

ON-LINE SUPPLEMENTARY MATERIAL

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On-line Suppl. Tab. 1. Pearson correlation coefficients obtained for shoots of tomato seedlings under 0, 2, 4, and 6 mM boron for 20 days; bivariate correlation analysis (n = 4). Measured parameters include fresh weight (FW) and dry weight (DW), total water content (TWC), shoot/root ratio (S/R ratio), percent of electrical conductivity (EC%), potassium leakage (K leakage), UV metabolites leakage, chlorophyll *a* (chl *a*), chlorophyll *b* (chl *b*), chlorophyll *a+b* (chl *a+b*), carotenoids (cars), free boron (free B), semi-bound boron (semi B), and bound boron (bound B). ** Correlation is significant at 0.01 level (two-tailed). * Correlation is significant at 0.05 (two-tailed) level.

		Shoot													
		FW	DW	TWC	S/R ratio	EC%	K leakage	Metabolite leakage	Chl <i>a</i>	Chl <i>b</i>	Chl <i>a+b</i>	Cars	Free B	Semi B	Bound B
FW	1														
DW	0.932**	1													
TWC	1.000**	0.922**	1												
S/R ratio	-0.837**	-0.798**	-0.835**	1											
EC%	-0.755**	-0.681*	-0.756**	0.827**	1										
K leakage	-0.803**	-0.742**	-0.803**	0.833**	0.977**	1									
Metabolite leakage	-0.865**	-0.800**	-0.866**	0.924**	0.926**	0.915**	1								
Chl <i>a</i>	0.803**	0.862**	0.795**	-0.669*	-0.609*	-0.680*	-0.652*	1							
Chl <i>b</i>	0.458	0.516	0.452	-0.111	-0.005	-0.087	-0.101	0.690*	1						
Chl <i>a+b</i>	0.778**	0.840**	0.770**	-0.599*	-0.527	-0.604*	-0.581*	0.991**	0.780**	1					
Cars	0.715**	0.783**	0.706*	-0.591*	-0.514	-0.592*	-0.550	0.985**	0.720**	0.984**	1				
Free B	-0.896**	-0.857**	-0.894**	0.907**	0.931**	0.943**	0.971**	-0.768**	-0.224	-0.704*	-0.669*	1			
Semi B	-0.930**	-0.924**	-0.925**	0.922**	0.890**	0.915**	0.937**	-0.822**	-0.311	-0.767**	-0.734**	0.965**	1		
Bound B	-0.719**	-0.713**	-0.715**	0.646*	0.724**	0.828**	0.687*	-0.812**	-0.341	-0.765**	-0.785**	0.799**	0.799**	1	

On-line Suppl. Tab. 2. Pearson correlation coefficients obtained for roots of tomato seedlings grown under 0, 2, 4, and 6 mM boron for 20 days, bivariate correlation analysis (n = 4). Measured parameters include fresh weight (FW) and dry weight (DW), total water content (TWC), free boron (free B), semi-bound boron (semi B), and bound boron (bound B). ** Correlation is significant at 0.01 level (two-tailed). * Correlation is significant at 0.05 (two-tailed) level.

	Root					
	FW	DW	TWC	Free B	Semi B	Bound B
FW	1					
DW	0.988**	1				
TWC	1.000**	0.986**	1			
Free B	-0.953**	-0.930**	-0.954**	1		
Semi B	-0.958**	-0.964**	-0.957**	0.965**	1	
Bound B	-0.665*	-0.661*	-0.655*	0.799**	0.799**	1



On-line Suppl. Fig.1. Tomato seedlings grown under 0 (control), 2, 4, and 6 mM boron for 20 days.