

Uptake and utilization of nitrogen, phosphorus and potassium as related to yield advantage in maize-soybean intercropping under different row configurations

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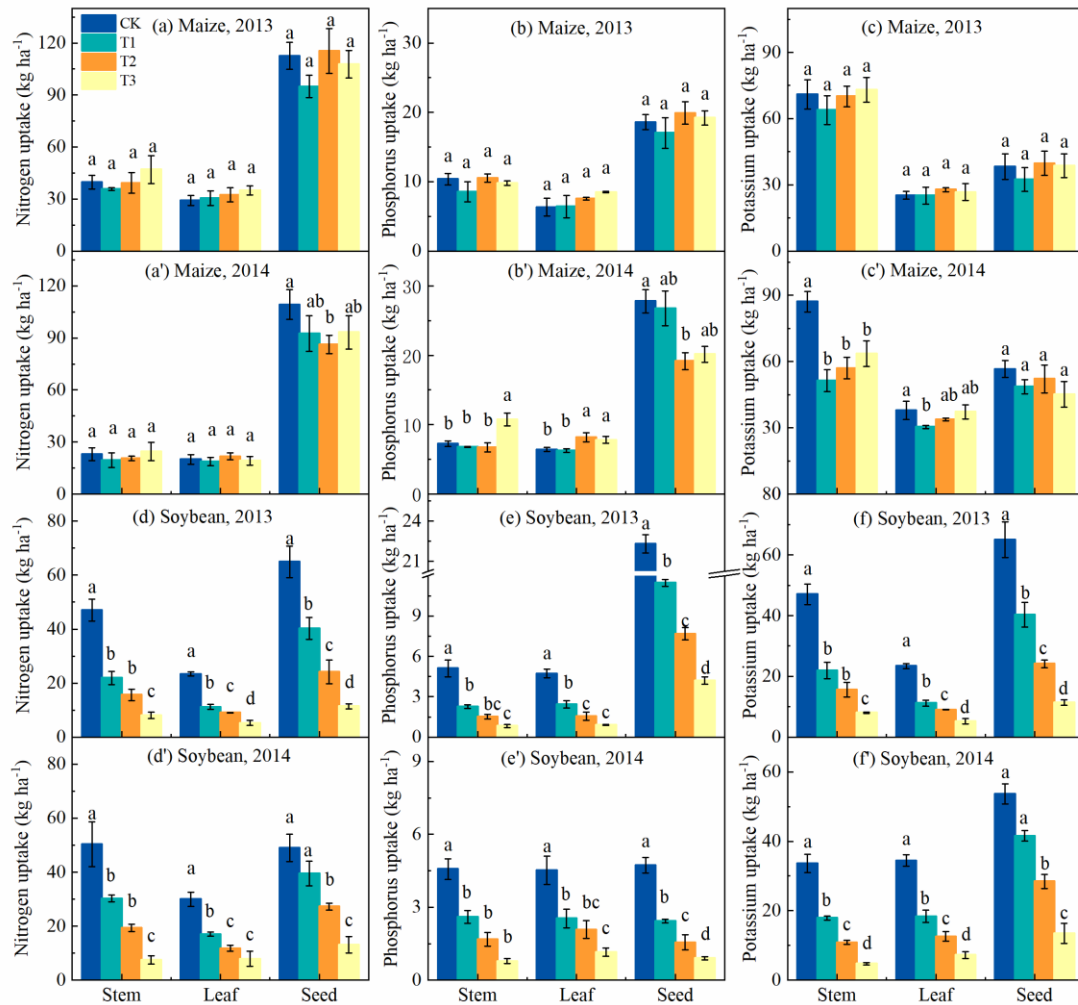


Figure S1. Nutrient uptake in stem, leaf and seed of maize and soybean under different row configurations in 2013 (a-f) and 2014 (a'-f'). The T1 (40 cm: 60 cm), T2 (80 cm: 120 cm) and T3 (100 cm: 100 cm) represent the different row configurations under the intercropping system. The CK refers to sole cropping system of maize (a-c, a'-c') and soybean (d-f, d'-f'), respectively. Means are averaged over three replicates. Bars show $\pm$ standard errors, ($n = 3$). Within a bar, different lowercase and same letters show a significant and non-significant difference ($p \leq 0.05$) between treatments.

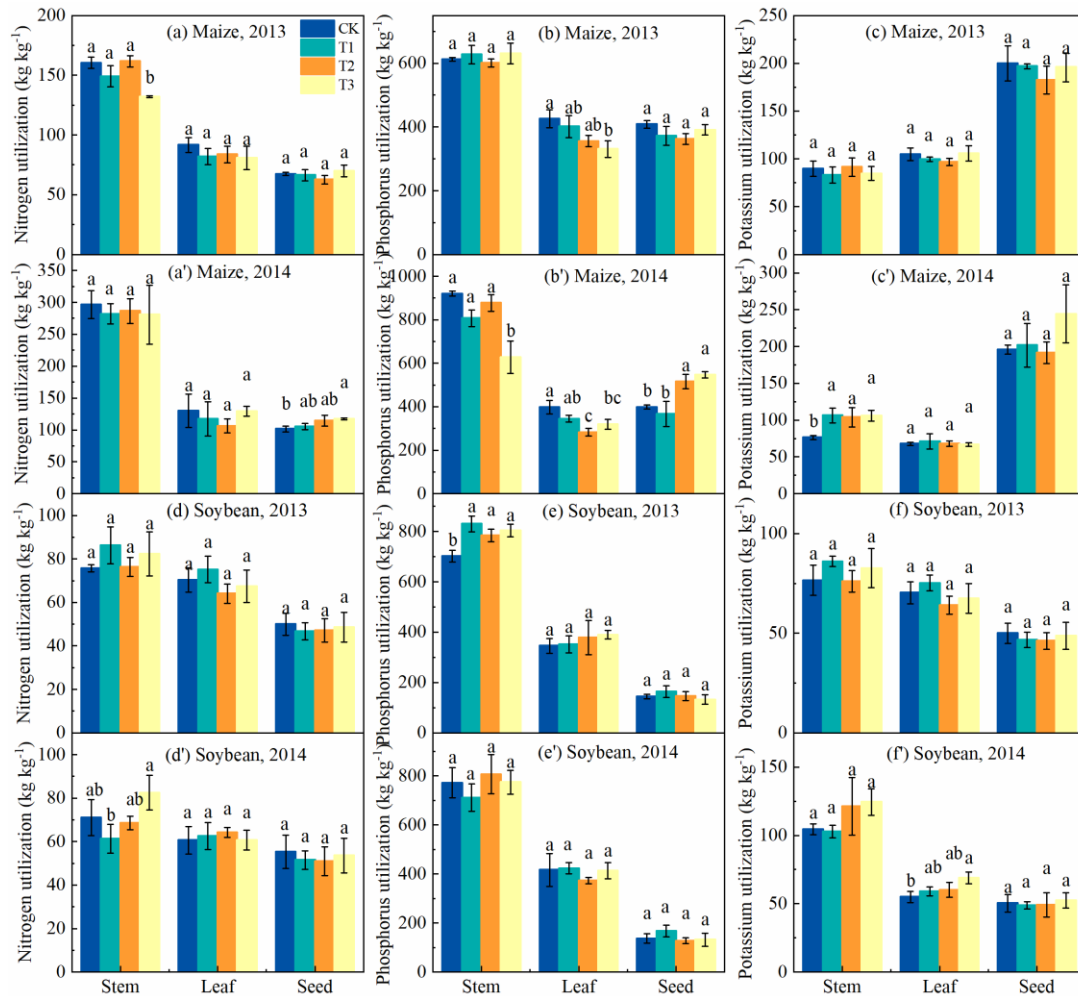


Figure S2. Nutrient utilization in stem, leaf and seed of maize and soybean under different row configurations in 2013 (a-f) and 2014 (a'-f'). The T1 (40 cm: 60 cm), T2 (80 cm: 120 cm) and T3 (100 cm: 100 cm) represent the different row configurations under the intercropping system. The CK refers to sole cropping system of maize (a-c, a'-c') and soybean (d-f, d'-f'), respectively. Means are averaged over three replicates. Bars show $\pm$ standard errors, (n = 3). Within a bar, different lowercase and same letters show a significant and non-significant difference ($p \leq 0.05$) between treatments.