**Table 3. Results of soil macronutrient analyses for the 16 direct seed and conventional/conservation tillage study locations in spring, 2014. Values are means across landscape positions and depths.**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **GROWER** | **NO3-N** | **NH4-N** | **Olsen P** | **K** | **S** | **Ca** | **Mg** |
|  | mg kg-1 | | | | | meq 100 g-1 | |
| **Bailey** | 20.0 | 9.9 | 31 | 530 | 26 | 10.1 | 2.93.6 |
| **Cochran** | 38.8 | 8.8 | 33 | 562 | 21 | 11.3 | 2.6 |
| **Esser** | 43.4 | 5.3 | 22 | 441 | 16 | 8.5 | 2.4 |
| **Druffel\*** | 27,0 | 4.8 | 33 | 366 | 32 | 9.0 | 3.0 |
| **Hutchens** | 20.5 | 7.8 | 46 | 618 | 20 | 8.7 | 2.1 |
| **Sorensen\*** | 30.0 | 4.5 | 15 | 508 | 5 | 14.0 | 2.3 |
| **Jensen** | 20.7 | 7.7 | 45 | 605 | 25 | 10.5 | 2.6 |
| **Koch** | 6.0 | 2.2 | 18 | 455 | 10 | 5.9 | 1.9 |
| **Juris** | 22.4 | 5.4 | 34 | 555 | 18 | 8.3 | 3.6 |
| **Jirava\*** | 6.3 | 3.1 | 18 | 326 | 13 | 11.5 | 2.0 |
| **Odberg** | 12.2 | 5.2 | 25 | 313 | 19 | 11.1 | 3.4 |
| **Schultheis** | 29.6 | 6.9 | 23 | 574 | 15 | 11.6 | 3.5 |
| **Sheffels** | 36.0 | 6.0 | 30 | 678 | 14 | 12.1 | 1.9 |
| **Stubbs** | 33.0 | 5.4 | 32 | 509 | 20 | 8.6 | 2.7 |
| **Thorn** | 31.1 | 5.6 | 42 | 566 | 31 | 11.1 | 3.2 |
| **Zenner** | 14.9 | 4.5 | 15 | 444 | 13 | 15.2 | 3.5 |

\* Conservation tillage