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**Trial Conducted by Dr. Deshmukh and Dr. Singare**

**Field trial using NUTRIBION and BIOGROW in mash feed (Sept'16 – Oct'16)**

Treatment group	Treatment details	Dose	Replicates	No. of birds in each replicate	Total Birds
<b>T0</b>	Standard broiler ration (Control)		2	110	220
<b>T1</b>	T0 + NUTRIBION	300g/MT(Prestarter) 250g/MT(Starter) 200g/MT(Finisher)	2	110	220
<b>T2</b>	98 % (of ME, Protein) of T0 + NUTRITBION	300g/MT(Prestarter) 250g/MT(Starter) 200g/MT(Finisher)	2	110	220
<b>T3</b>	BIOGROW (Noble Research Product – NUTRIBION + GUT INT)	200g/MT	2	110	220
			<b>8</b>		<b>880</b>

**Effect of addition of BIOGROW & NUTRIBION on performance in Broilers at the end of trial**

Date	Age in weeks	Parameters	Treatments			
			T0	T1	T2	T3
<b>26-Sep-16</b> <b>T0</b> <b>2-Oct-16</b>	6 TH WK	Average body weight (g)	2323.5	2408	2359.5	2479
		Cumulative FCR	1.70	1.69	1.70	1.66
		Cumulative mortality %	2.27	2.72	2.22	2.27

**NUTRIBION Economics**

Parameter	Control	NUTRIBION Top Up	98% ME-PROT	BIOGROW Top Up
<b>ME Kcal (Avg of Pre starter, starter and finisher)</b>	3081	3081	3019	3081
<b>C.P (Avg of Pre starter, starter and finisher)</b>	19.75	19.75	19.35	19.75
<b>Feed cost in Rs. (Avg of Pre starter, starter and finisher)</b>	27.17	27.24	26.37	27.24
<b>Average body wt. (g)</b>	2323	2408	2359	2479
<b>Cumulative FCR</b>	1.70	1.69	1.70	1.66
<b>Feed cost to product 1kg broiler meat (Rs)</b>	46.18	46	44.82	45.21

**Conclusion:**

1. By using NUTRIBION as a top up , we can expect increase in body weight gain by about 60-80g per bird. We can also expect improved FCR by about 0.01 – 0.02 points.
2. By using BIOGROW (combination of NUTRIBION + GUTINT) we can reduce 2% C.P & ME. The matrix can be used M.E – 70000 Kcal and C.P – 800. This use of matrix will further reduce the feed cost and improve the profitability.
3. Considering the production economics - 2% reduction in ME and Protein and adding Nutribion, giving better weight gain as well as less feed cost to produce 1 kg body weight.