**Table 2. Results of soil quality analyses for the 16 direct seed and conventional study locations in spring, 2014. Values are means across landscape positions and depths.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **GROWER** | **β-glucosidase** | **Dehydrogenase** | **pH** | **Electrical Conductivity** | **Cation Exchange Capacity** |
|  | g ρ-nitrophenol g-1 soil hr-1 | µgTPF g-1 soil hour-1 | 1:1  water:soil | µs cm-3 | meq 100 g-1 |
| **Bailey** | 11.5 | 0.9 | 5.5 | 144 | 17.5 |
| **Cochran** | 20.2 | 1.8 | 6.1 | 194 | 16.5 |
| **Esser** | 13.8 | 0.4 | 5.6 | 269 | 13.7 |
| **Druffel (tilled)** | 13.2 | 0.5 | 5.2 | 182 | 18.4 |
| **Hutchens** | 14.8 | 0.9 | 5.6 | 123 | 16.9 |
| **Sorensen (tilled)** | 9.7 | 1.4 | 7.4 | 182 | 14.5 |
| **Jensen** | 18.7 | 0.8 | 5.5 | 144 | 19.9 |
| **Koch** | 11.9 | 0.9 | 6.1 | 88 | 10.2 |
| **Juris** | 9.5 | 1.1 | 6.2 | 139 | 14.1 |
| **Jirava (tilled)** | 12.3 | 0.9 | 6.2 | 91 | 10.1 |
| **Odberg** | 16.2 | 1.1 | 5.7 | 142 | 18.7 |
| **Schultheis** | 17.3 | 0.8 | 5.4 | 186 | 19.8 |
| **Sheffels** | 11.9 | 2.0 | 6.8 | 159 | 12.7 |
| **Stubbs** | 16.2 | 0.7 | 5.7 | 220 | 13.9 |
| **Thorn** | 13.6 | 0.8 | 5.7 | 139 | 19.3 |
| **Zenner** | 19.3 | 1.2 | 5.4 | 513 | 24.2 |