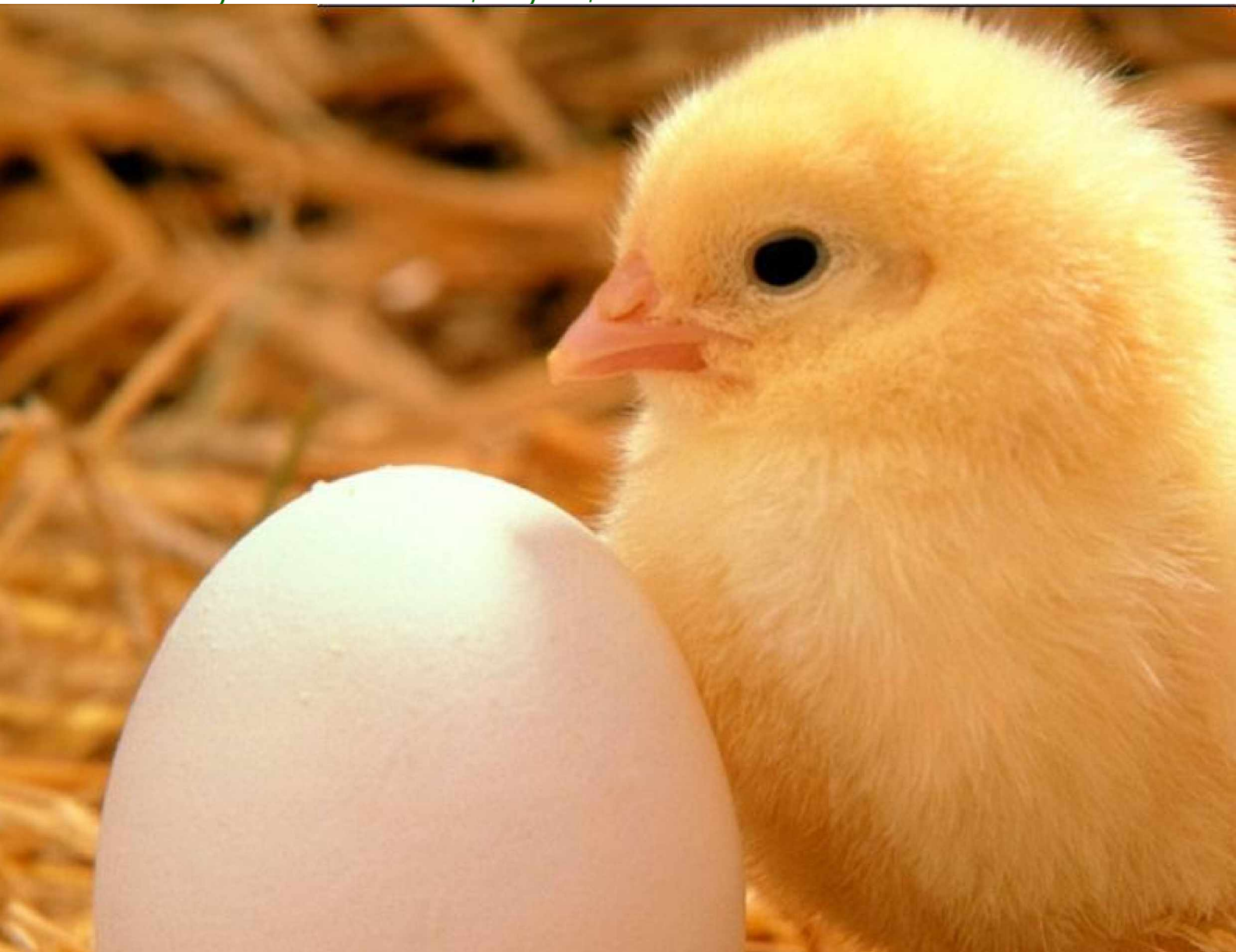


BioPlus 2B
Efficacy Trials - Broilers, Layers, Breeders



Trials of BioPlus 2B in Wadi Holdings

Introduction:

Under the banner of Wadi Holdings are 10 companies in 3 product divisions. The poultry division works in raising, breeding, hatching and selling day old chicks (broilers, layers, breeders). They have excellent experimental farms especially for trials and all their results are given to the Veterinarian Supervisors who have the responsibility after sale. These trials were done with Dr. Abbas Al Hussieny who has a PHD in Poultry Disease and is responsible for the experimental Farms.

Trials:

In Group 2 the Lincospectin was taken via water. The Program was as follows:

Lincospectin was given on the 2nd, 3rd and 4th days with dose 0.75/ltr all day and night.
Lincospectin was given on the 9th, 10th and 11th days with dose 0.75/ltr all day and night.
Lincospectin was given on the 19th, 20th and 21st days with dose 0.75/ltr all day and night.

All 4 groups were given antioxidial clopidol in starter and monensin in grower and finisher.

No treatment of any kind was given during the round.

Formulation of Feed used in this trial:

Raw Material	Starter	Grower	Finisher
<i>Yellow Corn</i>	554	572	599
<i>Soya Meal Bean 48%</i>	378	336	292
<i>Mono Calcium Ph.</i>	18	16.2	15.2
<i>Lime Stone</i>	15.2	13.5	13.2
<i>Premix</i>	3	3	3
<i>Salt</i>	3	3	3
<i>Lysine</i>	1.3	0.6	
<i>Methionine 99%</i>	3	2.4	1.5
<i>Oil</i>	21	50	70
<i>Choline cholride</i>	1	0.8	0.6
<i>Na carbonate</i>	1	1	1
<i>k. cal.</i>	2900	3100	3250
<i>protein</i>	23%	21%	19%

N.B. ----- ND titers against ND disease all groups were 6.4 at one day old

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And on 26th DAY Gr1 was 5.3 Gr2 was 5.3 Gr3 was 5.5 and Gr4 was 5.1

Age in weeks	week 1	week 2	week 3	week 4	week 5
	Cum.mort%	Cum.mort%	Cum.mort%	Cum.mort%	Cum.mort%
BioPlus 2B. 400	0.91	1.54	1.92	2.26	2.60
Linco.	0.53	1.15	1.30	1.35	1.54
BioPlus 2B 1000	0.57	1.23	1.54	1.75	2.46
Control	1.27	1.89	2.28	2.54	3.29

	Body wt. (g)	Body wt. (g)	Body wt. (g)	Body wt. (g)	Body wt. (g)
BioPlus 2B 400	176	414	727	1123	1512
Linco.	175	416	763	1191	1508
BioPlus 2B 1000	175	418	766	1150	1509
*STD	162	422	795	1279	1826
Control	176	427	791	1163	1481

	Cum. Feed (g)	Cum. Feed (g)	Cum. Feed (g)	Cum. Feed (g)	Cum. Feed (g)
BioPlus 2B 400 G1	152	543	1127	1835	2688
Linco. G2	149	524	1097	1825	2675
BioPlus 2B 1000 G 3	151	534	1128	1832	2672
*STD	139	462	1024	1849	2877
Control G4	149	541	1133	1821	2607

	Cum. FCR	Cum. FCR	Cum. FCR	Cum. FCR	Cum. FCR
BioPlus 2B 400 G1	0.86	1.31	1.55	1.63	1.78
Linco.G2	0.85	1.26	1.44	1.53	1.77
BioPlus 2B 1000 G3	0.86	1.28	1.47	1.59	1.77
*STD	0.86	1.09	1.29	1.45	1.58
Control G4	0.85	1.27	1.43	1.57	1.76

	Av. Daily gain	Av. Daily gain	Av. Daily gain	Av. Daily gain	Av. Daily gain
BioPlus 2B 400 G1	25.14	29.57	34.62	40.11	43.20
Linco. G2	25.00	29.71	36.33	42.54	43.09
BioPlus 2B 1000 G3	25.00	29.86	36.48	41.07	43.11
*STD	23.00	30.00	38.00	46.00	52.00

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Control G4	25.14	30.50	37.67	41.54	42.31
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	EEF*
BioPlus 2B 400 G1	232
Linco. G2	238
BioPlus 2B 1000 G3	233
Control G4	229

* EEF : (European Efficient Factor)

Additions in each group	
G1	SBM 48 + used vegetable oil + BioPlus2B 400 gm /ton (starter) & 200 gm (grower & finisher)
G2	SBM 48 + used vegetable oil + lincospectin
G3	SBM 48 + used vegetable oil + BioPlus 2B 1 kgm / ton (starter) & 400 gm (grower & finisher)
G4	SBM 48 + used vegetable oil

No. of birds in each group	
G1	2012
G2	2040
G3	2218
G4	2204
Total	8474

*NB: STD means standard results as in the catalog

Additions in each group	
G1	SBM 48 + used vegetable oil + probiotic 400 gm /ton
G2	SBM 48 + used vegetable oil + lincospectin
G3	SBM 48 + used vegetable oil + probiotic 1 kgm / ton
G4	SBM 48 + used vegetable oil