

Schematic layout



Bristol Poultry Research Farm



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Sustainable productivity and driving consumer confidence by improving bird welfare

With a track record of working alongside industry to refine methods of catching, transport and slaughter, as well as evaluating housing systems and welfare assessment methods, the Bristol Poultry Research Farm offers many possibilities for small-scale trials aimed at improving bird health, welfare and productivity.

Expertise is matched by the facility's flexibility in configuration to accommodate a broad scope of studies.



The £1M state-of-the-art poultry facility offers specialist, industry-focused research for both laying hens and broilers. Collaborative research opportunities include housing design, injurious pecking, red mite, rearing systems, bone biology and welfare assessment.

- ✓ Designed to bridge the gap between commercial systems and small experimental units for any poultry species
- ✓ Combining industry standard housing with poultry monitoring, at a flock and an individual level
- ✓ Fully monitored and controlled hatching facility that can run trials for both hens and broilers
- ✓ Home Office compliant suites of four rooms, for 20 adult hens per room, are also available.

Contact

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Technical specification

Facilities	
Individually controlled experimental rooms	8
Pens per room	
Broilers	Flexible
Layers	1
Birds per room	
Broilers	Up to 200
Layers	Up to 100
Floor area	
Broilers	15.8m ²
Layers	10.1m ²
Floor material	optional
Environmental control and monitoring	yes
Data-enabled	yes
Video, audio and RFID	yes
Auto feed and weigh (Broilers)	yes
Egg incubation & hatching (Layers and Broilers)	yes
Isolated hatching facilities	2

Observations and measurements

Routine	
Body weights	
Daily feed intake	
Calculation of feed conversion	
Mortality	
Water consumption	
Gait score	
Egg quality, weight and laying rate	
Air quality, light levels and temperature	

Specialist	
Measuring behaviour	
Microbiology	
Immunology	
Litter score & moisture	
Pain assessment	
Post mortem	
Carcass analysis (including MRI)	
Infection studies	
Food pad lesions	

Additional	
Broilers	Layers
Hock burn	Feather quality
Butchery	Keel bone score on live birds