Table 1. Corn stover removal and all soil properties measured in 2014 at the Clay Center site in Nebraska.

|  |
| --- |
|  |

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Removal** | **N Rate** | **Macro-aggregates** | **Bulk Density** | **Water Content at Field Capacity** | **Water Content at Permanent Wilting Point** | **Available Water** | **Total N** | **Soil Organic C** |
| % | kg ha-1 | % | Mg m-3 | m3m-3 | m3m-3 | m3m-3 | g kg-1 | g kg-1 |
| **0-2 inch soil depth** | | | | | | | | |
| 0 | 125 | 85 | 1.24 |  |  |  | 2.0 | 21.7 |
| 0 | 200 | 72 | 1.25 | 0.38 | 0.14 | 0.24 | 1.9 | 20.1 |
| 63 | 125 | 67 | 1.28 |  |  |  | 1.7 | 18.1 |
| 63 | 200 | 75 | 1.34 | 0.29 | 0.14 | 0.15 | 1.8 | 18.2 |
| **2-4 inch soil depth** | | | | | | | | |
| 0 | 125 | 76 | 1.47 |  |  |  | 1.6 | 17.0 |
| 0 | 200 | 67 | 1.46 | 0.37 | 0.19 | 0.18 | 1.5 | 16.3 |
| 63 | 125 | 74 | 1.49 |  |  |  | 1.4 | 15.4 |
| 63 | 200 | 69 | 1.41 | 0.34 | 0.19 | 0.15 | 1.6 | 16.0 |