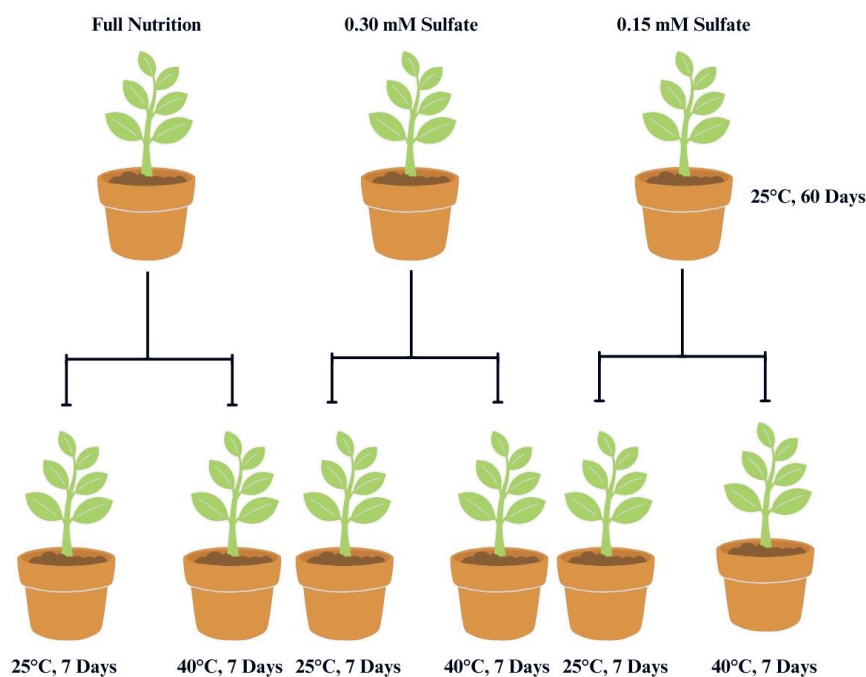


ON-LINE SUPPLEMENTARY MATERIAL

Nisa İmamoğlu, E., Sağlam, A., Kadioğlu, A. Sulfur deficiency reduces the thermotolerance of *Heliotropium thermophilum* to high temperatures. Acta Botanica Croatica, DOI: 10.37427/botcro-2025-020.

On-line Suppl. Tab. 1. Treatments and recipes for the prepared media. * indicates the microelements: 40 μM Na_2FeEDTA , 60 μM H_3BO_3 , 14 μM MnSO_4 , 1 μM ZnSO_4 , 0.6 μM CuSO_4 , 0.4 μM NiCl_2 , 0.3 μM HMoO_4 , 20 nM CoCl_2 . MES - 2-(N-morpholino) ethanesulfonic acid.

Compound	Full nutrition Final (mM)	0.30 mM SO_4^{2-} Final (mM)	0.15 mM SO_4^{2-} Final (mM)
KNO_3	2	2	2
NH_4NO_3	1	1	1
$\text{KH}_2\text{PO}_4/\text{K}_2\text{HPO}_4$ (pH 5.8)	3	3	3
CaCl_2	4	4	4
MgSO_4	1	0.30	0.15
K_2SO_4	2	0	0
MgCl_2	0	0.70	0.85
KCl	0	4	4
MES (pH 5.8)	3	3	3
Glutamine	1	1	1
Microelements*	1×	1×	1×
Sucrose	0.5%	0.5%	0.5%



On-line Suppl. Fig. 1. A schematic illustration of the sulfur deficiency application under high temperature