Table S1. Total soil mineral nitrogen (Nmin; NH4+ + NO3− in the 0–90 cm soil layer) and selected soil chemical properties (in the 0–30 cm soil layer) before maize planting in 2007, 2008 and 2009. The soil was sampled by the auger method in each year

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Year | Soil Nmin (kg/ha) | pH | O.M.(g/kg) | Total N (g/kg) | Olsen-P (mg/kg) | NH4OAc-K (mg/kg) |
| 2007 | 62 | 8.00 | 8.40 | 0.74 | 10.16 | 78.00 |
| 2008 | 62 | 8.00 | 11.50 | 0.83 | 7.63 | 76.30 |
| 2009 | 60 | 7.86 | 7.27 | 0.71 | 7.14 | 97.59 |