



Study Objective



Evaluate the effects of dietary Zinpro Availa Zn supplementation on broiler performance and carcass characteristics.

Animals



240 one-day-old male Ross broilers

Treatments

A corn-soybean meal basal diet was supplemented with 40, 80 or 120 ppm Zn as either:

- Zn sulfate (ZnSO₄)
- Zinpro Availa Zn

Study Duration



42 days

Location



Ferdowsi University of Mashhad, Mashhad, Iran



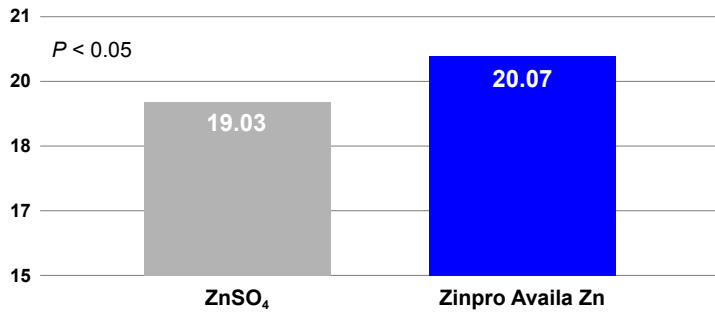
Results Summary

Feeding Zinpro Availa Zn to broilers had the following effects:

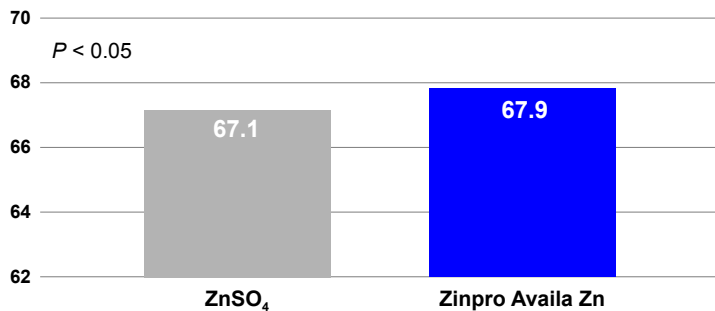
- Improved feed intake
- Improved body weight
- Increased average liver weight
- Based on breast meat yield results, the calculated ROI is more than 10:1 for a complex processing 1 million birds/week*

* USDA National Retail Report Chicken, March 13th, 2020

Average Breast Meat Yield, %



Average Carcass Yield, %



Publication

Jahanian, R., H. Nassiri Moghaddam, A. Rezaei, and A.R. Haghparast. 2008. The influence of dietary zinc-methionine substitution for zinc sulfate on broiler chick performance. J. Biol. Sci. 8(2): 321-327.

