**Supplementary Table S1.** Carbon and nutrient application rates in kg ha-1 of the different goat manure types used in a litterbag experiment during two cropping periods, sweet corn and radish, in an irrigated experimental field near Sohar (Oman). Co = Control, QTf = manure from goats fed with quebracho tannin extract, QTc = manure coated with quebracho tannin extract.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | C | N | P | K | Na |
|  | kg ha-1 | | | | |
| Sweet corn | | | | | |
| Co | 3854 | 200 | 57.6 | 19.7 | 11.3 |
| QTfed | 4158 | 200 | 45.9 | 17.5 | 26.2 |
| QTcoat | 3757 | 200 | 45.8 | 19.7 | 20.7 |
| Radish |  |  |  |  |  |
| Co | 2551 | 135 | 31.0 | 10.8 | 7.4 |
| QTfed | 2781 | 135 | 27.6 | 10.2 | 18.6 |
| QTcoat | 2771 | 135 | 30.8 | 9.7 | 18.6 |

**Supplementary Table S2.** Statistical results of the repeated measure ANOVA of the relative C, N, P, K and Na release with time as within-subject variable and treatment as between-subjects factor.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| F- values | C | | N | | | P | | | K | | | Na | |
| **Sweet corn** |  |  |  |  |  | |  |  | |  |  | |  |
| Time (T) | 228.5 | \*\*\* | 142.1 | \*\*\* | 83.6 | | \*\*\* | 54.4 | | \*\*\* | 36.0 | | \*\*\* |
| Treatment (Tr) | 8.2 | \*\* | 19.5 | \*\*\* | 76.9 | | \*\*\* | 2.0 | |  | 0.5 | |  |
| T ×Tr | 0.4 |  | 1.8 |  | 0.8 | |  | 5.8 | | \*\* | 1.7 | |  |
| **Radish** |  |  |  |  |  | |  |  | |  |  | |  |
| Time (T) | 48.2 | \*\*\* | 2.2 |  | 38.3aa | | \*\*\* | 14.2 | | \*\*\* | 15.4 | | \*\*\* |
| Treatment (Tr) | 10.5 | \*\* | 19.2 | \*\*\* | 10.2a | | \*\* | 10.3 | | \*\* | 0.8 | |  |
| T ×Tr | 7.9 | \*\*\* | 2.7 |  | 3.8a | | \* | 0.6 | |  | 5.3 | | \*\* |

Significance levels: \* < 0.05, \*\* < 0.01, \*\*\* < 0.001

a Greenhouse-Geisser correction for violation of sphericity