



Flavomycin®

Controlled performances trial with Flavomycin®

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Objective: Compare the performances of Flavomycin® next to generic flavophospholipol and other growth promoters.

Study design: 168 one-day-old male Arbor Acres broilers were used in this trial divided in 4 treatment groups with 6 replicates and 7 chicks per cage.

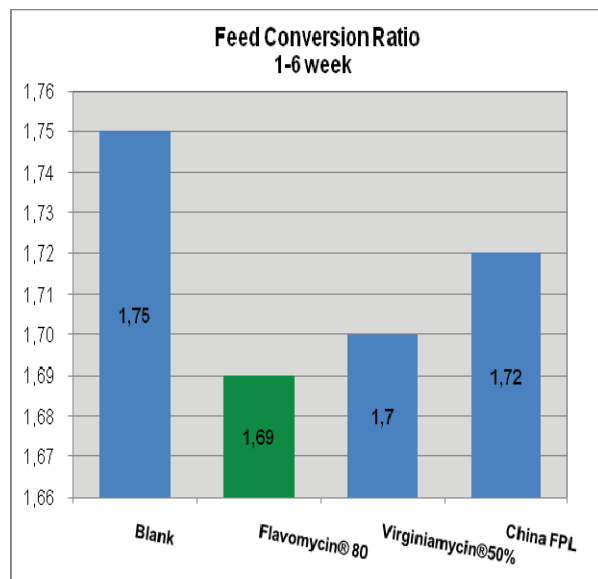
Experiment design and diet: Four diets corn-soybean based feed were fed. On day 21 and 42, one bird per pen was randomly selected and euthanized for sampling and morphological examination. Birds have received Flavomycin®, Virginiamycin® and generic flavophospholipol from day 1 till day 42.

Experimental design of the study

Product name	Blank	Flavomycin® 80	Virginiamycin®	Flavophospholipol
Source & Manufacturer	-	Huvepharma	PhiBro	Chinese
Dosage	-	5 ppm	20ppm	5ppm

Results and Discussions:

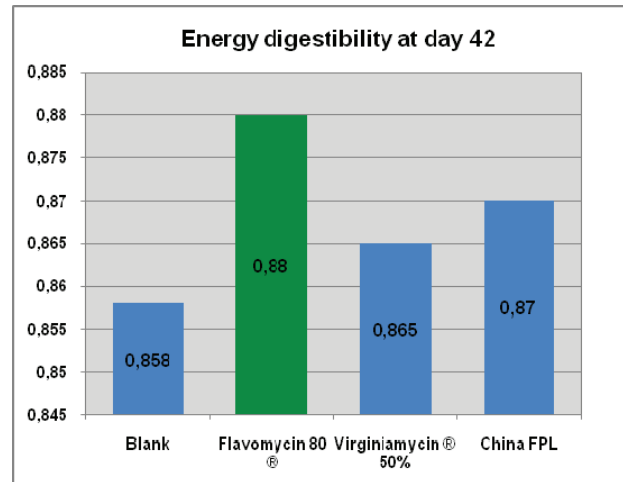
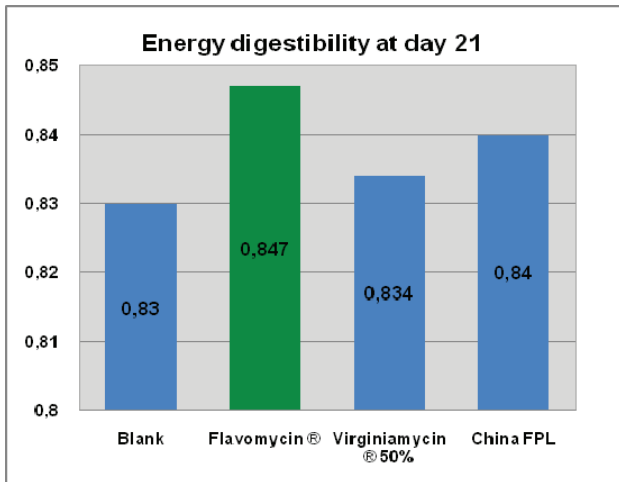
Feed Conversion ratio in different treatment groups



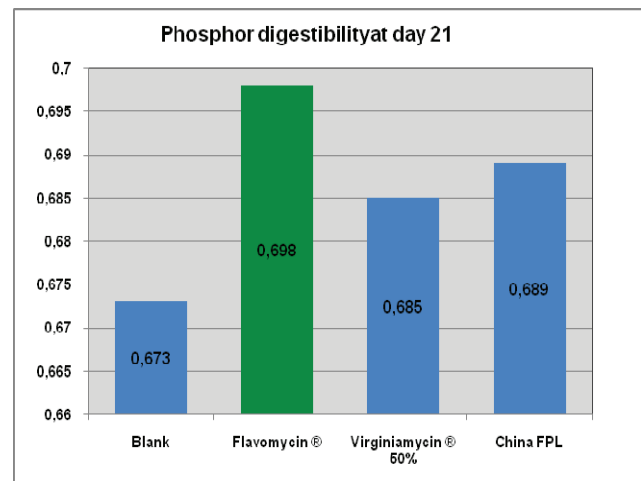
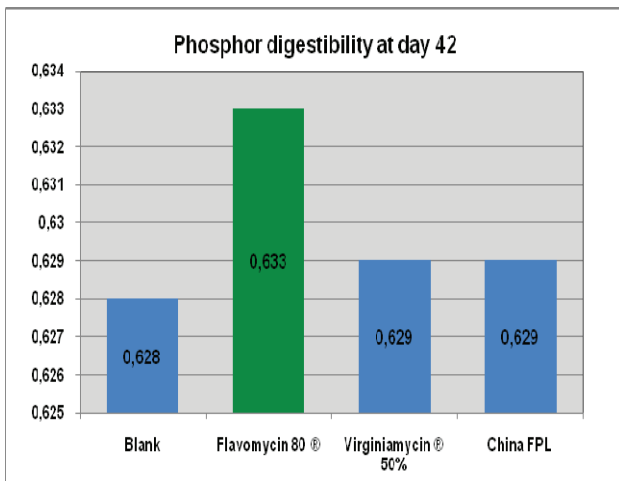
Effect of different treatment groups on digestibility

	Treatment 1 Blank	Treatment 2 Flavomycin®	Treatment 3 Virginiamycin®	Treatment 4 China FPL
d 21				
DM	0.767±0.022	0.794±0.022	0.778±0.021	0.787±0.025
Energy	0.830±0.010 _b	0.847±0.016^a	0.834±0.011 ^b	0.840±0.009 _{ab}
CP	0.669±0.015 _b	0.694±0.011^a	0.672±0.030 ^{ab}	0.685±0.017 _{ab}
Ca	0.635±0.031	0.654±0.034	0.645±0.025	0.650±0.021
P	0.673±0.041	0.698±0.034	0.685±0.043	0.689±0.055
d 42				
DM	0.821±0.015	0.835±0.018	0.822±0.024	0.827±0.020
Energy	0.858±0.017 _b	0.880±0.014^a	0.865±0.015 ^{ab}	0.870±0.016 _{ab}
CP	0.774±0.025 _b	0.806±0.008^a	0.788±0.032 ^{ab}	0.791±0.017 _{ab}
Ca	0.544±0.024	0.554±0.039	0.545±0.082	0.541±0.070
P	0.628±0.018	0.633±0.040	0.629±0.044	0.629±0.021

Results from different treatments on energy digestibility in broilers



Results from different treatments on phosphor digestibility in broilers



Conclusions

Flavomycin® 80 is still the most performing growth promoter in technical and economical results

Extra features :

- Highest levels of energy digestibility during trial period 1- 42 days
- Contributes to a better digestibility of Phosphorus