**Table 4. Results of soil micronutrient analyses for the 16 direct seed and conventional study locations in spring, 2013. Values are means across landscape positions and depths.**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **GROWER** | **Al** | **Cd** | **Mo** | **Ni** | **Zn** | **Fe** | **Mn** | **Cu** | **B** | **Na** |
|  | mg kg-1 | | | | | | | | | meq 100 g-1 |
| **Bailey** | 3.3 | 0.04 | 0 | 0.7 | 1.33 | 68.1 | 44.6 | 1.20 | 0.14 | 0.10 |
| **Cochran** | 5.5 | 0.05 | 0 | 1.3 | 1.34 | 49.8 | 73.4 | 1.84 | 0.30 | 0.13 |
| **Esser** | 22.1 | 0.06 | 0.02 | 0.9 | 0.84 | 69.8 | 70.5 | 1.66 | 0.18 | 0.19 |
| **Druffel (tilled)** | 17.1 | 0.05 | 0.01 | 1.9 | 0.99 | 86.4 | 101.6 | 2.22 | 0.24 | 0.11 |
| **Hutchens** | 13.2 | 0.08 | 0 | 1.1 | 1.94 | 99.4 | 96.5 | 1.95 | 0.29 | 0.07 |
| **Sorensen (tilled)** | 3.9 | 0.02 | 0.01 | 0.4 | 0.17 | 25.1 | 21.2 | 1.33 | 0.31 | 0.13 |
| **Jensen** | 7.9 | 0.08 | 0 | 1.8 | 1.02 | 93.3 | 78.3 | 2.35 | 0.23 | 0 |
| **Koch** | 1.7 | 0.04 | 0.01 | 0.4 | 0.73 | 40.0 | 20.9 | 1.56 | 0.19 | 0 |
| **Juris** | 3.5 | 0.04 | 0 | 0.8 | 1.21 | 42.0 | 42.7 | 1.84 | 0.28 | 0 |
| **Jirava (tilled)** | 0.3 | 0.02 | 0.02 | 0.3 | 0.47 | 19.7 | 13.1 | 1.28 | 0.30 | 0.12 |
| **Odberg** | 19.2 | 0.05 | 0.01 | 1.4 | 1.05 | 73.9 | 87.2 | 2.23 | 0.19 | 0.11 |
| **Schultheis** | 49.1 | 1.26 | 0.06 | 0 | 2.24 | 94.8 | 118.8 | 1.80 | 0.38 | 0 |
| **Sheffels** | 7.8 | 0.06 | 0.02 | 0.4 | 0.99 | 19.2 | 25.3 | 1.17 | 0.30 | 0.17 |
| **Stubbs** | 4.6 | 0.05 | 0.03 | 0.7 | 0.44 | 31.1 | 36.6 | 2.00 | 0.25 | 0.09 |
| **Thorn** | 12.3 | 0.06 | 0.01 | 1.1 | 1.08 | 74.8 | 84.4 | 1.63 | 0.18 | 0.07 |
| **Zenner** | 2.0 | 0.08 | 0 | 1.5 | 1.29 | 57.3 | 130.2 | 2.25 | 0.44 | 0.10 |