

## GalliPro®

## Efficacy Trial in Broilers

Brazil - Universidade Federal do Paraná

**Trial description**

A study with GalliPro in broilers was carried out at Universidade Federal do Paraná. A total of 1200 Ross 308 male broiler chickens were allocated to three different groups supplemented with either 500g\* GalliPro per tonne final feed during the whole birds life or 10 ppm Avilamycin from day 1 to 35. Salinomycin (66 ppm) was added to all diets to prevent coccidiosis from day 1 to 35. Ten replicates per treatment were used. Trial duration was from 0 to 42 days of age.

The composition of the diets used in this trial is given below in Table 1.

**Table 1. Feed composition**

	Starter 0-21 days	Grower 22-35 days	Finisher 36-42 days
<b>Ingredients, (%)</b>			
Corn	55.3	62.7	63.2
Soybean meal	37.5	28.2	30.7
Meal of animal	5.2	6.9	2.2
Chicken fat	-	0.4	2.0
Premix	2.0	1.8	1.9
<b>Nutrients, (%)</b>			
AMEn, kcal/kg	3,100	3,200	3,250
Crude protein	22.0	20.0	18.2
Lysine	1.29	1.14	1.03
Met + Cys	0.98	0.88	0.79
Calcium	1.00	0.87	0.77
Available P	0.45	0.41	0.36

**Results & discussion**

Results obtained in this trial are presented below in table 2. Data was subject to an analysis of variance and Tukey's test.

**Table 2. Results for bird performance**

	Control	GalliPro	AGP
Start weight, g	44.4	42	44
End weight, g	2759	2750	2663
<b>Diff. from Control</b>	-	<b>-0.3%</b>	<b>-3.5%</b>
Total Feed intake, g	4412 <sup>a</sup>	4356 <sup>ab</sup>	4102 <sup>b</sup>
Total weight gain, g	2715	2708	2619
FCR g/g	1.624 <sup>a</sup>	1.594 <sup>b</sup>	1.566 <sup>c</sup>
<b>Diff. from Control</b>	-	<b>-1.8%</b>	<b>-3.6%</b>

<sup>abc</sup>: (P<0.05)

Supplementation with GalliPro significantly (P<0.05) improved the feed conversion rate. Compared avilamycin the final weight was numerically improved.

**Conclusion**

In this study, the supplementation of GalliPro to corn soya based diets showed that the weight gain was unaffected but the feed conversion was significantly reduced.

It can be concluded that GalliPro improves feed conversion and at the same time maintains the weight gain.

\* 8 x 10<sup>5</sup> CFU/g feed