

Availa® Zn Improves Broiler Performance, Carcass Yield, and Skin Characteristics



Study Objective

Evaluate live performance, carcass and parts yields, skin characteristics, and meat quality of broilers fed ZnSO₄ or Availa® Zn.



Animals

1440 one-day-old Ross 708 broilers

Treatments

A corn-soybean meal basal diet was supplemented with:

- **Control:** 80 ppm Zn from Zn Sulfate (ZnSO₄)
- **AvZn Iso:** 40 ppm ZnSO₄ + 40 ppm Availa-Zn
- **AvZn On Top:** 40 ppm ZnSO₄ + 80 ppm Availa-Zn



Study Duration

49 days



Location

Auburn University, AL, USA



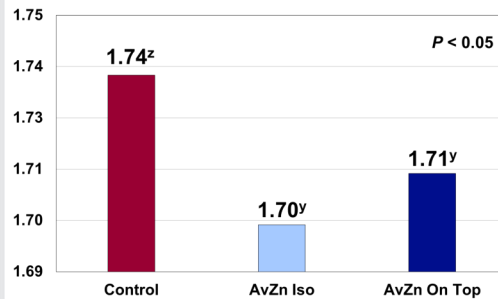
Results Summary

Feeding Availa-Zn had the following effects:

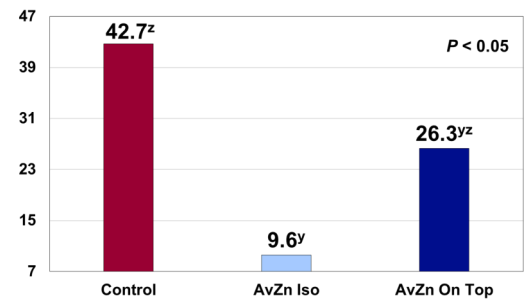
- Improved BW and FCR
- Decreased skin scores, scabs, and scratches lesions
- Reduced incidence of footpad dermatitis (FPD)
- Higher deboned fillet and total breast yields in the On Top Availa-Zn treatment compared to Control
- Based on whole bird retail sales, the calculated ROI is more than 8:1 for a complex processing 1 million birds/week*

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

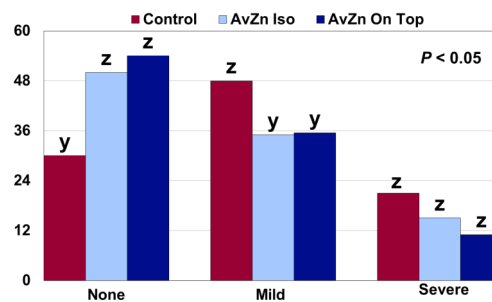
Availa-Zn Improved FCR



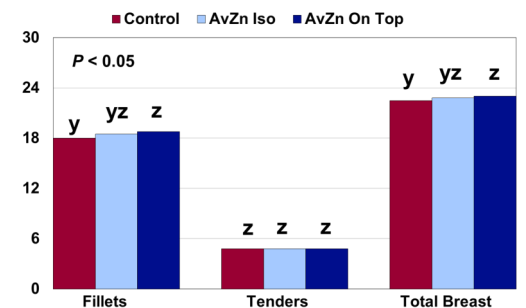
Availa-Zn Lowered Skin Lesions, %



Availa-Zn Reduced FPD Incidence, %



Availa-Zn Increased Breast Fillets and Total Breast Yields, %



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