

### Supplementary material

**Table S1.** Mean pools of N and P per unit dry mass ( $n = 3-4$ ) for each treatment at three harvests from Exp. 2: all nutrients (All), P-exclusion (no-P), N-exclusion (no-N), and DI water. Different letters indicate significant differences ( $P < 0.05$ ) between treatments and harvests according to Tukey's post-hoc test

Harvest	Pre-harvest				Intermediate harvest (30 days)				Final harvest (63 days)			
	Treatment	DI	All	no-P	no-N	DI	All	no-P	no-N	DI		
Leaf N pool (mg)		0.8 <sup>c</sup>	1.8 <sup>b</sup>	1.7 <sup>b</sup>	0.8 <sup>c</sup>	0.7 <sup>c</sup>	3.1 <sup>a</sup>	2.9 <sup>a</sup>	0.8 <sup>c</sup>	0.7 <sup>c</sup>		
Stem N pool (mg)		0.8 <sup>c</sup>	0.7 <sup>cde</sup>	0.7 <sup>cd</sup>	0.5 <sup>de</sup>	0.5 <sup>e</sup>	1.3 <sup>b</sup>	1.4 <sup>a</sup>	0.5 <sup>de</sup>	0.6 <sup>cde</sup>		
Root N pool (mg)		0.4 <sup>e</sup>	1.2 <sup>bc</sup>	1.1 <sup>cd</sup>	0.7 <sup>cde</sup>	0.6 <sup>de</sup>	2.6 <sup>a</sup>	1.7 <sup>b</sup>	1.1 <sup>cd</sup>	1.2 <sup>bc</sup>		
Leaf P pool (mg)		0.06 <sup>c</sup>	0.1 <sup>b</sup>	0.06 <sup>c</sup>	0.06 <sup>c</sup>	0.04 <sup>cd</sup>	0.17 <sup>a</sup>	0.05 <sup>cd</sup>	0.05 <sup>cd</sup>	0.03 <sup>d</sup>		
Stem P pool (mg)		0.05 <sup>cde</sup>	0.06 <sup>cd</sup>	0.02 <sup>e</sup>	0.08 <sup>c</sup>	0.04 <sup>de</sup>	0.23 <sup>a</sup>	0.03 <sup>e</sup>	0.15 <sup>b</sup>	0.08 <sup>c</sup>		
Root P pool (mg)		0.06 <sup>d</sup>	0.1 <sup>c</sup>	0.05 <sup>d</sup>	0.08 <sup>cd</sup>	0.06 <sup>d</sup>	0.43 <sup>a</sup>	0.05 <sup>d</sup>	0.20 <sup>b</sup>	0.08 <sup>cd</sup>		