

BioPlus 2B
Efficacy Trials - Broilers



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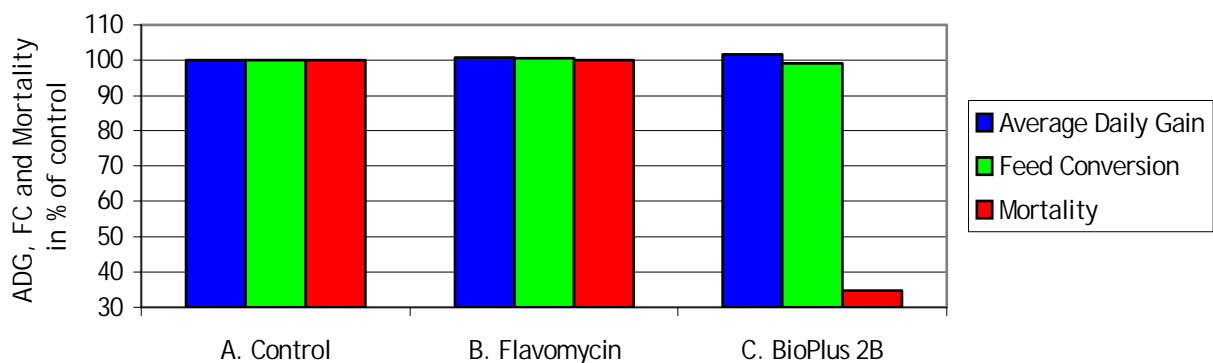
Broilers, China

A feeding trial with BioPlus 2B for broilers has been performed in Heping, China (1997). A total of 450 one-day old Hubbert broilers were randomly divided into three groups. During the experimental period, feed and water were administered ad libitum, and all groups housed in the same room at a constant temperature and humidity. Broilers treated with either A. a commercial feed (control), B. same feed added flavomycin or C. same feed added 800 g BioPlus 2B/tonnes feed. The following results were obtained:

The weight increases (g) at different intervals (days)						
Days	21	28	35	42	49	56
A. Control	607	950	1,340	1,762	2,112	2,667
B. Flavomycin	587	945	1,350	1,767	2,112	2,687*
C. BioPlus 2B	602*	1,062*	1,400	1,862*	2,212*	2,712*

*Weight increases are significantly different from control ($p < 0.05$).

The number of died broilers, mortality and feed conversion index					
	Mortality %	Average Daily Gain		Feed Conversion	
		(g)	% of control	(kg/kg)	% of control
A. Control	15.3	47.61	-	2.24	
B. Flavomycin	15.3	47.96	+ 0.7	2.25	+ 0.4
C. BioPlus 2B	5.3	48.4	+ 1.7	2.22	- 0.9



The daily gain of the BioPlus 2B group was increased by 1.7% compared to the control group. The mortality was significantly ($p < 0.05$) lower for the BioPlus 2B group than the control group (8 broilers compared to 23 or 65% lower). The feed conversion was improved by 0.9%.