Flavomycin®

Efficacy in field trial

Objective: The efficacy of Flavomycin® in broilers under field conditions next to generic flavophospholipol and other performance enhancing products[1].

Study design: 350 one-day-old male Arbor Acres broilers were used in this trial divided in 5 treatment groups. There were 10 replicate pens per treatment, with 7 birds per pen.

Trail design: The trial was conducted in 2 phases consisting of a starter phase from 1 to 21 and a finisher phase from day 22 to 42. Birds received Flavomycin®, Virginiamycin, Enramycin and Generic Flavophospholipol from day 1 through day 42.

Treatments:

Treatment group	Dosage	Period
Blank		From 1 day until 42 day
Flavomycin®	5 ppm	From 1 day until 42 day
Enramycin	5 ppm	From 1 day until 42 day
Virginiamycin	20 ppm	From 1 day until 42 day
China FPL	5 ppm	From 1 day until 42 day

[1]Licui Chu , Hongyu Chen, Zhikai Zeng and Xiangshu Piao
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RESULTS AND DISCUSSIONS:

Performance parameters – 1 – 6 week

treatment / parameters	Flavomycin® 80	Enramycin	Virginiamycin	China FPL	Blank	SEM	P value
ADG , g/d	44.12	43.95	42.32	43.90	43.81	0.79	0.49
BW 42 d , g	1898.27	1891.24	1822.74	1888.98	1885.46	33.05	0.49
ADFI, g/d	71.69^{c}	76.17^{b}	82.30^{a}	80.34^{a}	74.26^{bc}	1.29	< 0.0001
Feed / Gain	1.63^{c}	1.74^{bc}	1.95^{a}	1.84^{ab}	1.71^{c}	0.04	< 0.0001

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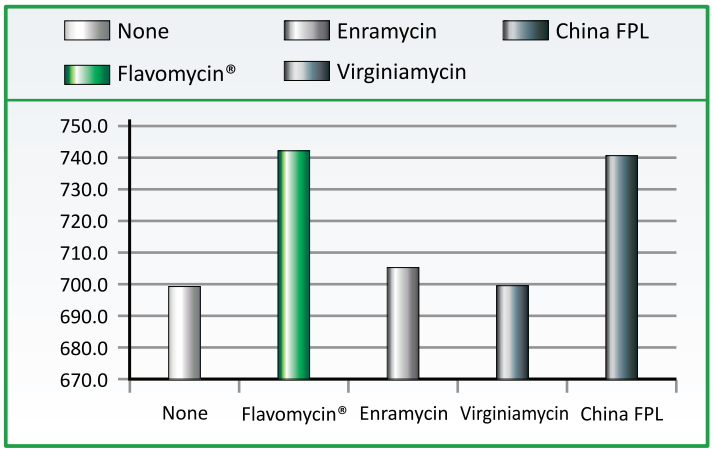
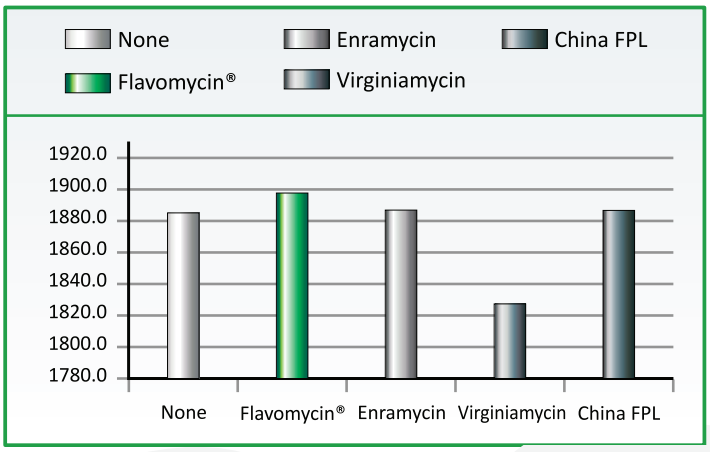
Effect of different treatments on weight gain

Weight Gain in grams 1 – 21 days

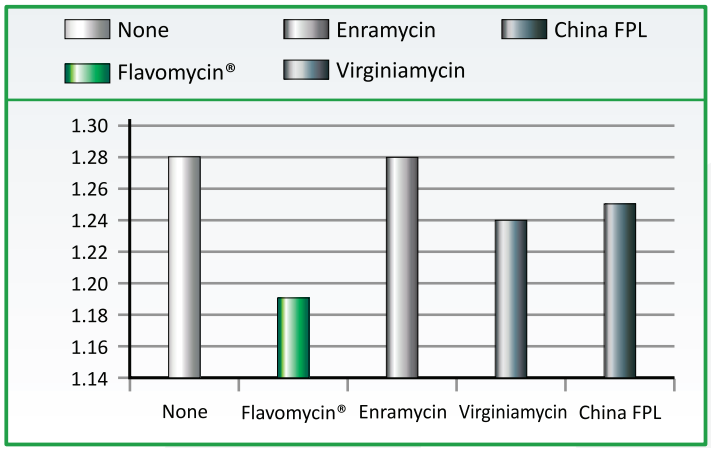


Weight Gain in grams 1 – 42 days

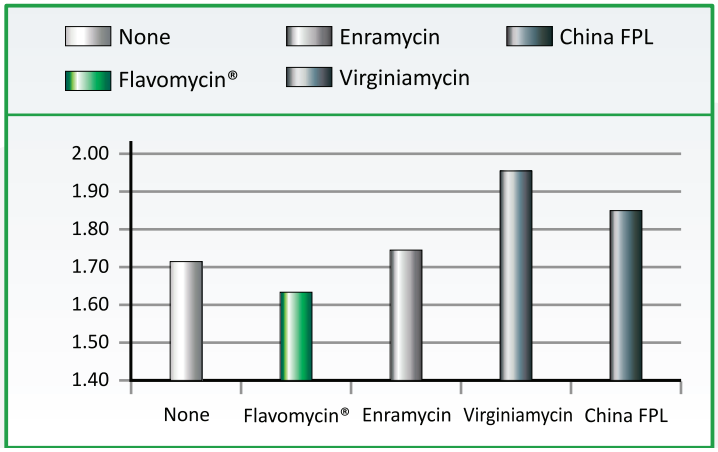


Effect of different treatments on feed / gain ratio

Feed / Gain ratio 1 – 21 days



Feed / Gain ratio 1 – 42 days



Conclusions:

Flavomycin® used in a dose of 5 ppm clearly indicates the best results in body weight gain and feed to gain ratio compared with the negative control group and the other performance enhancing products.