

Supplementary Table S3. Responses of quinoa genotypes (Q) in competition with wild radish (*Raphanus raphanistrum*) and/or ryegrass (*Lolium multiflorum*), expressed by the amount of nitrogen (N) and phosphorus (P) (mg pot⁻¹) in replacement series experiments. UFFS, Erechim, RS, Brazil.

Plant proportion Quinoa : wild radish	Nutrient absorbed quinoa genotypes					
	Q 1303 x Wild radish		Q 1324 x Wild radish		Q 1331 x Wild radish	
	N	P	N	P	N	P
100:0 (C)	963.00	38.00	1165.00	44.30	821.00	40.10
75:25	550.00*	19.80*	407.00*	13.60*	429.00*	15.60*
50:50	272.00*	11.00*	144.00*	4.40*	344.00*	10.60*
25:75	159.00*	6.20*	109.00*	4.10*	147.00*	5.70*
CV (%)	6.74	6.40	6.74	6.40	6.74	6.40
Plant proportion Quinoa : ryegrass	Q 1303 x Ryegrass		Q 1324 x Ryegrass		Q 1331 x Ryegrass	
	N	P	N	P	N	P
100:0 (C)	142.25	17.75	125.83	16.43	176.38	22.33
75:25	139.95	18.03	132.75	18.85	151.05*	19.08*
50:50	89.18*	11.23*	90.38*	13.55*	97.25*	11.93*
25:75	56.48*	7.03*	57.88*	7.43*	44.50*	6.00*
CV (%)	13.40	14.62	13.40	14.62	13.40	14.62

* Mean differ from the respective control (C) by Dunnett's (p≤0.05).