

Supplementary Table S1. Relative differences in plant height, stem diameter, leaf area, number of leaves, chlorophyll index, and shoot dry matter of quinoa genotypes 1331, 1324, and 1303 under competition with wild radish. UFFS, Erechim, RS, Brazil.

Plant species	Plant proportion (quinoa : wild radish)		
	75:25	50:50	25:75
Plant height			
Quinoa 1331	-0.06 (± 0.02)	-0.17 (± 0.01)*	-0.09 (± 0.01)*
Wild radish	0.01 (± 0.01)	0.05 (± 0.01)	0.01 (± 0.01)
<i>Total</i>	<i>0.95 (± 0.03)</i>	<i>0.87 (± 0.01)*</i>	<i>0.92 (± 0.01)*</i>
Quinoa 1324	-0.29 (± 0.04)*	-0.25 (± 0.01)*	-0.11 (± 0.001)*
Wild radish	0.05 (± 0.01)*	0.05 (± 0.001)*	0.07 (± 0.02)*
<i>Total</i>	<i>0.76 (± 0.04)*</i>	<i>0.79 (± 0.01)*</i>	<i>0.92 (± 0.02)</i>
Quinoa 1303	-0.03 (± 0.02)	-0.17 (± 0.02)*	-0.06 (± 0.02)*
Wild radish	-0.002 (± 0.06)	0.005 (± 0.01)	-0.05 (± 0.02)
<i>Total</i>	<i>0.97 (± 0.02)</i>	<i>0.84 (± 0.02)*</i>	<i>0.89 (± 0.02)*</i>
Stem diameter			
Quinoa 1331	-0.15 (± 0.05)*	-0.17 (± 0.04)*	-0.12 (± 0.001)*
Wild radish	0.05 (± 0.001)	0.10 (± 0.03)	0.13 (± 0.02)*
<i>Total</i>	<i>0.89 (± 0.05)</i>	<i>0.93 (± 0.05)</i>	<i>1.00 (± 0.02)</i>
Quinoa 1324	-0.07 (± 0.02)*	-0.18 (± 0.001)*	-0.07 (± 0.01)*
Wild radish	0.11 (± 0.06)	0.11 (± 0.04)	0.24 (± 0.02)*
<i>Total</i>	<i>1.04 (± 0.06)</i>	<i>0.89 (± 0.02)*</i>	<i>1.17 (± 0.03)*</i>
Quinoa 1303	0.07 (± 0.02)*	-0.19 (± 0.03)*	-0.01 (± 0.001)*
Wild radish	0.05 (± 0.01)*	0.03 (± 0.01)*	0.07 (± 0.04)
<i>Total</i>	<i>1.13 (± 0.02)*</i>	<i>0.85 (± 0.02)*</i>	<i>1.05 (± 0.04)</i>
Number of leaves			
Quinoa 1331	-0.12 (± 0.02)*	-0.16 (± 0.03)*	-0.09 (± 0.001)*
Wild radish	0.03 (± 0.01)*	0.02 (± 0.01)	0.07 (± 0.05)
<i>Total</i>	<i>0.91 (± 0.02)*</i>	<i>0.85 (± 0.04)*</i>	<i>0.98 (± 0.05)</i>
Quinoa 1324	-0.30 (± 0.01)*	-0.21 (± 0.01)*	-0.12 (± 0.01)*
Wild radish	0.20 (± 0.06)*	0.14 (± 0.01)*	0.12 (± 0.04)*
<i>Total</i>	<i>0.90 (± 0.02)*</i>	<i>0.93 (± 0.01)*</i>	<i>1.00 (± 0.04)</i>
Quinoa 1303	-0.13 (± 0.01)*	-0.16 (± 0.01)*	-0.05 (± 0.01)*
Wild radish	0.06 (± 0.01)*	0.17 (± 0.09)	0.08 (± 0.03)
<i>Total</i>	<i>0.94 (± 0.01)*</i>	<i>1.01 (± 0.08)</i>	<i>1.02 (± 0.02)</i>
Chlorophyll index			
Quinoa 1331	-0.02 (± 0.02)	-0.07 (± 0.02)*	-0.05 (± 0.001)*
Wild radish	-0.01 (± 0.001)	-0.03 (± 0.01)*	0.02 (± 0.02)
<i>Total</i>	<i>0.99 (± 0.02)</i>	<i>0.90 (± 0.02)*</i>	<i>0.98 (± 0.02)</i>
Quinoa 1324	-0.02 (± 0.03)	-0.10 (± 0.01)*	-0.04 (± 0.001)*
Wild radish	-0.04 (± 0.01)	0.0004 (± 0.01)	-0.07 (± 0.02)*
<i>Total</i>	<i>0.94 (± 0.04)</i>	<i>0.90 (± 0.01)*</i>	<i>0.89 (± 0.02)*</i>
Quinoa 1303	-0.02 (± 0.01)	-0.09 (± 0.001)*	-0.03 (± 0.01)*
Wild radish	0.05 (± 0.001)*	0.08 (± 0.02)*	0.25 (± 0.02)*
<i>Total</i>	<i>1.03 (± 0.01)</i>	<i>0.99 (± 0.02)</i>	<i>1.22 (± 0.02)*</i>
Leaf area			
Quinoa 1331	-0.29 (± 0.03)*	-0.34 (± 0.01)*	-0.19 (± 0.01)*
Wild radish	-0.19 (± 0.01)*	-0.21 (± 0.01)	-0.10 (± 0.07)
<i>Total</i>	<i>0.53 (± 0.03)*</i>	<i>0.45 (± 0.02)*</i>	<i>0.71 (± 0.07)*</i>
Quinoa 1324	-0.36 (± 0.01)*	-0.30 (± 0.01)*	-0.21 (± 0.001)*
Wild radish	-0.12 (± 0.02)*	-0.04 (± 0.03)	0.19 (± 0.09)
<i>Total</i>	<i>0.52 (± 0.01)*</i>	<i>0.66 (± 0.02)*</i>	<i>0.97 (± 0.09)</i>
Quinoa 1303	-0.26 (± 0.02)*	-0.30 (± 0.01)*	-0.21 (± 0.001)
Wild radish	-0.18 (± 0.001)*	-0.30 (± 0.01)*	-0.25 (± 0.03)*
<i>Total</i>	<i>0.56 (± 0.02)*</i>	<i>0.41 (± 0.01)*</i>	<i>0.54 (± 0.03)*</i>
Shoot dry matter			
Quinoa 1331	-0.47 (± 0.03)*	-0.37 (± 0.01)*	-0.21 (± 0.001)*
Wild radish	-0.13 (± 0.001)*	-0.14 (± 0.01)*	-0.14 (± 0.02)*
<i>Total</i>	<i>0.39 (± 0.03)*</i>	<i>0.49 (± 0.01)*</i>	<i>0.65 (± 0.0)*</i>
Quinoa 1324	-0.48 (± 0.02)*	-0.44 (± 0.001)*	-0.23 (± 0.001)*
Wild radish	-0.08 (± 0.01)*	-0.08 (± 0.01)*	-0.07 (± 0.02)*
<i>Total</i>	<i>0.44 (± 0.01)*</i>	<i>0.48 (± 0.01)*</i>	<i>0.70 (± 0.02)*</i>
Quinoa 1303	-0.35 (± 0.02)*	-0.34 (± 0.01)*	-0.21 (± 0.001)*
Wild radish	-0.13 (± 0.01)*	-0.15 (± 0.01)*	-0.15 (± 0.01)*
<i>Total</i>	<i>0.52 (± 0.02)*</i>	<i>0.50 (± 0.02)*</i>	<i>0.64 (± 0.01)*</i>

* Significant difference by T-test ($p \leq 0.05$). Values under brackets are the standard error of the mean.