



Effect of *in ovo* betaine supplementation during normal and early embryonic thermal conditioning on the hatchability as well as post-hatch performance in broiler chickens

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Received: 10 October 2023; Accepted: 16 May 2024

Supplementary Table 1. Ingredients and nutrient composition of experimental diets in both the experiments

Ingredient (%)	Starter	Finisher
Maize	54.58	57.64
Soybean meal (46%CP)	37.80	32.60
Rice bran oil	4.24	5.86
Calcite	1.52	1.73
Di-calcium phosphate	0.95	1.10
Salt	0.18	0.18
L-lysine	0.15	0.17
DL-Methionine	0.28	0.27
Mineral mixture ^a	0.15	0.15
B-Complex vitamins ^b	0.10	0.10
Vitamin AD3EK	0.14	0.14
Coccidiostat ^c	0.01	0.01
Toxin binder	0.05	0.05
Total	100	100
<i>Nutrient composition (%)</i>		
Crude protein	21.65	19.70
ME (Kcal/kg)#	3125	3250
Calcium	0.95	0.90
Available phosphorus*	0.46	0.46
Lysine*	1.25	1.14
Methionine*	0.59	0.55

#ME – Metabolizable energy; *Calculated values. ^aMineral mixture contained manganese–91, zinc–91, iron–85, iodine–1.82, copper–30.24 and cobalt–0.365. ^bVitamin premix contained B2–13 mg, thiamine–5 mg, pyridoxine–8 mg, Niacin–320 mg, cyanocobalamin–0.05 mg, vitamin E–95 mg, calcium D pantothenate–27.5 mg and folic acid–14 mg, calcium–30.1 mg. ^cCoccidiostat supplied 125 mg of Di-nitro-ortho-toluamide.