CHR. HANSEN

GalliPro®

Efficacy Trial in Broilers
Spain - IMASDE

Trial description
A study with GalliPro in broilers was carried out by IMASDE. A total of 1680 Ross 308 male broiler chickens were allocated to either an untreated control group or groups supplemented with GalliPro in two different dosages, i.e. 500g/ton* and 1000g/ton** of feed. No antibiotics or coccidiostats were used in this study. Eight replicates per treatment were used. Trial duration was from 0 to 35 days of age.

A two stage-feeding schedule was used.
The composition of the wheat and maize based diets used in this trial is given below in Table 1.

Table 1. Feed composition

	Starter 0-14 days	Finisher 14-35 days
Ingredients (%)		
Wheat	41.4	58.3
Maize	15	-
Soybean meal, 47%	35	31.3
Animal fat	4.6	6.8
Premix	4	3.6
Nutrients		
AMEn, kcal/kg	2998	3150
Crude protein, %	22.5	21.5
Ether extract, %	6.4	8.3
Starch, %	34.3	34.8
Tot. lysine, %	1.32	1.19
Tot. Methionine, %	0.58	0.52
Calcium, %	0.95	0.90
Total P, %	0.70	0.66

Results & discussion
Results obtained in this trial are presented in table 2. Data was analyzed as a completely randomized design by GLM.

Table 2. Results for animal performance

	Control	GalliPro 500g/ton	GalliPro 1000g/ton
Start weight,g	48	47.6	47.4
End weight, g	1974	1995	1995
Diff. from Control	**-**	***1.1%***	***1.1%***
Feed intake, g	3458	3462	3402
Weight gain, g	1925	1946	1946
FCR g/g	1.80	1.78	1.75^{α}
Diff. from Control	**-**	***-1.1%***	***-2.8***

α: P=0.056

Supplementation with GalliPro tended to improve the feed conversion ratio (P=0.056). A non-significant increase of 1% in the final bodyweight was furthermore observed.

Conclusion
GalliPro numerically improved both chicken weight gain and feed conversion numerically.

**: $8x10^5$ CFU/g **:$1.6x10^6$ CFU/g*

Chr. Hansen A/S -10-12 Bøge Allé – DK-2970 Hørsholm, Denmark - Phone: +45 45 74 74 74 - Fax: +45 45 74 88 88 - www.chr-hansen.com

The information contained herein is to our knowledge true and correct, and presented in good faith. However, no warranty, guarantee or freedom from patent infringement is implied or inferred. This information is offered solely for your consideration and verification, and may not be duplicated or used in any other form without Chr. Hansen's prior written consent