

Supplementary Material

Enhancing stress resilience in soybeans (*Glycine max*): assessing the efficacy of priming and cross-priming for mitigating water deficit and waterlogging effects

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Supplementary Table S1: Soil chemical properties

Water pH	Texture	Effective CEC	Base Saturation (%)	Index SMP	CEC pH 7
6.79	3	8.3	88.7	7.26	9.3
P-Mehlich	K	Cu	Zn	Mn	S
mg/dm ³					
7.9	98.8	1.1	1.1	3.5	12.1
K	Ca	Mg	H + Al	Al	Ca/Mg Ratio
cmolc/dm ³					
0.253	4.7	3.3	1	0	1.4
Molar ratios				%OM	%Clay
K/CEC	Ca/CEC	Mg/CEC	(Ca + Mg)/K		w/v
2.72	50.5	35.5	31.6	1.5	22

CEC, Cation exchange capacity; OM, organic material; SMP, Soil matric potential