

China: BioAktiv Increases Broiler Farmer's Income by 27-42%

China BioAktiv distributor Gansu Longtai Green Non-Antibiotic Breeding Co., Ltd. collaborating with Gansu Province Animal Husbandry Technology Promotion Head Office carried out two trials using BioAktiv Professional Salis in Kongliang Broiler Farm in Yuzhong District, Gansu Province from 20 June to 28 September 2019.

生跃饮用水动物增长剂肉鸡饲养试验总结报告

试验地点: 榆中县孔亮肉鸡养殖场
 执行单位: 甘肃省畜牧技术推广总站
 试验负责人: 关云斌
 试验人员: 刘陇生 钱续 杜兰霞
 时 间: 2019 年



The original report

Kongliang Broiler Farm

In the first trial, the breed used was 麻六 (Maliu or Jute 6). All 55-day old males were used, 1,354 in test group and 1,386 in control group. Each group was reared on a raised bed separated by a central walkway in a house. The test group broilers were treated with 0.01% BioAktiv solution while the control group broilers were not. Sample weighing was done on the eighth day of the trial. The trial lasted 30 days until all the broilers were sold.

| Parameter | BioAktiv | Control | Difference |
|------------------------|--------------------|--------------------|-------------|
| Initial broiler number | 1,354 | 1,386 | |
| Final broiler number | 1,330 | 1,359 | |
| Survival rate (%) | 98.23 | 98.05 | 0.18 (0.2%) |
| Average daily gain (g) | 47.51 ^a | 43.66 ^b | 3.85 (8.8%) |
| Total weight gain (kg) | 1,576 | 1,522 | |
| Feed consumed (kg) | 4,730 | 4,930 | |
| Feed conversion ratio | 3.00 | 3.24 | -0.24(-7%) |

a,b – statistically significant (P < 0.05)

The table above shows that BioAktiv improved the broiler survival rate by 0.18%, increased average daily gain by 3.85 g (8.8%) with statistical significance and improved feed conversion ratio by 0.24 (7%). Based on an initial broiler number of 1,400 for both groups, it was found that BioAktiv provided an extra income of ¥1,868.70, about 27% of the earnings of control group (¥6,874.36) and a return on investment or ROI of 4.67.

The second trial, similar to the first one, was carried out in another house. The breed 英国红 (English Red) and all males were used, 1,530 in test group and 1,400 in control group. Starting at the age of nine days, test group chicks were treated with 0.01% BioAktiv solution while control group broilers were not. The trial lasted 88 days until all the broilers were sold.

| Parameter | BioAktiv | Control | Difference |
|------------------------|----------|---------|--------------|
| Initial broiler number | 1,530 | 1,400 | |
| Final broiler number | 1,474 | 1,339 | |
| Survival rate (%) | 96.34 | 95.64 | 0.70 (0.7%) |
| Average daily gain (g) | 33.74 | 30.70 | 3.04 (10%) |
| Total weight gain (kg) | 4,314 | 3,555 | |
| Feed consumed (kg) | 10,088 | 10,021 | |
| Feed conversion ratio | 2.34 | 2.82 | -0.48 (-17%) |

The table above shows that BioAktiv improved the broiler survival rate by 0.7%, increased average daily gain by 3.04 g (10%) with statistical significance and improved feed conversion ratio by 0.48 (17%). Based on an initial broiler number of 1,500 for both groups, it was found that BioAktiv provided an extra income of ¥8,503.27, about 42% of the earnings of control group and a return on investment or ROI of 10.6.

[\[Original Chinese report\]](#)

[\[English extract\]](#)