



Effect of different combinations of probiotic, chicory root powder and coriander seed powder on growth, carcass, immunity, serum parameters and economics of broilers

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Supplementary Table 1. Synergistic effect of probiotic, chicory root powder and coriander powder on the cost of feeding during pre-starter (0-14 d), starter (15-28 d) and finisher phase (29-42 d)

Trt	Pre starter (0-14 d)			Starter (15-28 d)			Finisher (29-42 d)			Over all (0-42 d)
	Cost of feed (₹/kg)	FI (g)	Feeding cost (₹)	Cost of feed (₹/kg)	FI (g)	Feeding cost (₹)	Cost of feed (₹/kg)	FI (g)	Feeding cost (₹)	Total feeding cost / bird
T ₁	28.89	232	6.70	29.78	1119	33.32	29.12	2182	63.55	103.57
T ₂	29.08	214	6.22	29.96	1173	35.14	29.31	2179	63.86	105.23
T ₃	29.63	227	6.73	30.52	1163	35.49	29.86	2163	64.59	106.81
T ₄	29.73	223	6.63	30.62	1169	35.79	29.96	2172	65.08	107.50
T ₅	30.23	221	6.68	31.12	1167	36.31	30.46	2173	66.20	109.19
T ₆	30.35	214	6.50	31.24	1158	36.17	30.58	2172	66.43	109.09

Note: Antibiotic, 0.185 ₹/ kg feed; Probiotic, 0.12 ₹ / kg feed; Chicory root powder, 0.62 ₹/kg feed; Coriander seed powder, 0.48 ₹/ kg feed. Trt, Treatment.

Supplementary Table 2. Synergistic effect of probiotic, chicory root powder and coriander powder on the cost of feeding, returns and gain /loss over antibiotic or control diet of broilers at market age (42 d)

Trt	Diet	Cumulative feeding cost / bird (₹)	Chick cost (₹)	Miscellaneous ** (₹)	Total cost of production/ bird (₹)	Body weight (g)	Sale amount* (₹/ bird)	Returns (₹/ bird)	Gain / loss over control (₹/ bird)
T ₁	Control	103.57	20.00	3	126.57	2022	145.58	19.01 ^c	-
T ₂	Antibiotic	105.23	20.00	3	128.23	2063	148.54	20.31 ^d	1.29
T ₃	Probiotic + Chicory	106.81	20.00	3	129.81	2232	160.70	30.89 ^a	11.88
T ₄	Probiotic + Coriander	107.50	20.00	3	130.50	2196	158.11	27.61 ^b	8.60
T ₅	Chicory + Coriander	109.19	20.00	3	132.19	2191	157.75	25.56 ^c	6.55
T ₆	Probiotic + Chicory + Coriander	109.09	20.00	3	132.09	2187	157.46	25.37 ^c	6.36
SEM								0.857	
P-value								0.001	

* Sale price of broilers was taken as ₹72 / - per kg live weight; ** Vaccines, medicines and electricity, etc; Trt, Treatment.