

## **Part 3: Porcine semen import requirements for Japanese encephalitis**

*Biosecurity and Agriculture Management Act 2007* (BAM Act) and Regulations 2013

### **a) Semen collection centre requirements**

- (i) The semen collection centre must have a biosecurity plan that includes the following standards:
  - (i) Quality assurance systems and record keeping
  - (ii) Entry of pigs and semen with documented procedures addressing transmission pathways for Japanese encephalitis
  - (iii) Pig and semen transport and traceability
  - (iv) Pest and vector control addressing transmission pathways for Japanese encephalitis
  - (v) Controlled entry of people, equipment and vehicles
  - (vi) Pig health and husbandry, including disease investigations and diagnoses for any nationally notifiable disease
  - (vii) Training on recognising and reporting Japanese encephalitis suspicion.
- (ii) The semen collection centre must not be an infected or suspect premises at any time during the period that the donor boar(s) resided at the centre.
- (iii) A daily health monitoring program must be in place at the semen collection centre for all pigs on the premises to detect and investigate clinical signs of Japanese encephalitis on the property.
- (iv) Laboratory testing must be undertaken for Japanese encephalitis in any sick or dead pigs at the semen collection centre that demonstrate clinical findings consistent with Japanese encephalitis. If clinical signs consistent with Japanese encephalitis are observed, despatch of semen must not occur from the premises until absence of Japanese encephalitis is confirmed through diagnostic testing.
- (v) Any suspicion or confirmation of Japanese encephalitis at the semen collection centre must be immediately reported to a Department of Primary Industries and Regional Development (DPIRD) *Biosecurity and Agriculture Management Act 2007* Inspector.
- (vi) Records of all disease investigations and diagnoses must be maintained at the semen collection centre.
- (vii) Records of all semen despatched must be maintained to enable traceability of semen consignments despatched to the individual receiving farm.
- (viii) Semen despatching procedures must ensure that couriers/transporters do not enter the pig production area.

## **b) Donor boar requirements**

The following requirements apply to donor boar(s) supplying semen to Western Australia:

- (i) Any property on which the donor boar(s) resided in the 42 days prior to arrival at the semen collection centre must not be an infected or an unresolved suspect premises at the time the boar(s) left the premises.
- (ii) The semen collection centre must implement systems that ensure they are notified of any suspicion or confirmation of Japanese encephalitis at the properties of origin of the boar(s) and this must be immediately reported to a DPIRD *Biosecurity and Agriculture Management Act 2007* Inspector.
- (iii) Records of all disease investigations and diagnoses must be maintained at the properties of origin.
- (iv) The donor boar(s) have not displayed any clinical signs associated with Japanese encephalitis at the time of entering the semen collection facility.
- (v) The donor boar(s) have been quarantined at the semen collection centre for a minimum of 42 days prior to semen collection and have not displayed any clinical signs consistent with Japanese encephalitis during the 42-day period.
- (vi) Diagnostic testing requirements – All donor boar(s) from which semen has been collected for export into WA must satisfy the following requirements:
  - a. Boar/s have been tested by PCR (blood or semen sample) within seven days prior to first collection and weekly from the time of the first collection, with negative results for all samples.
  - OR**
  - b. Boar/s have been tested serologically within seven days prior to first collection and weekly from the time of first collection, with negative results for all samples.
  - AND**
  - c. The semen collection centre must immediately report any non-negative Japanese encephalitis results to a DPIRD *Biosecurity and Agriculture Management Act 2007* Inspector and not despatch further semen from the premises to WA.
- (vii) The semen has undergone morphological evaluation at the time of collection and demonstrated minimum 60% normal morphology and greater than 60% progressive motility.

## **c) Semen destination premises requirements**

- (i) A daily health monitoring program is in place at the WA destination premises for all pigs on the premises to detect and investigate clinical signs of Japanese encephalitis in pigs.
- (ii) Any suspicion of Japanese encephalitis at the WA destination premises must be immediately reported to a DPIRD *Biosecurity and Agriculture Management Act 2007* Inspector.
- (iii) Records of all disease investigations and diagnoses must be maintained at the destination premise.
- (iv) Couriers/transporters must not enter the pig production area at the destination premises if the courier/transporter is visiting multiple pig premises on the same day that are not of the same enterprise group and disease status.

## Explanatory notes

### Import permit applications

Where the porcine semen does not meet all applicable conditions of entry into WA in **Part 3**, an Import Permit application may be submitted to DPIRD. Applications for these permits are available at <https://www.agric.wa.gov.au/invasive-species/invasive-species-permits-applications-and-fees>.

### Certification

The *LB1 Health Certificate for Movement of Porcine Semen into Western Australia* form must accompany all consignments of semen being imported into WA.

### Prior notification of movement

A copy of the *LB1 Health Certificate for Movement of Porcine Semen into Western Australia* form must be provided to the relevant Entry Inspection Point (see Table 1) and to [animalbiosecurity@dpird.wa.gov.au](mailto:animalbiosecurity@dpird.wa.gov.au) at **least three working days** before the estimated time of arrival. Failure to do so may result in a delay in import clearance.

Table 1 Entry Inspection Points contacts for Quarantine Western Australia (QWA)			
Point of entry	Perth (air) or Fremantle (sea)	Kalgoorlie	Kununurra
Phone	+61 (0)8 9334 1800	+61 (0)8 9093 4819 or +61 (0)417 957 234	+61 (0)8 9166 4000 or +61 (0)477 757 185
Fax	+61 (0)8 9334 1880	+61 (0)8 9093 4839	+61 (0)8 9166 4067
Post	Livestock Perth Locked Bag 69 Welshpool Delivery Centre WA 6986	Livestock Kalgoorlie PO Box 417 Kalgoorlie 6430	Livestock Kununurra PO Box 19 Kununurra WA 6743
Email	LivestockPerth@ dpird.wa.gov.au	LivestockKalgoorlie@ dpird.wa.gov.au	LivestockKununurra@ dpird.wa.gov.au

## Definitions

**Property of origin:** Property of origin is defined as the property(ies) on which the pigs resided in the 42 days prior to entry to the semen collection centre.