

Table 14 Correlation between water quality, growth and nutrient utilization parameters

Pearson	TRT	Phytase	DO	pH	Temp	NH ₃	Nitrate	FNLWT	WTG	FI	FCR
Nitrate	-.330*	0.017	-0.25	-0.268	-0.102	.473**	1				
			6								
	0.033	0.914	0.101	0.086	0.522	0.002					
Mean final wt	-.850*	-0.092	0.074	-0.257	-0.128	0.172	0.303	1			
	*										
	0	0.56	0.641	0.1	0.421	0.276	0.051				
Mean weight gain	-.849*	-0.102	0.072	-0.264	-0.136	0.178	.328*	.997**	1		
	*										
	0	0.52	0.652	0.092	0.389	0.259	0.034	0			
DFI	-.630*	0.042	0.089	-0.251	0.051	-0.007	0.023	.798**	.775**	1	
	*										
	0	0.791	0.575	0.109	0.747	0.963	0.886	0	0		
FCR	.480**	-0.167	-0.28	0.274	-0.008	-0.137	-0.274	-.695**	-.698*	-.449*	1
			5						*	*	
	0.001	0.29	0.067	0.079	0.958	0.385	0.079	0	0	0.003	
SGR	-0.176	-0.102	0.191	-0.287	-0.102	-0.003	0.213	0.133	0.141	0.019	-.353*
	0.266	0.518	0.225	0.066	0.521	0.986	0.176	0.399	0.372	0.905	0.022
PER	-0.282	-0.168	0.226	-.320*	-0.139	-0.092	0.262	0.239	0.246	0.114	-.375*
	0.07	0.289	0.15	0.039	0.382	0.561	0.094	0.128	0.116	0.472	0.014