**Table S1. Summary of statistical analysis of pH, electrical conductivity (EC), organic carbon (OC), phosphate-P and total organic N (TON) of soil treated with no leachate (control, C), *P. cineraria* (PC) or *P. juliflora* (PJ) leaf leachate** (one-way ANOVA and posthoc Tukey’s test at p < 0.05).

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Treatment\* | ANOVA statistics | Tukey's test, p value |
|  | C | PC  | PJ | df | F | p | C vs. PC | C vs. PJ | PC vs. PJ |
| pH | 7.98±0.02c | 7.84±0.01 b | 7.72±0.00 a | 2,15 | 97.856 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| EC (dS/m) | 0.172±0.002 a | 0.287±0.002 b | 0.548±0.003c | 2,15 | 7079.190 | <0.0001 | <0.0001 | <0.0001 | <0.0001 |
| OC (%) | 0.212±0.007 a | 0.240±0.003 b | 0.340±0.007 c | 2,15 | 118.914 | <0.0001 | 0.018 | <0.0001 | <0.0001 |
| P (mg/100g) | 2.68±0.02 a | 2.76±0.07 a | 3.34±0.09 b | 2,15 | 25.881 | <0.0001 | 0.693 | <0.0001 | <0.001 |
| TON (mg/100g) | 40.9±1.0 a | 45.4±0.3 b | 54.9±0.6 c | 2,15 | 111.463 | <0.0001 | <0.001 | <0.0001 | <0.0001 |

\*values are mean±se