Effect of FeedStim® Supplementation on Broiler Performance under Condition of Heat Stress During the Finisher Period

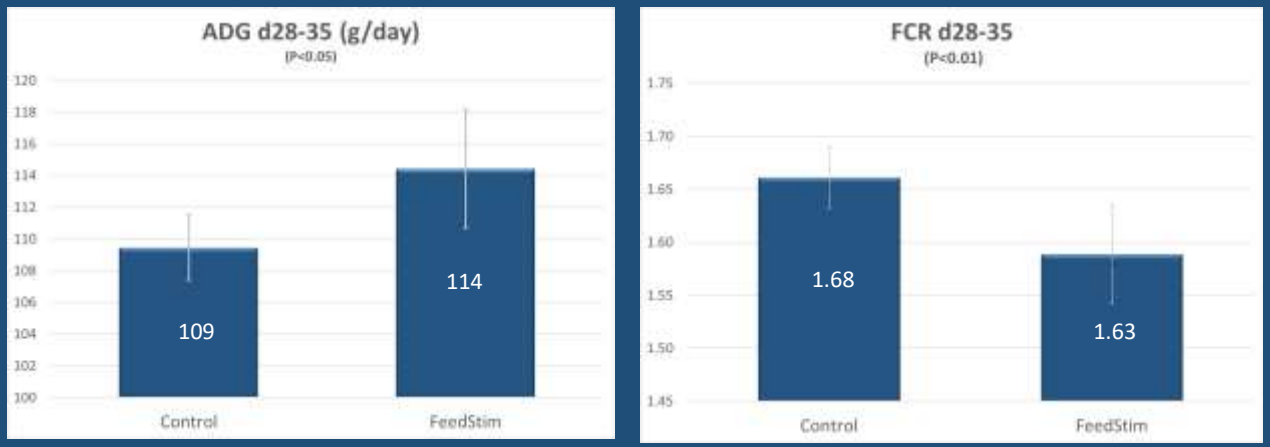
Trial Context:

Broilers exposed to heat stress show impaired performance and suffer from increased oxidative stress. This is particularly pronounced in the gastrointestinal tract and may lead to inflammation and challenge its function. In the present study we hypothesized that broiler performance would be improved in response to FeedStim.

Protocol

120 male ROSS 308 broilers were exposed to constant heat stress (29 ° C) during the finisher period (D28-D35). FeedStim solutions was compared to a negative control. Zootechnical parameters were monitored. In addition, at the end of the trial, necropsy was performed to assess gastrointestinal status with an in-house developed gastrointestinal system (data not shown).

Main results



Offering FeedStim improved Average Daily Gain (ADG) and Feed Conversion Ratio (FCR) during the heat stress period and improved intestinal status (data not shown).

Conclusions

- FeedStim supports broiler performance under heat stress
- This translates into improved ADG and FCR