



# Addendum to the Gatton Campus Biosecurity Management Plan

## Introduction of Pigs onto Gatton Campus 27<sup>th</sup> June 2022

### Purpose

The addendum will be attached to the Gatton Campus Biosecurity Management Plan (GCBMP) as a temporary measure in relation to pigs being introduced on campus. This addendum will apply for the period between the closure of the current campus piggery and the opening of the new commercially-operated piggery. After that time, the GCBMP will revert to the previous position, i.e. the introduction of external pigs onto campus will not be permitted.

### The Addendum

#### 1. The source piggeries and procurement of pigs

Multiple source piggeries will be permitted, i.e. there will not be a sole supplier of the pigs that are introduced onto the campus. The source piggery must first be approved by the Gatton Campus Biosecurity Advisory Committee prior to introduction of the pigs. Pigs must not be sourced from saleyards.

Liaison with the source piggeries regarding procurement of pigs will be handled by UQ Biological Resources (UQBR). UQBR will establish supply agreements with the source piggeries and establish procedures to coordinate orders. This includes procurement of pigs that are destined for other UQ campuses, e.g. Herston and St Lucia. With pigs that are destined for the Gatton campus, the Manager of the Queensland Animal Science Precinct (QASP) within UQBR will manage the procurement procedures.

Note that pigs sourced from different piggeries should not be introduced in the same intake group (co-mingling). The source piggeries may have different health status and co-mingling could result in disease transmission within the intake group. Thus, pigs introduced for a particular purpose (e.g. a research project) must originate from the same source.

#### 2. Procedures prior to arrival of pigs at Gatton Campus

##### (i) Health status of pigs to be introduced onto campus

The staff member responsible for introducing the pigs must request a Health certificate provided by the herd health veterinarian of the source piggery outlining the diseases that have been diagnosed on that piggery, along with vaccination and medication status of the pigs to be introduced. This will ensure that any medications (e.g. in feed medication) can be continued and any booster vaccinations can be delivered after introduction to UQ to prevent an outbreak of disease.

The pigs to be introduced onto campus should be clinically healthy with no obvious signs of disease. If feasible, the pigs should be examined by a veterinarian prior to transport or on arrival at UQ to ensure they are healthy.

The introduced pigs should undergo a period of quarantine in the research facility for 3-7 days before commencement of the research project and observed during that period for any signs of disease.

##### (ii) Vaccinations required before entry of pigs

The pigs to be introduced onto campus should have received standard vaccinations used in the industry, as outlined below (*Table 1*). On approval by the Gatton Campus Biosecurity Advisory Committee,



exceptions to these requirements may be permitted for certain research projects that require unvaccinated pigs.

Note that the health status, quarantine and vaccination requirements may vary depending on the use of the introduced pigs and the duration of their stay on campus. For example, less stringent requirements would be required for pigs that undergo a terminal procedure soon after introduction onto the campus.

### 3. Entry records on arrival at the Gatton Campus & Movement of Pigs within the Gatton Campus

- All pigs to be introduced onto campus must have a PigPass National Vendor Declaration, which is completed by the source piggery owner/manager.
- The Office of the Director of Gatton Campus (ODGC) will have oversight of the PigPass records.
- Pigs are permitted to be moved on campus between the approved facilities in section 4. The parties involved in the transportation of pigs between facilities on campus must be notified.
- Records on the location of the pigs will be maintained as per AEC requirements.
- The destination of the pigs after use on campus will be recorded on an outgoing PigPass. Potential destinations for pigs from campus: grow-out farm, abattoir.

### 4. Locations on campus where pigs can be housed

The facilities on campus to be used for housing pigs must be approved by relevant AEC permit. These facilities comprise:

- **Queensland Animal Science Precinct (QASP)**
- **Clinical Studies Centre (SVS)**

Table 1 Vaccinations used in the Pig industry

Age	Vaccines commonly used	Vaccines used if required*
Suckers (pre weaning)	-Porcine circovirus type 2 - <i>Lawsonia intracellularis</i> (Ileitis)	- <i>Mycoplasma hyopneumoniae</i> (in herds infected with the organism)
Weaners (3-10 weeks of age) & Grower/Finishers (11-25 weeks)		-Haemolytic <i>E. coli</i> (post weaning colibacillosis) -Erysipelas -Actinobacillus pleuropneumonia -Glasser's disease ( <i>Haemophilus parasuis</i> )
Breeding gilts, sows and boars	- <i>E. coli</i> (non - haemolytic). - <i>Leptospira interrogans</i> serovar <i>Pomona</i> . - <i>Erysipelothrix rhusiopathiae</i> . -Porcine parvovirus.	-Glasser's disease -Porcine circovirus type 2

\* Vaccinations depend on the health status of the source piggery. Exceptions to these requirements may be permitted for certain research projects that require unvaccinated pigs.