



Health Certificate No. \_\_\_\_\_  
 (Valid only if USDA Veterinary Seal  
 Appears Over the Certificate Number)

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

1. Consignor: Name: Address:	2. Certificate reference number: 3. Veterinary Authority: <b>USDA, APHIS</b> 4. Import permit number:
5. Consignee: Name: Address:	6. Country of origin: <b>UNITED STATES</b> 7. Country of destination: <b>NEW ZEALAND</b>
8. Approved semen collection center: Name: Address:	9. Approval number of semen collection center:
10. Place of shipment:	11. Date of departure:
12. Description of commodity: <b>BOVINE SEMEN</b>	13. Total number of straws:

### DONOR AND SEMEN IDENTIFICATION

Name	Identification number	Breed	Date of birth	Collection date	Collection code	Straw ID	Number of straws



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## HEALTH CERTIFICATION

I,....., an approved veterinarian authorized by APHIS, certify, after due enquiry, with respect to the donor animals and semen identified in this certificate, that:

### Country freedom

1. For the last 12 months prior to semen collection for export to New Zealand, the United States has been free of foot and mouth disease, Borna disease, Crimean Congo haemorrhagic fever, lumpy skin disease, Rift Valley fever, and contagious bovine pleuropneumonia, and these diseases are officially notifiable.

### Donor eligibility

2. Donors that were imported to the United States have lived continuously in the United States for at least 90 days and in the herd of origin for at least 30 days prior to semen collection for export to New Zealand.

### Semen collection centre requirements

3. Bovine semen has been collected, handled, prepared, processed and stored at a semen collection center approved for export by APHIS. The semen collection center has been subject to regular inspection by an APHIS veterinarian and is under the supervision of an approved veterinarian. Date of last inspection: \_\_\_\_\_
4. If donors were transferred from one approved semen collection centre to another of equal health status, without isolation or testing, the following conditions were applied:
  - donors were examined by the approved semen collection centre veterinarian and showed no clinical sign of disease on the day of entry to the centre; AND
  - transfer was direct; AND
  - transfer was not through a bluetongue infected zone OR donors were protected from insect attack during transit; AND
  - donors did not come into direct or indirect contact with animals of a lower health status; AND
  - the means of transport used was disinfected before use; AND
  - routine (annual) tests for bovine brucellosis, bovine tuberculosis, and bovine viral diarrhoea were carried out on the donor during the 12 months prior to transfer.

### Donor and semen collection centre health status

5. The donors were not resident in any establishment that is subject to quarantine restrictions for at least the 90 days before the first semen collection for this consignment to New Zealand until completion of the testing of the donors, as required by this standard.
6. Prior to collection of semen for this consignment, the donors were isolated for at least 28 days at a place specifically approved for this purpose by APHIS. During this time, the animals were not used for natural mating and were isolated from animals not of equivalent health status.



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7. The approved semen collection centre veterinarian ensured that, on the day(s) of collection of the semen, the health status of each donor was monitored and recorded, and the donor did not show any clinical evidence of infectious diseases transmissible in semen.

**Semen collection, processing, storage and transport**

8. Semen was collected, handled, prepared, processed and stored under the supervision of the approved semen collection centre veterinarian and in accordance with Certified Semen Services (CSS) requirements.
9. Antibiotics were added to the semen diluent in accordance with CSS requirements. After addition of antibiotics, the semen was kept above 5°C for at least 45 minutes.

Name and concentration of antibiotics:

\_\_\_\_\_

10. All straws are sealed and clearly and permanently marked to identify the donor and the date(s) of collection. The marking, in accordance with the OIE Code, conforms to the international standards of the International Committee for Animal Recording (ICAR; [www.icar.org](http://www.icar.org)).
11. The semen for export was stored in the frozen state for at least 30 days after collection before shipment to New Zealand, and during this time, the donors and all animals in contact with them have remained free from any diseases transmissible in semen.
12. Where semen is removed from the transport containers for further processing, the date of transfer, approved semen collection center, reason for transfer, and approved collection center veterinarian must be recorded on the veterinary certificate.

Date of transfer: \_\_\_\_\_

Approved semen collection center: \_\_\_\_\_

Approved collection center veterinarian: \_\_\_\_\_

Reason for transfer: \_\_\_\_\_

13. The semen was stored only with germplasm that has been collected and processed in compliance with the OIE Code or CSS standards. Containers were held until export in a storage place approved by APHIS.
14. The semen was placed in transport containers filled with fresh (previously unused) liquid nitrogen. Transport containers are either new or empty and disinfected. For the transport container used to transport the semen to New Zealand:



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- a. Disinfectant used: \_\_\_\_\_
- b. Active chemical: \_\_\_\_\_
- c. Date of disinfection: \_\_\_\_\_

15. The transport container in which the semen is to be transported to New Zealand was sealed by an approved veterinarian using tamper evident seals. Seal number(s):  
\_\_\_\_\_

#### TESTING

16. All required laboratory testing was conducted at an approved laboratory and test results are documented in the table attached to this certificate.

#### Bluetongue (BTV) (delete section 17 or 18, as appropriate, and initial)

##### EITHER

17. Donors were subjected to OIE prescribed antibody detection tests for BTV, such as the competitive enzyme linked immunosorbent assay (cELISA), at least every 60 days during semen collection, and between 21 and 60 days after semen collection for export to New Zealand, with negative results;

##### OR

18. Donors were subjected to OIE prescribed agent detection tests for BTV, such as a virus isolation (VI) test or polymerase chain reaction (PCR) test, on blood samples collected at commencement and conclusion of, and at least every 7 days (for VI test) or at least every 28 days (for PCR test) during semen collection for export to New Zealand, with negative results.

#### Bovine viral diarrhea type 2 (BVD2)

19. Donors were tested for BVD2 in accordance with Certified Semen Services (CSS) requirements, with negative results.

#### Bovine herpes virus abortifacient strains (BHV) (delete section 20, 21 or 22, as appropriate, and initial)

##### EITHER

20. An aliquot of semen from each semen collection for export to New Zealand was tested for BHV using the OIE prescribed real-time PCR for infectious bovine rhinotracheitis, with negative results;

##### OR

21. An aliquot of semen from each semen collection for export to New Zealand was tested for BHV using the OIE prescribed virus isolation method, with negative results;

##### OR

22. Donors were subjected to an OIE prescribed antibody test (ELISA or virus neutralization) for BHV, at least 21 days after semen collection for export to New Zealand, with negative results.



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**Vesicular stomatitis (VS)** (delete section 23, 24 or 25, as appropriate, and initial)

EITHER

23. Donors were resident in a country that is free from VS in accordance with the OIE Code;

OR

24. VS is officially notifiable in the exporting country, and no known cases have occurred within 100 km of the semen collection center where the donors were resident during semen collection, during the period from 30 days prior to commencement until 30 days after conclusion of semen collection for export to New Zealand;

OR

25. Donors were:

- a. resident for the 30 days prior to and during semen collection in a herd where no case of VS was reported in that period; AND
- b. subjected to a serological test for VS, between 21 to 42 days after semen collection for export to New Zealand, with negative results.

**Bovine brucellosis**

26. The semen collection centre has been officially free of bovine brucellosis from commencement until conclusion of semen collection for export to New Zealand and the donor has been tested in accordance with CSS requirements.

**Bovine tuberculosis**

27. The semen collection centre has been officially free of bovine tuberculosis from commencement until conclusion of semen collection for export to New Zealand and the donor has been tested in accordance with CSS requirements.

***Mycoplasma bovis***

28. Donors have never been confirmed positive for *Mycoplasma bovis*.

**Q fever** (delete section 30 or 31, as appropriate, and initial)

29. Donors have never been confirmed positive for Q fever;

AND EITHER

30. Donors were subjected to a CF or ELISA test 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

31. Within the 6 month period before or after semen collection for export to New Zealand, the resident herd of cattle on the semen collection centre has been serologically tested with a CF or ELISA for Q fever, with negative results, done on either the whole herd or a random sample of at least 60 animals (whichever is the lesser number); AND  
The semen collection centre herd has been isolated for the period between semen collection and diagnostic sampling.



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<p>Approved Semen Collection Center Veterinarian:</p> <p>Name and address (in capital letters):</p>   <p>Date:                      Signature:</p>	<p>Official APHIS Veterinarian:</p> <p>Name and address (in capital letters):</p>   <p>Date:                      Signature:</p> <p>Stamp:</p>
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SAMPLE



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<b>Test information</b> (date format is dd-mm-yyyy)													
Sire ID	Collection Date	Bluetongue			Q fever			Bovine herpes virus abortifacient strains (BHV)			Vesicular stomatitis (if applicable)		
		Test sampling date	Test type	Result	Test sampling date	Test type	Result	Test sampling date	Test type	Result	Test sampling date	Test type	Result