Veterinary Health Certificate for Export of Bovine Semen from the United States of America to New Zealand

Veterinary Authority	Date Of Issue	Certificate Number
UNITED STATES DEPARTMENT OF AGRICULTURE		

1. Consignor:	**2. Consignee:**
3. Country Of Origin: USA	**4. State Of Origin:**
5. Country Of Destination: New Zealand	**6. Zone Of Destination:** **********
7. Place Of Origin:	**8. Port Of Embarkation / Border Crossing:**
9. Estimated Date Of Shipment:	**10. Means Of Transport:**
11. ********** **********	**12. CITES Permit Number:** **********
13. Description Of Commodity:	**14. Date of Inspection:** **********
15. Total Quantity:	**16. Additional Information:** **********

17. Total Number Of Packages/Containers:

18. Identification / Seal Numbers:

19. Commodities Intended Use:	**20. Type Of Admission:**

21. Identification Of Commodities:

Donor identification	Date/s of collection	Straw identification	Number of straws	Date of entry into semen collection facility	Name of semen collection facility	Address of semen collection facility	Semen collection facility approval number	Date of last inspection of semen facility

If more space is needed, a chart can be created and attached as part of the certificate.

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Certification Statements:

I, the undersigned USDA accredited veterinarian, certify that the product described above satisfy the following requirements:

1. Eligibility

(a) Frozen semen from the Bovinae subfamily.

2. Diagnostic tests, vaccines and treatment

(a) All pre-export and/or surveillance testing required by this veterinary certificate has been:

(i) *conducted by a laboratory approved by APHIS; or

(ii) *conducted by a laboratory approved by the Competent Authority of any other country approved to export bovine semen to New Zealand.

(b) All laboratory samples required by this veterinary certificate have been collected, processed, and stored in accordance with the OIE's recommendations or as described in Approved Diagnostic Tests, Vaccines, Treatments and Post-Arrival Testing Laboratories for Animal Import Health Standards, MPI-STD-TVTL, found here: https://www.mpi.govt.nz/dmsdocument/2040/

(c) All diagnostic test(s) that are required below are those that have been approved by MPI for that purpose and documented in MPI-STD-TVTL.

(d) All products required by this veterinary certificate to be administered to meet the specific disease requirements below have been administered according to the manufacturer's instruction.

3. Semen collection centre requirements

(a) The semen for export was collected in a semen collection centre that complies with the recommendations for centres in the OIE Code chapter General Hygiene in Semen Collection and Processing Centres.

(b) At the time of collection of this consignment for New Zealand, the semen collection centre was:

(i) approved for export by APHIS;

(ii) subjected to regular inspection, at least annually, by an Official Veterinarian;

(iii) under the supervision of a semen collection centre veterinarian.

(c) *Semen donors were transferred from one approved semen collection centre to another approved centre of equal health status without isolation or testing and the following requirements were met:

(i) The donors were examined by the approved semen collection centre veterinarian on the day of entry into the centre and showed no evidence of infectious disease transmissible in semen.

(ii) Transfer was direct.

Certification Statements:

(iii) The donors did not come into direct or indirect contact with animals of lower health status.

(iv) The means of transport was disinfected before use.

4. Donor requirements

(a) The semen donors met the requirements in the Code chapter Collection and Processing of Bovine, Small Ruminant, and Porcine Semen, and the other specified requirements in this veterinary certificate.

(b) During the 28 days in which the semen donors were held in pre-entry isolation prior to entering the semen collection centre (as prescribed in the Code), they were not used for natural mating and were isolated from animals not of equivalent health status.

(c) Semen donors that were imported to the United States were legally imported and have lived in the United States for at least the 60 days before semen collection.

(d) On the day of semen collection, the semen collection centre veterinarian determined that the donors were free from clinical evidence of infectious diseases transmissible in semen.

(e) Where a specific requirement of this veterinary certificate was met by pre-collection testing, the semen donors were isolated from other animals not of equivalent tested health status, from the time of the test sample collection until completion of semen collection for export.

5. Semen collection, processing and storage

(a) Semen collection, processing and storage complied with the sections relevant for bovine semen in the Code chapter Collection and Processing of Bovine, Small Ruminant, and Porcine Semen, unless stated otherwise in this veterinary certificate.

(b) Where testing must be within a certain time period before or after semen collection:

(i) Semen collection may be a time period of up to 60 consecutive days.

(ii) Test samples must have been collected within the specified period before the first day of the semen collection where testing is required before semen collection.

(iii) Test samples must have been collected within the specified period after the last day of the semen collection period where testing is required after semen collection.

(c) The cryogenic or cooling agent used in the freezing process, storage and transport has not been used previously in association with any other product of animal origin.

(d) All straws have been sealed, and clearly and permanently marked to identify the donor and the date(s) of freezing. The markings conform to international standards of the International Committee for Animal Recording (ICAR). *If a code is used for this information, its decipher instructions must accompany the consignment.

(e) The semen has only been stored and transported with germplasm that has been collected and processed in accordance with the Code.

Certification Statements:

(f) The semen has been held in a storage place approved by APHIS until the time of export.

(g) Subject to (h), the semen will be imported directly from the country in which it was collected.

(h) *If the semen was collected in a country that has an agreed veterinary certificate for bovine semen export to New Zealand and stored in another country that also has an agreed veterinary certificate for bovine semen export to New Zealand (country of storage), that semen is accompanied by:

(i) A declaration from the Competent Authority of the country of storage that:

1. identifies the semen from the country of origin as the semen being exported to New Zealand;

2. certifies that the semen has been stored and transported in the country of storage in accordance with the requirements of veterinary certificate;

(ii) Evidence that the semen meets the rest of the import requirements in the form of either:

1. *a veterinary certificate issued by the Competent Authority of the origin country; or

2. *a letter from the Competent Authority of the origin country confirming the semen meets the requirements of their agreed veterinary certificate and indicating which requirements therein have been fulfilled.

6. Transport

(a) The transport container in which the germplasm is to be transported to New Zealand is new or disinfected and is free of contamination. *If the transport container has been disinfected:

(i) Disinfectant (active chemical) _____

(ii) Date of disinfection _____

(b) All transport containers in which germplasm is transported to New Zealand have been sealed, by either the semen collection centre/herd veterinarian or an APHIS Veterinarian, using tamper-evident seals that are positioned to ensure that no germplasm can be added after the transport container has been sealed.

(c) *Where the germplasm is transferred from one transport container to another:

(i) Date of transfer _____

(ii) Name of approved collection centre/herd _____

(iii) Reason for transfer _____

(iv) Name of veterinarian involved in the transfer _____

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Certification Statements:

Specified Requirements

7. Bovine herpes virus 1.1 and 1.2a (Infectious Bovine Rhinotracheitis/Infectious Pustular Vulvovaginitis, IBR/IPV)

   (a) The semen collection centre was free from BHV 1.1 and 1.2a from commencement until conclusion of semen collection for export to New Zealand, through compliance with the recommendations in the OIE Code in relation to BHV, with the following modifications:

      (i) All cattle were tested prior to pre-entry isolation for antibodies using an ELISA or SN/VN test or other test listed in MPI-STD-TVTL, with negative results;

      (ii) All cattle were tested in pre-entry isolation for antibodies using an ELISA or SN/VN test or other test listed in MPI-STD-TVTL, with negative results, or where an animal in a group has tested positive re-testing the remaining animals, with negative results, not less than 21 days after removal of the positive animal;

      (iii) *Thereafter, all cattle were re-tested annually for antibodies using an ELISA or SN/VN test or other test listed in MPI-STD-TVTL, with negative results; or

   (b) The semen donor was:

      (i) held in isolation for the 30 days following collection;

      (ii) tested for BHV 1.1 and 1.2a using an ELISA or SN/VN test or other test listed in MPI-STD-TVTL at least 21 days after semen collection for export to New Zealand, with negative results; or

   (c) An aliquot of semen from each semen collection for export to New Zealand was tested for BHV 1.1 and 1.2a with a real-time PCR or VI test or other test listed in MPI-STD-TVTL, with negative results.

8. Bovine herpes virus 5 (BHV 5)

   (a) The semen donor’s centres of residence have had no cases of BHV 5 (suspected or diagnosed) in the year prior to semen collection for export to New Zealand.

9. Bovine leukemia virus (Enzootic Bovine Leukosis, EBL)

   (a) The semen donor was resident at the time of semen collection in an EBL free herd; every animal was tested prior to entry to the resident herd and the herd was tested semiannually with negative results using an ELISA or AGID test or other test listed in MPI-STD-TVTL; or

   (b) The semen donor was subjected to an ELISA or AGID test or other test listed in MPI-STD-TVTL for EBL with negative results, on two occasions, the first test was carried out within 6 months before and the second test at least 21 days after collection of the semen; or

   (c) An aliquot of semen from each collection for export to New Zealand was tested for BLV with a VI or PCR test or other test listed in MPI-STD-TVTL, with negative results.

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Certification Statements:

10. Bovine viral diarrhea virus genotype 2 (BVDV2)

(a) The semen donor meets the CSS Minimum Requirements for BVDV; or

(b) An aliquot of semen from each semen collection for export to New Zealand was tested for BVDV2 with a VI or PCR test or other test listed in MPI-STD-TVTL, with negative results.

11. Foot and mouth disease (FMD)

(a) The donor was resident for at least the 3 months before the semen collection in a country or zone that was free from FMD without vaccination in accordance with the OIE Code.

12. Lumpy skin disease (LSD)

(a) The semen donor was resident for 6 months prior to semen collection in a country or zone that was free of LSD as defined by the OIE Code.

13. Rift Valley fever virus (RVF)

(a) The donor was resident, for at least the 30 days prior to, and during semen collection for export to New Zealand in a country or zone that was free from RVF in accordance with the OIE Code.

14. Brucella melitensis, Brucella abortus, and Brucella suis

(a) The semen collection centre was maintained free from brucellosis from commencement until conclusion of semen collection for export to New Zealand and the donor has been tested in accordance with CSS Minimum Requirements.

15. Campylobacter fetus subspecies venerealis (Cfv) (bovine genital campylobacteriosis, BGC)

(a) The donor has been tested in accordance with CSS Minimum Requirements.

16. Coxiella burnetii (Q-fever)

(a) The semen donor has never been confirmed positive for Q fever; and either

(i) The donor was subjected to an ELISA test or other serological test listed in MPI-STD-TVTL for Q fever, on a sample collected between 21 and 120 days after each semen collection for export to New Zealand, with negative results; or

(ii) An aliquot of semen from each semen collection for export to New Zealand was tested for Q fever with a PCR test or other test listed in MPI-STD-TVTL, with negative results; or

(iii) Within the 6 month period before or after semen collection for New Zealand, but before export, the semen collection centre herd was tested for Q fever, using an ELISA test or other serological test listed in MPI-STD-TVTL, with negative results. The Q fever test must be:

1. performed on either the whole herd or a random sample of at least 60 animals (whichever is the lesser number); and

2. the herd was isolated for the period between semen collection and diagnostic sampling.

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17. Leptospira interrogans serovar hardjoprajitno (leptospirosis)

(a) Antibiotics must be added to the semen in accordance with CSS Minimum Requirements.

18. Mycobacterium tuberculosis (bovine tuberculosis)

(a) At the time of collection for New Zealand, the semen collection centre was:

(i) free from bovine tuberculosis in accordance with the *OIE Code or *APHIS;

(ii) located in a zone that was free from bovine tuberculosis; or

(b) The semen collection centre was maintained free from bovine tuberculosis from commencement until conclusion of semen collection for export to New Zealand and the donor has been tested in accordance with CSS Minimum Requirements.

19. Mycoplasma mycoides subspecies mycoides SC (contagious bovine pleuropneumonia, CBPP)

(a) The semen donor was born in and had been continuously resident in a country free from CBPP.

20. Mycoplasma bovis

(a) Collection and processing of semen was in accordance with the recommendations of the OIE Code, with the modifications indicated in MPI-STD-TVTL:

The raw/neat semen for export to New Zealand must have the following combinations added to it at the specified dose per mL of neat/raw semen:

a) gentamicin 575 µg, tylosin 115 µg, lincomycin-spectinomycin 345/690 µg (GTLS);

The antibiotics must be either:

a) prepared and stored as separate stock solutions as described by the manufacturer to maintain potency; or
b) premixed and used as indicated by the manufacturer to maintain potency;

The semen and antibiotic solution must not be further diluted for at least 4 minutes;

The semen must remain at no less than 5°C for a minimum of 2 hours before being frozen in the antibiotic solution

or

(b) Each semen collection for export to New Zealand was tested with a validated PCR test for M. bovis in accordance with MPI-STD-TVTL, with negative results.

*Delete as appropriate.

Name of Accredited Veterinarian	Name of USDA Veterinarian
Signature of Accredited Veterinarian	Signature of USDA Veterinarian
Date	Date

Country: United States of America	Certificate reference number:

Test information

	IBR/IPV			BVDV2			Q-fever			Leukosis			Mycoplasma bovis		
Donor Identification	Test sampling date	Test type	Result	Test sampling date	Test type	Result	Test sampling date	Test type	Result	Test sampling date	Test type	Result	Test sampling date	Test type	Result