

## Efficacy Trial in Broilers

Hungary - Institute of Small Animal Research,  
Gödöllő**Trial description**

A study with GalliPro in broilers was carried out at the Institute of Small Animal Research at Gödöllő in Hungary. A total of 1400 Ross 308 mixed sex broiler chickens was allocated to either an untreated control group or groups supplemented with 1000 g\* GalliPro per ton of feed. No antibiotics or coccidiostats were used in this study. Eight replicates per treatment were used. Trial duration was from 0 to 42 days of age.

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

**Table 1. Feed composition**

	0-42 days of age
<b>Ingredients (%)</b>	
Maize	45.0
Wheat	20.0
Soybean meal	18.5
Fullfat soybeans	13.5
Premix	3.0
<b>Nutrients</b>	
ME, MJ/kg	12.7
Crude protein, %	20.0
Crude fat, %	7.2
Tot. Lysine, %	1.15
Tot. Methionine, %	0.46
Calcium, %	0.85
Total P, %	0.63

**Results & discussion**

Results obtained in this trial are presented in table 2.

**Table 2. Results for animal performance**

	Control	GalliPro
Start weight, g	43.3	43.3
End weight, g	2272 <sup>a</sup>	2438 <sup>b</sup>
<b>Diff. from Control</b>	-	<b>7.3%</b>
Feed intake, g	4325	4450
Weight gain, g	2229	2395
Feed conversion	1.94	1.86
<b>Diff. from Control</b>	-	<b>-4.1%</b>

a,b: Means with different superscript differ significantly (P<0.05)

Supplementation with the GalliPro improved the final bodyweight significantly (P<0.05) by more than 7 percent. The feed conversion ratio was numerically improved by 4% in the group treated with GalliPro.

**Conclusion**

It can be concluded that GalliPro improves weight gain and feed conversion ratio when added to a maize and wheat based diets.

\*:  $1.6 \times 10^6$  CFU/g feed