



**VETERINARY HEALTH CERTIFICATE
EXPORT OF BOVINE EMBRYOS TO NEW ZEALAND**

Exporting Country: CANADA

Department/Service: GOVERNMENT OF CANADA
CANADIAN FOOD INSPECTION AGENCY

New Zealand Import Permit Number: _____

SECTION I - Origin of the Embryos

a) **Veterinarian responsible for Embryo Collection Team:** _____

I.E.T.S. code: _____

b) **Consignor Name:** _____

Address: _____

SECTION II - Destination of the Embryos

Consignee Name: _____

Address: _____

SECTION III - SANITARY INFORMATION

I, _____, an Official Veterinarian authorised by the Canadian Government certify, after due enquiry, with respect to the donor animals and embryos identified in this Veterinary Health Certificate, that:

1 Country freedom

Canada is free from contagious bovine pleuropneumonia, foot and mouth disease, lumpy skin disease, Rift Valley fever, rinderpest and vesicular stomatitis.

2 Donor females and embryo collection centre

2.1 If the donor females were imported into Canada, they must have lived continuously in Canada for at least sixty (60) days and in the herd of origin for at least thirty (30) days prior to entering the embryo collection centre.

2.2 The herd(s) of origin of the donor females and the embryo collection centre were free from any quarantine restrictions from at least sixty (60) days before the first embryo collection until completion of the donor animal testing for this consignment.

2.3 The herd(s) of origin and the embryo collection centre are officially free from bovine tuberculosis.

2.4 The donor females were held at a CFIA approved embryo collection centre for a continuous period of at least 30 days before the collection of embryos for this consignment. During this time, they were isolated from animals not of an equivalent health status.

2.5 The ova were fertilised as follows: *

Either 2.5.1 Donor males used for natural services were of an equivalent isolation and tested health status to the donor females

or 2.5.2 Semen used for insemination was collected and processed in accordance with the CFIA Artificial Insemination Program for an Approved Semen Collection Centre.

or 2.5.3 Semen used for insemination was imported directly from New Zealand or is eligible for export to New Zealand

*** Delete as appropriate**

2.6 The embryo collection centre is approved by CFIA to collect embryos for export and is inspected at 6-month intervals by either the team veterinarian or an Official Veterinarian.

Date of last inspection: _____

3 Embryo collection and processing

- 3.1 On the day(s) of collection of the embryos, all female donor animals were examined by the team veterinarian and were free from clinical evidence of infectious diseases caused by micro-organisms transmissible in embryos.
- 3.2 The embryos were collected, processed and stored under the supervision of a CFIA approved embryo collection team veterinarian in accordance with the OIE Code, Appendix for *in vivo* derived embryos.
- 3.3 The embryos were collected, washed, processed, identified and stores under conditions, which comply with the recommendations in the *International Embryo Transfer Society Manual (IETS Manual)*. Each embryo had an intact zona pellucida and was examined over its entire surface at not less than 50X magnification and was free of adherent material.
- 3.4 The embryos were treated with the enzyme trypsin in accordance with the recommendations of the *IETS Manual*.
- 3.5 All biological products of animal origin used in the media and solutions for collection, processing, washing or storage of embryos were free of pathogenic organisms including pestiviruses. Media and solutions were sterilised by approved methods according to the *IETS Manual* and handled in such a manner as to ensure that sterility was maintained.
- 3.6 Antibiotics as recommended in the *IETS Manual*, or a combination of antibiotics with equivalent activity were added to collection, processing, washing and storage media.

Names and concentrations of antibiotics used in embryo preparations: _____

- 3.7 Only frozen *in vivo* fertilized bovine embryos are included in this consignment.

4 Testing (see Table IV)

4.1 Q fever: Between 21 and 60 days after the end of an embryo collection period (a period of 60 days or less), donor females were tested with negative results for Q fever using the complement fixation test (CFT) (negative being no fixation of complement at a dilution of 1:10 or higher).

4.2 Bovine viral diarrhea virus (BVDV): *

- Either 4.2.1 All donor animals that have been on the embryo collection centre for more than six (6) months prior to embryo collection for this consignment were subjected to a viral isolation test for BVDV, with a negative result, within thirty (30) days prior to entry into the embryo collection centre, and have remained isolated from other animals that have not been tested negative.
- or 4.2.2 Donor animals that have been on the embryo collection centre for less than six (6) months prior to embryo collection for this consignment have had a pooled sample of non-viable oocytes/embryos and washing fluid (as per the OIE Code Appendix for *in vivo* derived embryos), from the first embryo collection for this consignment, subjected to a virus isolation test for BVDV with negative results.

* Delete as appropriate

4.3 All testing was conducted at a laboratory approved by CFIA to conduct export testing and a summary of laboratory test results is attached.

5 Storage and transport

- 5.1 All straws are clearly marked with the identification of the donor animals and the date(s) of collection. If a code is used for this information, its decipher must accompany the consignment.
- 5.2 The embryos were only stored with other embryos or semen that were eligible for export to New Zealand. The containers were held in an approved storage place under the supervision of CFIA until export.
- 5.3 The embryos were placed in new or disinfected transport containers filled with fresh (previously unused) liquid nitrogen.

Method of sterilization (if applicable): _____

Date of sterilization (if applicable): _____

5.4 Prior to export, the container in which the embryos are to be transported was sealed by either the embryo collection team veterinarian or an Official Veterinarian using seals bearing the marks: _____

SECTION IV - INFORMATION CONCERNING DONORS, SIRES AND EMBRYOS:

TABLE 1. FEMALE DONORS LIST

Name	Registration n°	Breed	Date of birth	Country of birth	Owner's name	Owner's address

TABLE 2. MALE DONORS LIST

Name	Identification	Breed	Date of birth	Country of birth	Name of Semen Centre	Address of Semen Centre	Semen Centre n°

TABLE 3. INFORMATION CONCERNING THE EMBRYOS

Identification of donor female	Date of collection	Straw identification (markings to be indelible)	Nº of straws	Nº of embryos/ straw	Name and location of collection centre	Identification of donor male	Collection date of semen or date of natural mating
Total:							

TABLE 4. TESTING

Identification of donor female	Collection period		Tests (dates of sampling)		
	Beginning of period	End of period	Q Fever (CFT)	BVD according to Article 4.2.1 Viral isolation test *	BVD according to Article 4.2.2 Viral isolation test *

* Delete as appropriate

Date (dd/mmm/yyyy)

Veterinarian responsible for Embryo Collection Team

Date (dd/mmm/yyyy)

Official Veterinarian
Canadian Food Inspection Agency
Government of Canada

Address of Official Veterinarian

Official Export Stamp

Note: Official stamp must be applied to all pages

