

Research facilities for broilers with small floor pens

192/96 floor pens in 2 rooms

Number of pens	192	96
Floor area (m ² /pen)	2	4
Number of birds per pen	20	60
Maximum number of treatments (with 6 replicates)	32	16

144/72 floor pens in 1 room

Number of pens	144	72
Floor area (m ² /pen)	2.2	4.4
Number of birds per pen	20	60
Maximum number of treatments (with 6 replicates)	24	12

Standard observations

- Body weight gain
- Feed intake
- FCR
- Litter score
- Mortality rate

Performance data given per phase.



Optional observations

- Foot pad lesion score / hock burns
- Sampling of blood, organs etc.
- Chymus collection
- Viscosity
- Histology
- Microbial profiling
- Slaughter yield
- Other observations can be discussed

35-day performance and least significant difference (LSD)

	Performance	LSD (6 reps)	LSD (8 reps)
Body weight	2490	82	76
Feed intake	3640	119	104
FCR	1.474	0.0241	0.0226

Type of studies

- Dose response studies
- Efficacy studies
- Registration studies
- Tolerance studies

