|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Treatment | | | | | |
| C source | Mineral N | Plant N (g kg–1) | |  |  |
|  |  | 2014 | 2015 | 2016 | Mean |
| No carbon | N0 | 5.01cd | 5.33bc | 6.07b | 5.47b |
|  | N50 | 5.05cd | 5.06c | 6.31ab | 5.47b |
|  | N100 | 5.40bc | 5.28bc | 6.79a | 5.82ab |
|  |  |  |  |  |  |
| Biochar | N0 | 5.04cd | 5.06c | 6.09b | 5.40b |
|  | N50 | 5.34bcd | 5.37bc | 6.59ab | 5.77ab |
|  | N100 | 5.53b | 5.96a | 6.95a | 6.15a |
|  |  |  |  |  |  |
| Straw | N0 | 4.98d | 5.29bc | 6.00b | 5.42b |
|  | N50 | 5.34bcd | 5.55ab | 6.51ab | 5.80ab |
|  | N100 | 6.38a | 5.64ab | 6.86a | 6.29a |

Values with different letters within a column are significantly different at *P*<0.05. n=3