



Effect of low crude protein breeder diets with balanced limiting amino acids on progeny chick quality and juvenile growth performance in Swarnadhara birds

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Supplementary Table 1. Amino acid content in feed ingredients used in the trial

AA (mg/kg)	Corn	Soya	DORB
Lysine	24.99	320.50	45.07
Methionine	18.62	103.64	26.01
Threonine	11.69	65.33	127.52
Tryptophan	96.65	75.95	Nil

Supplementary Table 2. Ingredient composition of Layer diets

Ingredient	Treatment				
	T1 (kg)	T2 (kg)	T3 (kg)	T4 (kg)	T5 (kg)
Maize	65.73	66.16	66.26	66.25	66.55
DORB	-	1.21	2.5	4.32	5.5
Soya	22.55	20.9	19.5	17.7	16.2
Shell grit	7.0	7.0	7.0	7.0	7.0
Mineral Mixture*	3.0	3.0	3.0	3.0	3.0
DCP	0.5	0.5	0.5	0.5	0.5
TM **	0.1	0.1	0.1	0.1	0.1
Salt	0.3	0.3	0.3	0.3	0.3
Lysine	0.1	0.13	0.13	0.13	0.13
Methionine	0.1	0.12	0.13	0.14	0.16
Threonine	0.31	0.3	0.3	0.28	0.28
Additives ***	3.07	3.07	3.07	3.07	3.07
Total	100	100	100	100	100

DORB, De-oiled Rice Bran; DCP,-Di Calcium Phosphate; *Mineral Mixture: Each 100 g Contains calcium-32 g, Phosphorus-6 g, Copper-100 ppm, Cobalt-60 ppm, Manganese-2700 ppm, Iodine-100 ppm, Zinc-60 ppm, Iron-120 ppm; **Trace mineral mixture: Fe-90000 ppm, I-2000 ppm, Cu-15000 ppm, Mn-90000 ppm, Zn-80000 ppm, Se-300 ppm; ***Additives: Vitamin AB₂D₃- 25 g (each gram contains-Vit A-82500 IU, B₁₂-50 mg, D₃-12,000 IU and K-10 mg.), Vitamin B Complex with E-25 g (each gram contains Vit B₁-4 mg, B₆-8mg, B₁₂-40 mcg, E-40 mg. Calcium D pantothenate-40 mg and Niacin-60 mg.) Herbal Liver stimulant-100 g; Semduramicin- 30.0 g, Tetracycline- 30.0 g, a commercial toxin binder-100 g.