

HP 300 – the proof is in the performance

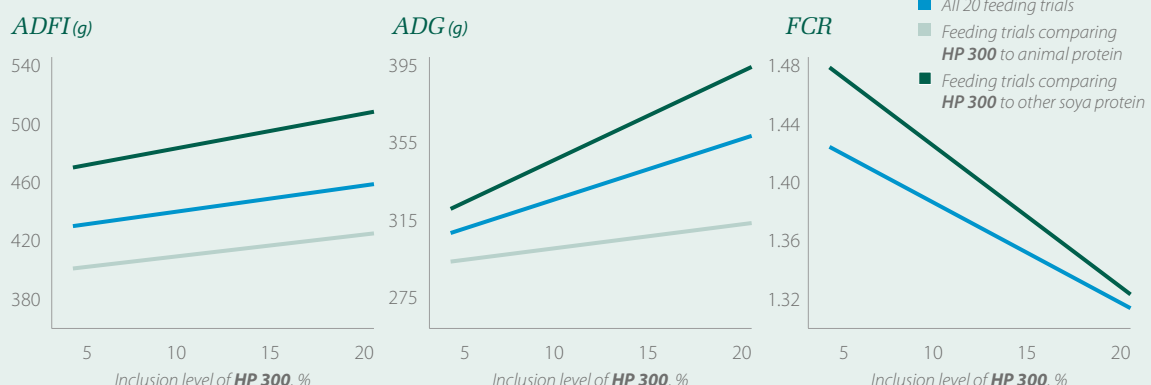
Results from 20 years of feeding trials are the proof. Addition of our flagship product **HP 300** to feed for weaning pigs secures a consistently better performance than other protein sources. Even after supplementation has ended, **HP 300** contributes to higher weight gain – maximising returns on your protein investment.

20 feeding trials across 10 countries have tested the effect of **HP 300** in feed for weaning pigs. At HAMLET PROTEIN, our analysis of the results confirms what our customers have long experienced: that feed containing our speciality soya protein really is more efficient than feed supplemented with other soya or animal-based proteins. **HP 300** is low in anti-nutritional factors (ANF), that are known to have a negative impact on feed digestibility and nutrient absorption. The lower the level of ANF, the greater the potential for fast and healthy piglet growth.

To confirm the value of **HP 300** addition, various feeding trials that had compared **HP 300** with a range of soya and animal-based protein sources were used in a meta-analysis to evaluate the difference between control diet and those using **HP 300**. Seven of the trials also investigated a post-supplementation effect of early diet on subsequent piglet performance.

The feeding trials measured three primary performance parameters: average daily feed intake (ADFI), average daily gain (ADG) and feed conversion ratio (FCR). The figures below show how each parameter improves when feed is supplemented with increasing doses of **HP 300**, ranging from 3.5% to 20%.

Performance – Impact of increased inclusion of **HP 300**



Note: Only shown for parameters where $P < 0.1$.

Performance example with 10% HP 300

Performance – 10% dosage of **HP 300**

Replacement of other soya or animal protein source

ADFI

+4.1%

ADG

+6.8%

FCR

-3.5%

Performance – 10% dosage of **HP 300**

Replacement of other soya protein

ADFI

+4.6%

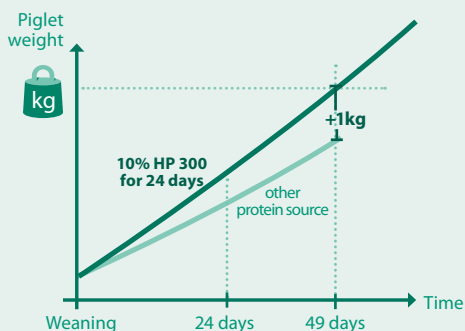
ADG

+8.8%

FCR

-3.4%

Carry-over effect of **HP 300**



Note: For every percent HP 300 received over the supplementation period, piglets gained an extra 0.1kg live body weight compared to the control during the post-supplementation period. At a dosage of 10% HP 300, up to 1kg extra weight gain was obtained in the nursery in total.

Facts on the feeding trials

- 20 feeding trials
- Across 10 countries
- All performed by external partners

The feeding trials compared **HP 300** with:

- Soya protein sources: soya bean meal, soya concentrate, full-fat soya, extruded soya
- Animal protein sources: skimmed milk powder, whey, blood plasma, fishmeal.

HP 300 – key findings

- Feed intake, weight gain and feed conversion ratio are significantly improved with increasing levels of **HP 300** in the nursery feed compared to other protein sources
- Piglet performance continues to improve even when supplementation of **HP 300** ends

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