

**Table S1.** Pearson correlation coefficients (r) between fresh weight, dry weight, seed germination (%), shoot length (cm), root length (cm), electrolyte leakage and photosynthetic pigments.

	DW	FW	GER	ST	RT	EL	CHL a	CHL b	CAR	CHL a/b
DW	1									
FW	0.939**	1								
GER	-0.220	-0.204	1							
ST	-0.078	0.005	0.447	1						
RT	-0.228	-0.170	0.292	0.766*	1					
EL	-0.778*	-0.920**	0.195	-0.011	0.135	1				
CHL a	-0.643	-0.491	0.217	0.230	0.535	0.328	1			
CHL b	-0.457	-0.346	-0.064	0.013	0.435	0.080	0.809**	1		
CAR	-0.564	-0.387	0.180	0.083	0.417	0.146	0.945**	0.865**	1	
CHL a/b	0.443	0.298	-0.035	-0.014	-0.394	0.000	-0.811**	-0.981**	-0.909**	1

\*\* Correlation is significant at the 0.01 level (2-tailed). \* Correlation is significant at the 0.05 level (2-tailed). <sup>1</sup>DW; Dry weight, FW; Fresh weight, GER; seed germination rate, ST; Shoot length, RT, Root length, EL; Electrolyte leakage, CHL a; Chlorophyll a, CHL b; Chlorophyll b, CAR; Carotenoid, CHL a/b; Ratio of Chlorophyll a/ b.