|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Sample ID**  | **pH Value** | **NO3-N** | **Olsen-P** | **X-K** | **%C** | **%N** | **C:N** |  |  |
| Ash | 10.187 | 2.76 | 819.6 | 30185 | 21.03 | 0.12 | 175.25 |  |  |
| Daley Ash | 5.998 | 18.76 | <1.0 | 366 | 0.51 | 0.05 | 10.20 |  |  |
| Daley Control | 5.621 | 2.42 | 1.8 | 50 | 0.82 | 0.08 | 10.25 |  |  |
| Foster Ash | 6.751 | 1.11 | 2.6 | 126 | 0.49 | 0.05 | 9.80 |  |  |
| Foster Control | 6.381 | 0.22 | 2.2 | 94 | 0.56 | 0.06 | 9.33 |  |  |
| Lambert Ash | 6.516 | 37.96 | 3.0 | 801 | 0.77 | 0.09 | 8.56 |  |  |
| Lambert Control | 6.389 | 2.16 | <1.0 | 56 | 0.40 | 0.04 | 10.00 |  |  |
| Roney Ash | 6.764 | 13.36 | 4.1 | 785 | 0.61 | 0.07 | 8.71 |  |  |
| Roney Control | 6.648 | 2.01 | 2.7 | 84 | 0.51 | 0.05 | 10.20 |  |  |
| Thompson Ash  | 7.261 | 2.18 | 3.8 | 1317 | 0.39 | 0.03 | 13.00 |  |  |
| Thompson Control | 6.517 | 1.16 | 1.2 | 50 | 0.47 | 0.04 | 11.75 |  |  |
|  |  |  |  |  |  |  |  |  |  |
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| Ash tends to:  |
|  |
| increase pH slightly |
| significantly increase NO3, but in most cases decreases total N |
| slight to significant increase in P (in most cases, not true of Daley) |
| Large increase in K |
| Mixed effects on soil Carbon concentration- decreases it in 3 cases, increases in 2 |

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