



Flavomycin®

Use of Flavomycin® in broilers raised under controlled management

Trial description

1 Set-up

- **Location:** Federal University of Rio Grande do Sul State, Brazil
- **Animals:**
 - Cobb 500 broilers, male
 - 260 birds per treatment divided over 10 replicates
- **Feed:**
 - Prestarter: 0-7 days
 - Starter: 8-21 days
 - Grower: 22-35 days
 - Finisher: 36-42 days.Feed was mainly based on corn and soybean meal.

2 Treatments

- Control feed
- Control feed + 62.5 g Flavomycin® 80/mton of feed (5 ppm)

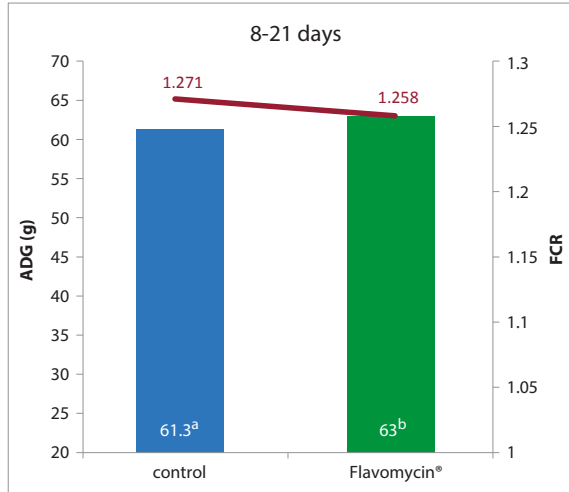
3 Measured parameters

- Average daily gain and feed conversion were determined after every feed change and at the end of the trial.
- Mortality was noted for the full period.
- Production cost for 1 kg of live weight was calculated by $[(\text{feed intake} * \text{price of diet}) / \text{body weight gain}]$.

Results

No differences in ADG and FCR were noticed during prestarter phase.

Fig. 1 Starter phase



Different letters mean significantly different at $p < 0.05$.

Fig. 2 Grower phase

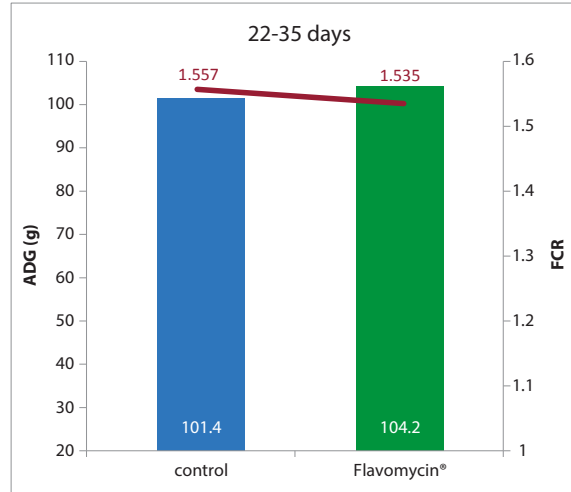


Fig. 3 Finisher phase

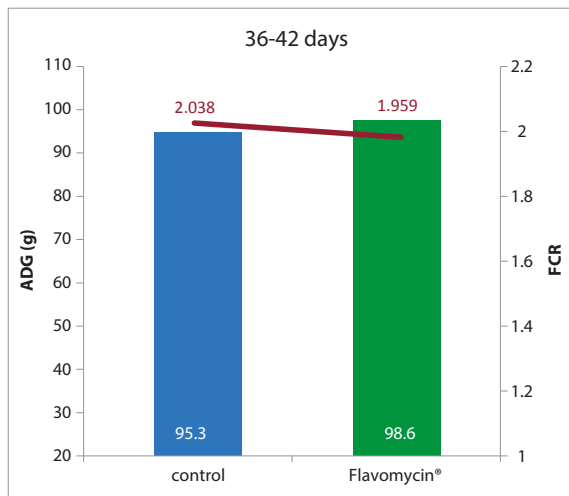
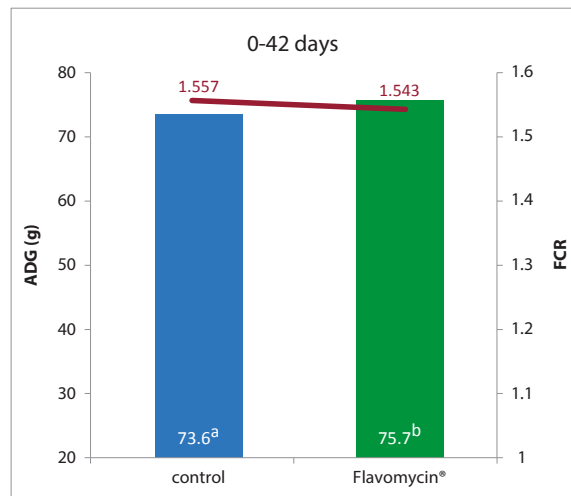


Fig. 4. Whole period



Different letters mean significantly different at $p < 0.05$.

Flavomycin® significantly increased daily weight gain during the starter phase (Fig. 1) and throughout the whole rearing period (Fig. 4)

- There was no difference in mortality. In both groups 8 birds (3%) died.
- Flavomycin® decreased production cost for 1 kg of live weight with 2% versus the control group.

Conclusion

Using Flavomycin® under controlled management is giving following economical benefits:

- an increase of ADG with 3%.
- a lower production cost of 2%