**Table S1** Chemical properties of soils and organic materials in this study

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Materirals | pH | Organic C (g kg-1) | Total N (g kg-1) | Total P (g kg-1) | Total K (g kg-1) |
| Soils | 8.74 | 0.54 | 0.13 | 0.15 | 15.44 |
| Cow manure | 8.58 | 201.25 | 13.5 | 3.70 | – |
| Corn straw | 6.67 | 450.50 | 6.51 | 1.44 | – |
| Poplar banches | 5.65 | 535.00 | 3.65 | 0.45 | – |

– not destermined.