

Table S1. Standardization of stress imparting concentration of PEG.

PEG stress	Shoot length (cm)	Fresh weight (g)	Dry weight (g)	Total chlorophyll (mg/g fw)
Control	12.033±0.088	0.75±0.0038	0.0733±0.0019	3.16856±0.136
5% PEG	11.5±0.058	0.675556±0.0123	0.0616±0.0009	2.9008±0.080
10% PEG	9.533±0.145	0.571111±0.0048	0.0566±0.0019	1.916377±0.092
15% PEG	6.333±0.088	0.408889±0.0029	0.0366±0.0019	1.59633±0.013
20% PEG	3.366±0.08	0.26±0.00509	0.014±0.00138	1.368997±0.03
25% PEG	1.933±0.088	0.035556±0.0029	0.006±0.0019	0.51881±0.017

Table S2. Fixation of priming concentration of BABA and PEG based on shoot length, fresh weight, dry weight and total chlorophyll content.

BABA priming	Shoot length (cm)	Fresh weight (g)	Dry weight (g)	Total chlorophyll (mg/g fw)
0 mM	11.91±0.13	0.736±0.007	0.0708±0.004	3.197±0.031
0.5 mM	13±0.11	0.750±0.007	0.073±0.002	3.450±0.076
1.0 mM	13.03±0.08	0.750±0.014	0.073±0.004	3.731±0.06
1.5 mM	13.23±0.14	0.752±0.010	0.074±0.0015	3.947±0.039
2.0 mM	12.93±0.14	0.740±0.009	0.0726±0.004	3.781±0.014
2.5 mM	12.56±0.23	0.733±0.009	0.0701±0.0045	3.701±0.048
Stress	5.96±0.088	0.393±0.0317	0.0363±0.004	1.624±0.008
0.5 mM + S	6.93±0.23	0.398±0.026	0.0399±0.0034	1.76±0.018
1.0 mM + S	7.3±0.17	0.406±0.043	0.040±0.003	1.779±0.025
1.5 mM + S	7.32±0.20	0.41±0.036	0.052±0.0030	1.791±0.027
2.0 mM + S	6.83±0.08	0.403±0.023	0.0466±0.0046	1.75±0.028
2.5 mM + S	6.06±0.12	0.4±0.05	0.04±0.0028	1.69±0.05

PEG priming	Shoot length (cm)	Fresh weight (g)	Dry weight (g)	Total chlorophyll (mg/g fw)
0	12.06±0.12	0.736±0.012	0.07±0.0057	3.17±0.137
5%	12.53±0.26	0.75±0.0057	0.073±0.0015	3.38±0.0828
10%	13.3±0.152	0.7516±0.010	0.074±0.0032	3.79±0.0514
15%	13.06±0.066	0.75±0.0115	0.073±0.0011	3.785±0.079
20%	12.7±0.152	0.739±0.010	0.073±0.0036	3.606±0.003
25%	12.5±0.305	0.733±0.01	0.069±0.0046	3.559±0.0215
Stress	6.033±0.145	0.383±0.044	0.036±0.0032	1.647±0.031
5% + S	6.666±0.317	0.396±0.0218	0.039±0.0037	1.692±0.03
10% + S	7.36±0.185	0.403±0.0328	0.0475±0.002	1.732±0.05
15% + S	6.833±0.1452	0.4±0.020817	0.0473±0.0017	1.697±0.01
20% + S	6.733±0.348	0.393±0.008	0.046±0.0026	1.634±0.014
25% + S	6.4±0.1	0.391±0.0428	0.041±0.0026	1.624±0.023