

Supplementary Material

Promoting pepper (*Capsicum annuum*) photosynthesis via chloroplast ultrastructure and enzyme activities by optimising the ammonium to nitrate ratio

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Fig. S1: Quantum yield of non-regulated energy dissipation in photosystem II Y(NO), quantum yield of regulated energy dissipation in photosystem II [Y(NPQ)], and actual photosynthetic efficiency of photosystem II Y(II) as affected by ammonium to nitrate (A:N) ratio treatment.

Table S1. Concentration of salts (mM), electrical conductivity (EC) and pH in nutrient solution treatments.

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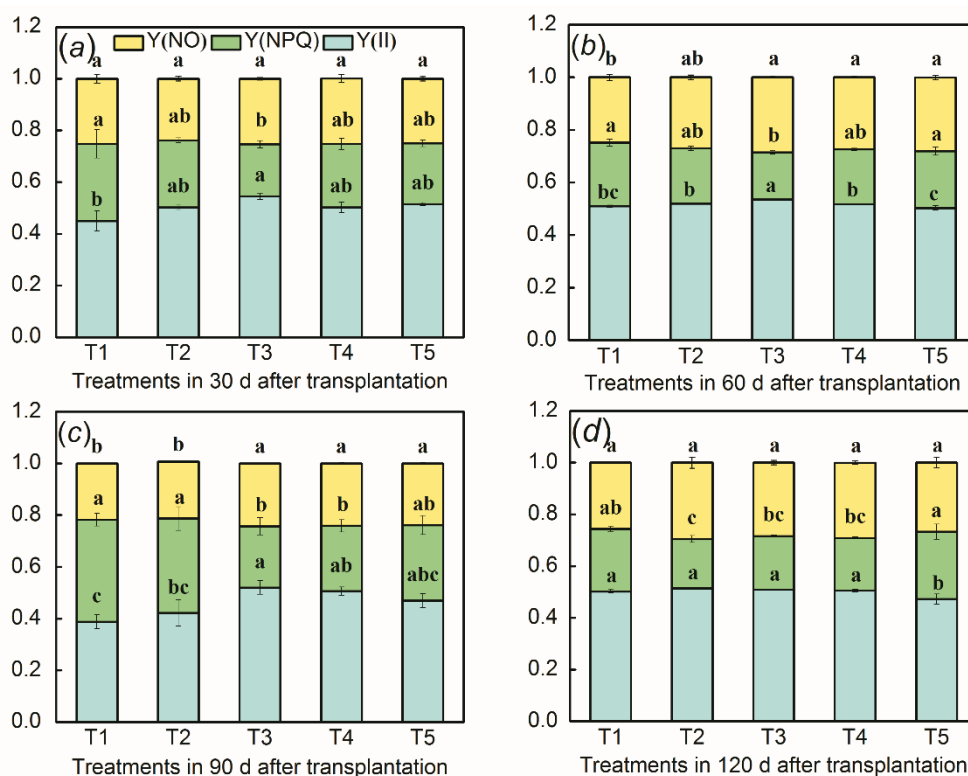


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T1, A:N = 0:100; T2, A:N = 12.5:87.5; T3, A:N = 25:75; T4, A:N = 37.5:62.6; T5, A:N = 50:50. A, ammonium;

N, nitrate

Salts(mM)	T1	T2	T3	T4	T5
(NH ₄) ₂ SO ₄	0	0.625	1.25	1.875	2.5
KNO ₃	5	5	5	5	5
Ca(NO ₃) ₂ ·4H ₂ O	2.5	1.875	1.25	0.625	0
CaCl ₂	0	0.625	1.25	1.875	2.5
KH ₂ PO ₄	1	1	1	1	1
MgSO ₄ ·7H ₂ O	1	1	1	1	1
EC(μs/cm)	898	876	884	871	893
pH	7.0	6.9	6.8	6.7	6.8