

General information

- 1200 experimental piglet places
- Small pens for research purposes: **6 piglets per pen**
- Homogeneous groups of piglets: selection based on body weight and gender
- Type of experiments:
 - comparative experiments
 - dose-response study
 - registration or tolerance experiments (conform EU standards)
- Experiments performed with **2 to 8 treatment groups**
- Start of experiment at day of weaning, duration **4 to 6 weeks post-weaning**
- Weaning age approx. 28 days based on three week management system

Standard observations

- Individual weaning weight
- Pen body weight
- Feed intake
- ADG and FCR
- Faecal consistency
- Medical treatments

Two phase feeding as pelleted or mash diets.

Free access to diets and drinking water.

Performance data given per phase.



Additional measurements

- Blood samples
- Daily feed intake the first week post-weaning
- Faecal samples
- Individual body weight
- Preference or behaviour studies

Accuracy: LSD

| | Comparative experiment | Dose response study |
|--------------------------|------------------------|---------------------|
| Number of treatments | 2-6 | 4-5 |
| Number of replicate pens | 10 | 10 |
| Week 1-2 post-weaning | | |
| ADG (g/d) | 24 | 36 |
| Feed intake (g/d) | 23 | 38 |
| FCR | 0.08 | 0.09 |
| Week 1-4 post-weaning | | |
| ADG (g/d) | 27 | 33 |
| Feed intake (g/d) | 31 | 45 |
| FCR | 0.04 | 0.04 |