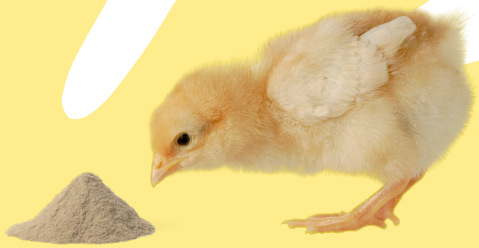
HAMLET PROTEIN®
a nuscience brand

HP AviStart: *Clean protein* for your chicks



ANF-clean soy protein

HP AviStart is a unique vegetable protein source that contains extremely low levels of the most harmful soy anti-nutritional factors (ANFs) for young chicks due to a cutting-edge gentle enzymatic treatment that does not damage the quality of protein.

HP AviStart vs. SBM; *beyond comparison!*

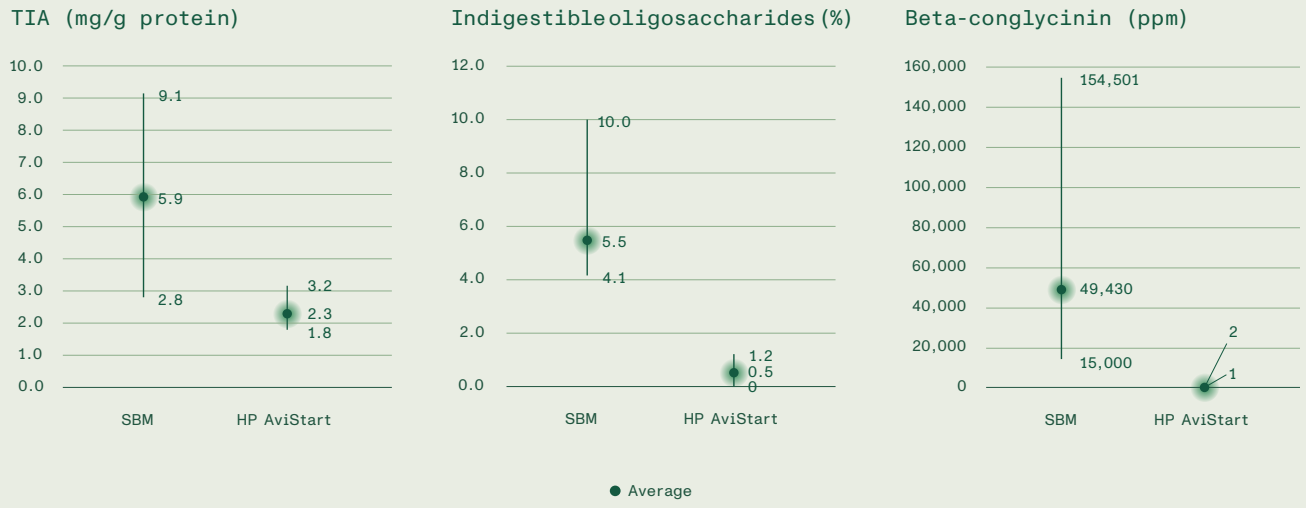


Figure 1. ANF content in soybean meal and HP AviStart.

The ANF content in HP AViStart is <1.8 mg TIA/g of product (<3.2mg/g of protein), ≤1.5% indigestible oligosaccharides and ≤3ppm betaconglycinin.

HP AviStart minimizes gut injuries due to soy ANF in young chicks. By replacing part of SBM in starter feed with HP AviStart, chicks benefit in different ways:

Benefits

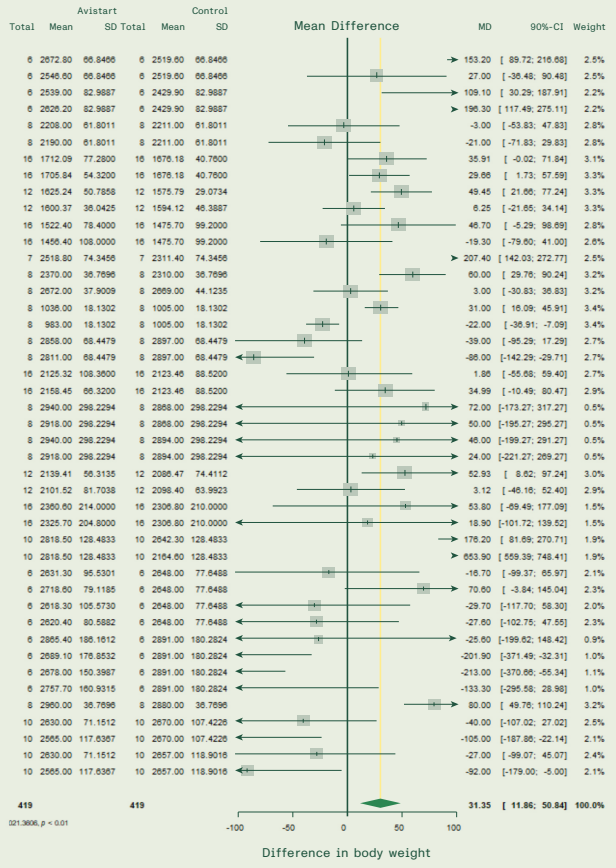
- ✓ Enhanced early development of intestinal epithelium
- ✓ Better nutrient digestibility throughout life
- ✓ Better gut condition against subclinical intestinal disorders
- ✓ Reduced litter moisture and footpad lesions incidence

Invest in your (pre-) starter feed protein and get more reward at the end

The positive effects of HP AviStart result in a significant improvement on chicken performance at the end of the production cycle. A meta-analysis of more than 40 comparisons between chicks fed with SBM + HP AviStart and chicks fed only SBM in the starter phase confirms this carry-over effect on performance (figure 2).

HP Avistart *in starter feed results in a carry-over effect on chicken performance!*

Body Weight Gain
(0 to 35/42 days)



FCR
(0 to 35/42 days)

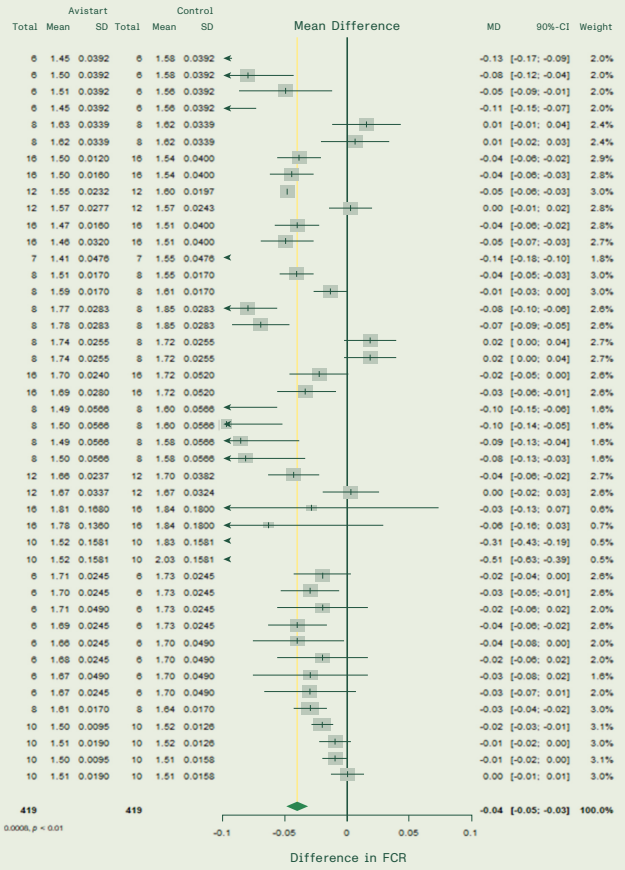


Figure 2. Meta-analysis results from chicken performance trials comparing HP AviStart-fed chicks with control chicks. The yellow lines in the figures show the difference between HP AviStart and control.

The inclusion of HP AviStart in starter feed significantly improves body weight gain between 0.5% and 2.2% and FCR between 1.8% and 3.1% at the end of the production cycle. This performance improvement with HP AviStart at market age always results in a ROI greater than 3:1!

ROI > 3:1

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Healthy Animals - Healthy Business
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