Supplementary Material

Tab. S1 - Mean ± SE, F and *p* values of total height, diameter and stem volume with fertilization in diploid and triploid one-year-old *Populus tomentosa* Carr. plants at the end of the growing season in the field (Fisher LSD test, α = 0.05, n = 4).

Stats		Height (cm)	Diameter (mm)	Stem volume (cm³)
Ploidy level	Diploid-0	290 ± 2.33 [d]	31.0 ± 0.63 [ab]	731 ± 23.7 [bc]
	Diploid-9	315 ± 5.69 [c]	29.0 ± 0.35 [c]	695 ± 25.6 [c]
	Triploid-0	338 ± 4.02 [b]	29.7 ± 0.51 [bc]	783 ± 35.6 [b]
	Triploid-9	353 ± 4.70 [a]	32.0 ± 0.43 [a]	947 ± 13.1 [a]
Two-way ANOVA	Ploidy levels (P)	$F=90.7, p<0.001$	$F=3.08, p=0.11$	$F=32.4, p<0.001$
	Fertilization (F)	$F=19.2, p=0.001$	$F=0.10, p=0.756$	$F=5.74, p=0.038$
	P × F	$F=1.29, p=0.282$	$F=19.1, p=0.001$	$F=14.0, p=0.004$

Tab. S2 - F, *p*, and R^2 values of linear regression (y= ax+b) between field growth and nutrient resorption efficiency of one-year-old *Populus tomentosa* Carr. plants.

Group	Variable	df	R^2	F	p	a/slope
NRE	H	13	0.0546	0.6937	0.4212	-0.1246
	D	13	0.201	3.0189	0.1079	2.5458
	SV	13	0.0417	0.5218	0.4839	0.026
PRE	H	13	0.0014	0.0173	0.8975	0.0228
	D	13	0.0992	1.3219	0.2726	2.02
	SV	13	0.1629	2.3358	0.1524	-0.058

Tab. S3 - F, *p*, and R^2 values of linear regression (y= ax+b) between field growth and leaf nutrient status of one-year-old *Populus tomentosa* Carr. plants.

Group	Variable	df	R^2	F	p	a/slope
H	[N]gre	13	0.022	0.2697	0.613	-0.0622
	[N]sen	13	0.0036	0.043	0.8391	0.0044
	[P]gre	13	0.0182	0.2222	0.6458	-0.0023
	[P]sen	13	0.1228	1.6797	0.2193	-0.002
D	[N]gre	13	0.4552	10.0263	0.0081	3.0172
	[N]sen	13	0.0002	0.0024	0.9617	0.0111
	[P]gre	13	0.2928	4.9695	0.0457	0.0978
	[P]sen	13	0.1068	1.4344	0.2542	0.0198
SV	[N]gre	13	0.1067	1.4339	0.2542	0.0327
	[N]sen	13	8.88E-06	0.0001	0.9919	5.22E-05
	[P]gre	13	0.0102	0.1242	0.7306	-0.0004
	[P]sen	13	0.1656	2.3809	0.1488	0.0006