

Supplementary Table S1. Composition of basal diet.

Ingredients	Starter (D0–10)	Grower (D11–24)	Finisher (D25–42)
Corn	56	58.97	62.8
Soybean meal	38.5	34.5	30.37
Soybean oil	1.3	2.2	2.9
Dicalcium Phosphate	1.6	1.4	1.3
Calcium carbonate	1.1	1	0.96
Methionine	0.3	0.28	0.25
Lysine	0.25	0.2	0.18
Threonine	0.1	0.6	0.4
Vitamin and mineral premix	0.5	0.5	0.5
Common salt	0.25	0.24	0.22
Sodium bicarbonate	0.1	0.13	0.12
Calculated composition			
Metabolizable energy (kcal/kg)	2850	2947	3047
Crude protein (%)	21.8	20.5	18.6
Calcium (%)	0.9	0.82	0.75
Available phosphorus (%)	0.45	0.42	0.39
Digestible methionine (%)	0.66	0.62	0.57
Digestible methionine + cystine (%)	1.02	0.97	0.89
Digestible lysine (%)	1.38	1.26	1.14