

Effect of Availa®Zn on Broiler Chick Performance



Study Objective

Evaluate the effects of dietary 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 ($ZnSO_4$)
- Availa-Zn



Study Duration

42 days



Location

Ferdowsi University of Mashhad,
Mashhad, Iran

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IS-P-002

Results Summary

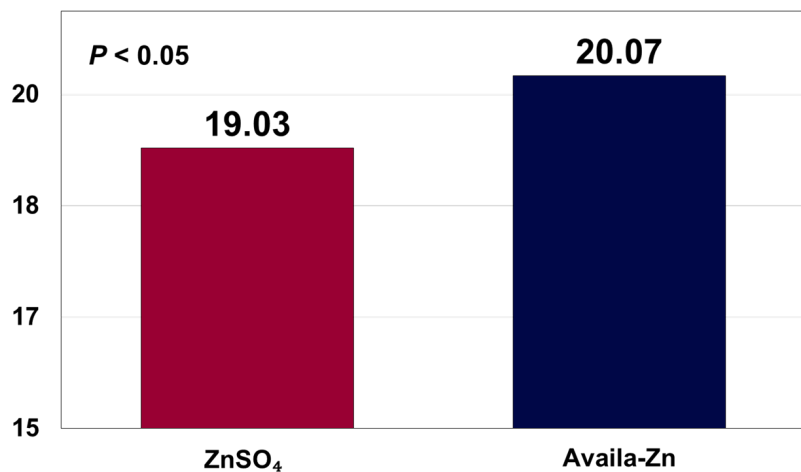
Feeding Availa-Zn had the following effects:

- 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*

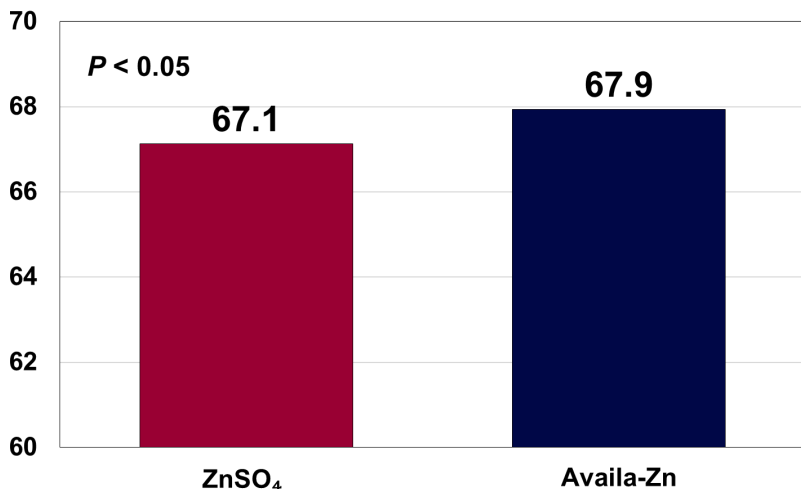


* USDA National Retail Report Chicken, March 13th, 2020

Availa-Zn Increased Average Breast Meat Yield, %



Availa-Zn Increased Average Carcass Yield, %



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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.