

Table 3 Growth parameters (\pm S.E.) of common carp fed experimental diets

Parameter	Diets				
	T ₀	T ₁	T ₂	T ₃	T ₄
Final weight (g)	49.46 \pm 1.03 ^a	61.62 \pm 1.09 ^b	67.82 \pm 0.84 ^c	51.57 \pm 1.03 ^a	51.79 \pm 2.91 ^a
Final length (cm)	13.30 \pm 1.31 ^a	14.11 \pm 0.64 ^a	14.75 \pm 1.13 ^a	13.90 \pm 0.70 ^a	13.70 \pm 0.59 ^a
Specific growth rate (%)	2.95 \pm 0.09 ^a	3.11 \pm 0.03 ^b	3.13 \pm 0.08 ^b	2.98 \pm 0.12 ^a	2.98 \pm 0.07 ^a
Food conversion efficiency (%)	25.26 \pm 0.46 ^a	27.06 \pm 0.12 ^b	27.88 \pm 0.51 ^b	27.70 \pm 0.18 ^b	25.84 \pm 0.21 ^a
RNA:DNA ratio	3.12	5.24	5.46	3.49	3.57
Survival (%)	76.0	84.0	86.0	84.0	78.0
Net production (g/25m ³ /140 days)	1879.48	2 588.04	2 916.26	2 165.94	2 019.81
HSI (%)	0.59 \pm 0.04 ^b	0.46 \pm 0.06 ^a	0.53 \pm 0.06 ^{ab}	0.38 \pm 0.02 ^a	0.42 \pm 0.02 ^a
VSI (%)	9.62 \pm 0.32 ^a	15.80 \pm 0.76 ^c	18.18 \pm 0.65 ^d	16.16 \pm 0.48 ^c	13.84 \pm 0.27 ^b
Carcass proximate composition (%)					
Moisture	76.39 \pm 0.07 ^a	75.41 \pm 0.09 ^a	75.31 \pm 0.18 ^a	75.81 \pm 0.07 ^a	75.70 \pm 0.08 ^a
Protein	18.22 \pm 0.05 ^a	19.17 \pm 0.04 ^b	19.43 \pm 0.04 ^b	18.57 \pm 0.05 ^a	18.75 \pm 0.03 ^a
Lipid	1.95 \pm 0.02 ^a	2.43 \pm 0.04 ^b	2.43 \pm 0.08 ^b	2.28 \pm 0.06 ^b	2.32 \pm 0.05 ^b
Ash	1.58 \pm 0.03 ^d	1.33 \pm 0.02 ^b	1.09 \pm 0.03 ^a	1.47 \pm 0.01 ^c	1.52 \pm 0.01 ^d
Digestion coefficient (%)					
Dry matter	79.02	80.50	81.49	79.49	79.88
Protein	84.01	86.60	87.68	84.90	85.08
Fat	87.23	90.16	91.94	88.44	88.89

Note: Values with different superscripts in the same row indicate significant ($P \leq 0.05$) difference