

Research facility for challenge and digestibility studies in poultry

Special features

- Two completely independent units
- Equipped with metabolic cages
- Suitable for broilers, layers and young turkeys
- Surgery room available
- Optimal distribution of heat by floor and Multiheater heating systems)
- Disinfection of exhausted air



Types of studies

- Challenge studies (e.g. coccidiosis and necrotic enteritis)
- Digestibility studies
- Pilot-scale studies
- Studies that require housing on wire-mesh floors

36 or 96 cages per unit

Number of cages	36	96
Maximum number of treatments with 6 replicates	6	16
Housing on wire-mesh floor or on litter		

Observations

•Standard:

- Body weight gain
- Feed intake
- Feed conversion ratio
- Mortality

•Specific, depending on type of research:

- Digestibility studies: collection of excreta and/or intestinal content
- Challenge studies: intestinal lesions

Optional measurements

- Daily feed intake
- Water intake
- Sampling of blood, organs, etc.
- Viscosity in intestinal content
- Histopathology
- Microbial profiling
- Other measurements to be discussed

