



Schothorst Feed Research

Fattening pig research – practical farm

Technical characteristics of the experiments		
Number of rooms	18	18
Number of pens per room	8	8
Experimental unit	10 pigs / pen	10 pigs / pen
Number of treatments	2-6	2-6
Number of replicates	n=12	n=18
Least Significant Difference*:		
- daily feed intake (g)	63	52
- daily gain (g)	20	17
- feed conversion ratio	0.07	0.06
- meat percentage (%)	0.7	0.5

**reliable estimates ($P \leq 0.05$), based on the average results of earlier performed experiments*

SPECIFIC FEATURES

- Research on a practical scale making results comparable to practice and easily implementable on commercial farms.
- This accommodation consists of 18 rooms of 8 pens (total animal capacity 1440 pigs).
- Average performance data: daily gain 845 gram, EW-conversion 2.90, meat percentage 56.0%.
- Choice of two up to six treatments.
- Feeding according to a feeding scheme or *ad libitum*.
- Recording data per pen: feed intake, daily gain and feed conversion ratio.



SFR FACILITIES PRACTICAL SCALE



SPECIFIC ADVANTAGES

- Possibility of mixing and blending of basal experimental diets before delivering to the pens.
- Experimental diets can be 'home-made' feeds and delivered by the customer or can be manufactured in a specialized production unit under GMP* conditions. In the first option details of feed composition are not required.
- High statistical power resulting in low LSD values (see technical data).
- Additional experimental data except feed intake, daily gain and feed conversion:
 - Graphical presentation of actual daily feed intake per treatment during whole fattening period.
 - Carcass quality parameters of individual pigs: carcass weight, dressing percentage, meat percentage, thickness of muscle and backfat at slaughter, carcass classification (type AA, A or B).
 - All health disorders and medical treatments are monitored per individual animal.

Schothorst Feed Research B.V.
Meerkoetenweg 26
PO BOX 533
8200 AM Lelystad
The Netherlands

Tel: +31 320 25 22 94
Fax: +31 320 25 50 30
E-mail: info@schothorst.nl
Web: www.schothorst.nl



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