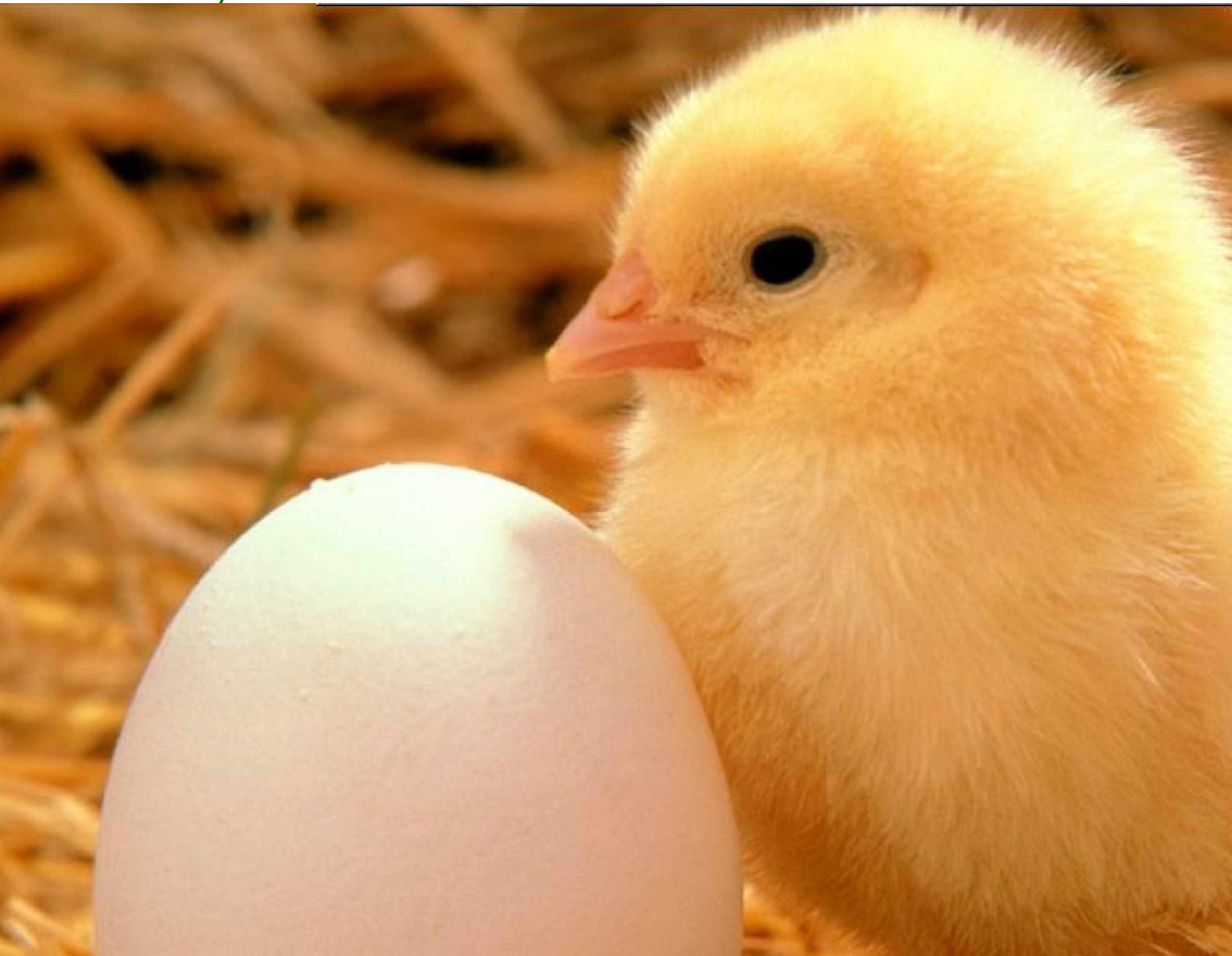


BioPlus 2B
Efficacy Trials - Broilers



*Study the effect of BioPlus 2B on broilers performance
(Arian breed)*

Location:

Research Institute of veterinary faculty, University of tehran, Tehran, Iran.

Period of trial:

49 days.

Materials and methods:

Two dietary treatments were assigned to 2 groups of one day old male broiler chicks housed in battery – brooder cages . Broiler chicks were fed diets containing 0(control) and one kg BioPlus 2B per ton for a total of 360 Arian one day old broilers were assigned to battery cages at 30 birds per cage, with 6 cage replicates for each of the two dietary treatments. Feed was in mash form and offered ad-libitum.

Ingredients and analysis of diets

Ingredients (%)	Starter	Grower - Finisher
Corn	61.23	67.83
Soybean meal (44%)	29.04	23.04
Fish meal (62%)	5	4
Fat powder	1	2
MCP	1.21	1.17
Oyster shell	1.65	0.99
DL-Methionin	0.22	0.24
Salt	0.15	0.23
Vitamin & Mineral premix	0.5	0.5

Analysis

ME(Kcal/kg)	2900	3000
CP(%)	21	18

Results:

<i>Age (day)</i>	<i>Treatment</i>	<i>Body weight (g)</i>	<i>Feed intake (g)</i>	<i>Feed conversion ratio</i>
<i>0 - 21</i>	Control	535.6 b	940.6 a	1.756 a
	BioPlus 2B	554.5 a	890.7 b	1.605 b
<i>0 - 42</i>	Control	1815.5	3696.9	2.052
	BioPlus 2B	1834.5	3630.2	1.974
<i>0 - 49</i>	Control	2143.8	4662.8	2.184
	BioPlus 2B	2228.4	4583.8	2.053

BioPlus 2B (1 Kg per ton) significantly increased body weight gain in 1–21 days ($p < 0.05$) and significantly decreased feed intake and improved feed conversion ratio in 1-21 days ($p < 0.05$).

Although the differences between treatments in 0-42 and 0-49 days were not significant, but these results represent very good performance in diets with BioPlus 2B.