

Supplementary tables

Table S1 – p values of the post hoc Tukey's HSD test on repeated measure ANOVA for each dependent variable per DOY (181, 196, 211, 226, 241) per year (2017 vs. 2018).

Comparison		Stem water potential (MPa)				Net photosynthesis ($\mu\text{mol CO}_2 \text{ m}^{-2} \text{ s}^{-1}$)			
		Primary leaf		Lateral leaf		Primary leaf		Lateral leaf	
		2017	2018	2017	2018	2017	2018	2017	2018
Day of the year	Day of the year	p Value				p Value			
181	196	1	<0.001	0.984	<0.001	0.804	0.110	0.460	0.819
	211	<0.001	<0.001	0.145	<0.001	0.002	0.060	<0.001	0.994
	226	<0.001	0.091	<0.001	0.996	0.005	0.019	<0.001	0.934
	241	<0.001	0.796	0.009	0.018	0.003	0.969	<0.001	0.588
196	211	<0.001	0.979	0.057	0.013	<0.001	0.997	<0.001	0.959
	226	<0.001	0.014	<0.001	<0.001	<0.001	0.882	<0.001	0.383
	241	<0.001	<0.001	0.003	<0.001	<0.001	0.304	<0.001	0.993
211	226	0.001	0.015	<0.001	<0.001	0.983	0.973	1	0.767
	241	0.979	<0.001	0.609	<0.001	0.997	0.182	<0.001	0.810
226	241	0.004	0.010	0.017	0.009	1	0.063	<0.001	0.209
		Transpiration rate ($\text{mmol H}_2\text{O m}^{-2} \text{ s}^{-1}$)				Stomatal conductance ($\text{mmol H}_2\text{O m}^{-2} \text{ s}^{-1}$)			
		Primary leaf		Lateral leaf		Primary leaf		Lateral leaf	
		2017	2018	2017	2018	2017	2018	2017	2018
Day of the year	Day of the year	p Value				p Value			
181	196	0.356	0.907	0.349	0.183	0.120	0.993	0.230	1
	211	0.747	1	0.271	0.378	0.157	0.210	0.116	0.991
	226	0.232	0.256	0.281	0.994	0.165	0.061	0.047	0.332
	241	0.861	0.052	0.146	0.852	0.085	0.977	0.127	0.544
196	211	0.955	0.924	1	0.988	0.661	0.102	0.910	0.981
	226	0.998	0.713	1	0.340	0.642	0.027	0.996	0.291
	241	0.885	0.010	0.004	0.029	0.847	0.855	0.892	0.599
211	226	0.859	0.276	1	0.607	1	0.952	0.987	0.577
	241	0.999	0.047	0.003	0.074	0.997	0.470	1	0.307
226	241	0.744	<0.001	0.003	0.633	0.995	0.168	0.982	0.021

Table S2 – p values of post hoc Tukey's HSD test on repeated measure ANOVA for each dependent variable per treatment (ELR/NLR; MT/CT) per year (2017 vs. 2018).

Comparison		Stem water potential (MPa)				Net photosynthesis ($\mu\text{mol CO}_2 \text{ m}^{-2} \text{ s}^{-1}$)			
		Primary leaf		Lateral leaf		Primary leaf		Lateral leaf	
		2017	2018	2017	2018	2017	2018	2017	2018
Treatment	Treatment	p Value				p Value			
NLR MT	ELR MT	< 0.001	0.179	0.002	0.045	< 0.001	0.949	0.678	0.099
	NLR CT	0.421	0.458	0.706	0.038	< 0.001	0.013	< 0.001	0.014
	ELR CT	1	0.991	0.609	0.391	< 0.001	0.134	< 0.001	0.004
ELR MT	NLR CT	< 0.001	0.014	< 0.001	< 0.001	< 0.001	0.005	< 0.001	0.688
	ELR CT	< 0.001	0.277	< 0.001	0.003	< 0.001	0.055	< 0.001	0.287
NLR CT	ELR CT	0.383	0.315	0.998	0.479	0.51	0.538	0.979	0.869
		Transpiration rate ($\text{mmol H}_2\text{O m}^{-2} \text{ s}^{-1}$)				Stomatal conductance ($\text{mmol H}_2\text{O m}^{-2} \text{ s}^{-1}$)			
		Primary leaf		Lateral leaf		Primary leaf		Lateral leaf	
		2017	2018	2017	2018	2017	2018	2017	2018
Treatment	Treatment	p Value				p Value			
NLR MT	ELR MT	0.032	0.820	0.002	0.078	0.999	0.281	0.476	0.049
	NLR CT	0.333	0.955	0.501	0.800	0.853	0.356	0.890	0.143
	ELR CT	0.998	0.583	0.655	0.987	0.994	0.014	0.997	0.196
ELR MT	NLR CT	0.002	0.983	0.027	0.320	0.902	0.998	0.867	0.916
	ELR CT	0.044	0.973	0.017	0.135	0.999	0.326	0.593	0.834
NLR CT	ELR CT	0.258	0.861	0.993	0.937	0.945	0.256	0.956	0.997