Occasionally Flooded-----            | 82         |
| Le         | Leanna Silt Loam, Occasionally Flooded-----                  | 74         |
| Ma         | Mason Silt Loam, Rarely Flooded-----                         | 88         |
| No         | Nowata Silt Loam, 3 To 5 Percent Slopes-----                 | 58         |
| Or         | Orthents, Hilly-----   | 12         |
| Os         | Osage Silty Clay, Occasionally Flooded-----                  | 56         |
| Pa         | Parsons Silt Loam, 0 To 2 Percent Slopes-----                | 71         |
| Pt         | Pits, Quarries-----  | 0          |
| Rc         | Ringo-Clareson Complex, 9 To 15 Percent Slopes-----          | 40         |
| Ta         | Tamaha Silt Loam, 1 To 5 Percent Slopes-----                 | 71         |
| Ve         | Verdigris Silt Loam, Occasionally Flooded-----               | 87         |
| Vf         | Verdigris Silt Loam, Channeled-----                          | 71         |
| W          | Water-----   | 0          |
| ZAA        | Zaar Silty Clay, 1 To 3 Percent Slopes-----                  | 71         |
| Za         | Zaar Silty Clay, 0 To 2 Percent Slopes-----                  | 69         |
| Zb         | Zaar Silty Clay, 2 To 6 Percent Slopes-----                  | 63         |

