Government of Canada / Gouvernement du Canada
Canadian Food Inspection Agency / Agence canadienne d'inspection des aliments

REFERENCE NUMBER: _____

VETERINARY HEALTH CERTIFICATE
EXPORT OF BOVINE SEMEN TO AUSTRALIA

Exporting Country: **CANADA**

Issuing Authority: **CANADIAN FOOD INSPECTION AGENCY**

SECTION I - ORIGIN OF THE SEMEN

Exporter: _____

Address: _____

Semen collection centre(s) of origin & code: _____

_____

_____

_____

SECTION II - DESTINATION OF THE SEMEN

Importer: _____

Address: _____

AQIS import permit number: _____

SECTION III - CONSIGNMENT DESCRIPTION

Total number of straws: _____

Shipping container identification/serial number: _____

Official seal number affixed on the shipping container: _____

SECTION IV - SANITARY INFORMATION

I, the undersigned, Official Veterinarian of the Canadian Food Inspection Agency (CFIA), hereby certify that;

1. During the period between the first and last semen collection for this consignment, Canada was recognized by the OIE as a foot-and-mouth disease (FMD) free country where vaccination is not practised and met the OIE Code article definitions of country freedom for:
   1.1. rinderpest
   1.2. vesicular stomatitis
   1.3. contagious bovine pleuropneumonia
   1.4. lumpy skin disease
   1.5. Rift Valley fever.

2. The donors were, at the time of semen collection, part of the resident herd at a semen production centre (AI centre) approved under the Canadian Health of Animals Regulations, to certify semen for export.

3. The centre veterinarian and/or an official veterinarian:
   3.1. ensured the isolation of the donors from all other ruminants not of equivalent health status prior to semen collection;
   3.2. supervised the isolation period;
   3.3. supervised the blood sampling of donors and ensured that the donors are tested in accordance with these requirements;
   3.4. recorded the required details for each donor on the table which is part of this certificate;
   3.5. supervised the collection and processing of the semen in accordance with the Animal Health Regulations, Section 15 (Artificial Insemination Program) and the recommendations of the OIE Code;
   3.6. ensured that suitable antibiotics were added to the diluent and that the diluents were prepared in accordance with the OIE code;
   3.7. verified the permanent identification of the semen straws with the identification details of the donor and the date of collection or a code from which this information can be determined.

4. For sexed sorted semen, either: *(* Delete and initial unused option)*
   *4.1. sex sorted semen is not included in this shipment,
   or
   ***4.2** sex sorted semen is included in this shipment, and:
      4.2.1 equipment used for sex-sorting sperm was cleaned and disinfected between animals according to sex semen licensor's recommendations, and
      4.2.2 where seminal plasma, or components thereof, was added to sorted semen prior to cryopreservation and storage, it was derived from animals of same or better health status.

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5. All blood, tissue and semen tests for disease were carried out in a CFIA laboratory or a laboratory approved by the CFIA to perform the test required for that disease. Dates of collection for tests and types of diagnostic tests were recorded on the table which is part of this certificate.

6. Bluetongue and epizootic haemorrhagic disease (EHD):
   6.1. The semen collection centre is not located in the Okanagan Valley of British Columbia.

7. Infectious bovine rhinotrachetis (IBR): *(* Delete and initial unused options)*
   Note 1: All diagnostic tests and the interpretation of tests results for IBR/IPV must comply with the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals chapter on Infectious bovine rhinotracheitis/infectious pustular vulvovaginitis. This applies to all testing undertaken irrespective of option selected.
   Note 2: If an ELISA is the serological test of choice for IBR/IPV, the ELISA used has been validated with respect to sensitivity, specificity and reproducibility (see OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals chapter 1.1.4 Principles of validation of diagnostic assays for infectious diseases) and is suitable for certification of bovine semen for Australia.
   7.1. The semen was collected from donors:
   *7.1.1 after 21 June 2011, and the donors were kept in an "IBR/IPV free herd" as defined in OIE Terrestrial Animal Health Code, at the time of collection of the semen.

   or

   *7.1.2 before 21 June 2011, and the donors were kept in **IBR/IPV free artificial insemination centres**, which are considered to be those that fulfilled the IBR/IPV testing requirements during pre-quarantine, in the quarantine station and annually, as specified below.
   Bulls and teaser animals entered an artificial insemination centre only if they have fulfilled the following requirements:
   - **Pre-quarantine** (i.e prior to entering the quarantine station/pre-entry isolation facility):
   If the artificial insemination centre is considered IBR/IPV free, the animals were subjected, with negative results, to a serological test for IBR/IPV on a blood sample taken at a maximum of 60 days before entry to the quarantine station. The donor bulls have been maintained in isolation from animals not of equivalent tested status from the time of IBR/IPV testing. This includes no contact with cattle not of equivalent test status during transport to the quarantine station/collection centre.
   - **Testing in the quarantine station (i.e. pre-entry isolation facility) prior to entering the semen collection centre**:
   Prior to entering the semen collection centre, bulls and teasers were kept in a quarantine station for at least 28 days. The animals were subjected, with negative results, to a diagnostic test for IBR/IPV on a blood sample a minimum of 21 days after entering the quarantine station. All the results were negative. If any animal tested positive, the animal was removed immediately from the quarantine station and the other animals of the same group have remained in quarantine and were retested, with negative results, not less than 21 days after removal of the positive animal.
   - **All bulls and teasers resident** in the semen collection centre were tested at least annually for IBR/IPV with negative results.
   Note: all applicable tests results for the donors from whom semen has been collected for this consignment are mentioned in this certificate, including the testing undertaken during on farm isolation, pre-entry isolation and last available resident test.

   or

   *7.2 The semen was collected from donors held in isolation during the period of collection and were subjected to an ELISA or a virus neutralisation (VN) test for IBR/IPV on blood samples taken at least 21 days after collection of the semen with negative results.
   Note: "Isolation" means that the relevant donor animals must be held within double stock-proof fences separated by 3 metres during the period of collection, or donor bulls could be held within a solid impervious fully enclosed structure for the period of collection.

   or

   *7.3. The semen was collected from donors whose serological status is unknown or positive for IBR/IPV, and from which an aliquot of each semen collection for export was subjected to a virus isolation test (by cell culture inoculation and a minimum of 2 passages if no cytopathic effect observed on first passage) or real-time polymerase chain reaction (TR-PCR) assay, with negative results. Only collections that have been tested as described above are eligible for importation to Australia. Semen from bulls collected in periods between tests is not eligible.

8. Shipping containers: *(* Delete and initial unused option)*
   *8.1. The shipping container was new.

   or

   *8.2. Prior to loading, the shipping container was emptied and inspected and any loose straws removed. The shipping container, including all surfaces contacting the straws, was disinfected with one of the following disinfectants:
   8.2.1. 2% available chlorine (eg chlorine bleach);
   8.2.2. 2% Virkon;
   8.2.3. irradiation at 50 kGy.

   Date of disinfection (yyyy-mm-dd): _____
   Disinfectant used and active ingredient: _____

   8.3. Only new liquid nitrogen was added to the tank.

9. Reproductive material suitable for import to Australia was identified in a legible and non-erasable manner, and was stored since the end of the collection period until export, under the supervision of a centre veterinarian and/or an official veterinarian in containers in which no biological material other than semen, embryos or ova of equivalent health status as specified in this certificate was held.

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10. For this reproductive material, either: *(* Delete and initial unused option)*
    10.1 Reproductive material was not removed from storage containers for further processing, or aggregation with other reproductive material.

    or

    10.2 Reproductive material was removed from storage containers for further processing, or aggregation with other reproductive material at an approved centre or laboratory. The dates of transfer, reason for transfer, name of approved centre or laboratory and centre veterinarian are listed against the containers used along with the unique serial and seal number of each container. A document disclosing this information is attached to this certificate. This document (Semen movement document for export) is prepared by the centre responsible for the shipment and presented to the CFIA official veterinarian for endorsement when the shipment takes place.

11. An Official Veterinarian sealed the semen shipping container with an official seal prior to shipment to Australia and the number or mark on the seal was recorded on this veterinary certificate prior to export.

	Date (yyyy-mm-dd)	Signature of Official Veterinarian Canadian Food Inspection Agency
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REFERENCE NUMBER:_____

SECTION V - DONOR INFORMATION and TESTS

(Note: When a test date is not required, the following abbreviation NA (Not Applicable) is used in the table.)

Straw identification						Number of straws	Date of entry in collection centre	IBR ELISA tests for 7.1.2 (centre IBR free)						IBR ELISA test for 7.2		IBR virus isolation for 7.3	
Collection centre code	Breed	Donor Bull identification number	Name of Donor Bull	Registration number	Collection date			Blood test on farm (yyyy-mm-dd)	Res (N)	Blood test pre-entry (yyyy-mm-dd)	Res (N)	Last resident blood test (yyyy-mm-dd)	Res (N)	Blood test post collect (yyyy-mm-dd)	Res (N)	Semen collect date (yyyy-mm-dd)	Res (N)

_____
Date (yyyy-mm-dd)

_____
Signature of Official Veterinarian
Canadian Food Inspection Agency

_____
Name of Official Veterinarian (in block letters)

_____
Contact details

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