



Schweiz / Suisse / Svizzera / Switzerland

Health Certificate for the Export of Bovine Semen to Afghanistan ¹⁾

According to the international and Afghanistan veterinary requirements

Exporting country: Switzerland	Approved form No. O-2101	Certificate No.
Issuing authority ²⁾		Afghanistan vet. dep. Import Permit No.:

I Donor Identification / Consignment Description

Registered name	Breed	Reg. number	No. of straws	Collection date	Straw identification
					Reg.number, reg. Name, date of collection (dd,mm,yy)

Total number of straws: see attached list

Number of the official government seal on tank:

II Origin of the semen

Name and address of semen collecting center (SCC) where semen was collected for this shipment:	Name and address of consignor:
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III Destination of the semen

Country of destination: Afghanistan	Name and address of consignee:
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IV Health attestation

1. Switzerland is free of FMD, rinderpest, and contagious bovine pleuropneumonia.
2. The donor animals:
 - were part of the national herd since birth ³⁾
 - or**
 - were imported from countries recognized by the OIE to be free from FMD and rinderpest, and have been free of any import quarantine restrictions and able to move freely within Switzerland's national herd for a minimum of 60 days prior to the collection of semen for export to the Afghanistan ³⁾;
 - or**
 - were legally imported from a country not recognized by the OIE to be free of FMD and rinderpest, and have been free of any import quarantine restrictions and have been able to move freely within the national herd for a minimum of 90 days prior to the collection of germ plasma for export ³⁾.
3. All animals including teasers in the SCC herd are free from bovine virus diarrhoea (BVD) and infectious bovine rhinotracheitis (IBR/IPV). All animals in the SCC have been previously tested negative or have been treated for leptospirosis.
4. The SCC is situated in the center of an area of at least 50 kilometers in radius in which during the period commencing at least three months prior to the collection of semen for the Afghanistan, and continuing for at least thirty days following the last collection of semen for export to the Afghanistan, there has been no evidence of FMD, contagious bovine pleuropneumonia, or vesicular stomatitis.
5. Concerning bovine spongiform encephalopathy the following statements are certified:
 - a. Insofar as can be determined after due inquiry, within the 5 years previous to the collection of semen for export to the Afghanistan, the semen donor has not resided in a herd where BSE ever occurred. The semen donor has never been in contact with animals which may have come from a herd where BSE occurred at the time such animals were calving, or within 3 month following their parturition.
 - b. There was no evidence in the semen donor of any condition resembling BSE at the time of semen collection.
 - c. Insofar as can be determined after due inquiry, no spongiform encephalopathy has been suspected or confirmed in any progeny of the donor.
 - d. Insofar as can be determined after due inquiry, the parents of the semen donor were not affected with any spongiform encephalopathy.
 - e. To the best knowledge and belief of the official veterinarian, after due inquiry, the donors of semen for exportation to the Afghanistan were at no time fed animal-protein feed.
6. The donor bull was inspected on the date of semen collection and found to be free of clinical signs of disease.
7. Tests:
 - a. **The donor bull is not a permanent resident of a SCC or is new (less than 1 year) to the SCC ³⁾.** It was tested prior to entry to the SCC and (for brucellosis and tuberculosis) after the date of the last collection of semen included in the shipment as follows:
 - or**
 - b. **The donor bull is a permanent resident of a SCC ³⁾.** All bulls in the center are isolated for observation and tested as in 7 a) to qualify for admittance into the center, and have been tested at least once a year for TB, campylobacteriosis, and brucellosis as follows:

Test	Method of testing	Date of testing
Brucellosis: negative to the standard tube agglutination test at 30 IU/ml in tests conducted within 30 days of first collection of semen and again not less than 30 nor more than 120 days after the date of last collection of semen included in the shipment;	Agglutination and complement binding reaction (< 30 UI/ml)	1) see attached list 2).....E
Tuberculosis: (TB): negative intradermal test using purified protein derivative <i>Mycobacterium bovis</i> tuberculin in tests conducted within 30 days of first collection of semen, and again not less than 60 nor more than 120 days after the date of last collection of semen included in the shipment;	Intradermal reaction with bovine tuberculin PPD	1) see attached list 2)E
BVD: negative virus isolation test performed on either blood, serum or semen	Blood analyse for BVD virus	See attached list
Campylobacteriosis: negative culture test of smegma;	Immunofluorescence and culture	See attached list
Trichomoniasis: negative microscopic examination of a culture of smegma.	Microscopic examination	See attached list

E For bulls residing permanently at the SSC: indicate the date of first regular testing according to 7b), which followed the date of semen collection. If the semen donors were not tested following semen collection, indicate the date of last routine testing prior to semen collection.

c. The laboratory tests of the donor bull certified under 7a) or 7 b) have been conducted at the following laboratory/ies approved by the Federal Veterinary Office (name and address):

Brucellosis: University of Bern, Switzerland
 BVD: University of Bern, Switzerland
 Campylobacteriosis/Trichomoniasis: University of Bern, Switzerland

8. Semen extenders shall contain no products contaminated with virulent pathogens, and each milliliter of freshly mixed extender contains: the following antibiotic combination ³⁾: or the following antibiotic combination, accepted by Kyrgyz vet.dep. ³⁾:

Tylocin: 100 micrograms
 Gentomycin: 500 micrograms
 Linco-Spectin: 300-600 micrograms

V Processing certification

- The semen has been collected and processed under the supervision of the designated veterinarian issuing the health certificate and placed in individual ampoules or straws which must be permanently marked with the name of the donor, his registration number, and the date of collection. If this information is coded, a key to the code accompanies the import permit and health certificate.
- The semen shipping container has been examined by the veterinarian issuing the health certificate and found clean and free from contamination prior to use for export of semen to the Afghanistan.
- The semen has been maintained in the custody of the veterinarian issuing the certificate until it is placed in the shipping container and sealed with the official government seal with the seal number recorded under section I.
- If semen from different approved SCC units in Switzerland are included in the same shipment, the official veterinarian authorized by the Swiss Federal Veterinary Office certifies as to the integrity of the total shipment. Non of the semen was transported in a container with semen which was collected under less than equivalent health standard.
- To the knowledge of the official veterinarian issuing the certificate, the semen is routed directly to the Afghanistan with no stops en route other than those provided in the import permit.

Place and date	Signature of the veterinarian responsible for semen production center. Position and name of the veterinarian	Stamp ⁴⁾ and signature of the issuing Authority
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Annotations

- A separate certificate has to be issued for each shipping tank.
- Indicate office or function and address. This certificate is valid only if issued by:
 - the Federal Veterinary Office;
 - the Cantonal Veterinary Office in which the artificial insemination center is located;
 - an official veterinarian authorized by the Swiss Federal Veterinary Office to certify semen for export (OITE article 5, alinea 2).
- Delete as appropriate
- This certificate is valid only if stamped with an export stamp provided by the Federal Veterinary Office in accordance with OITE article 5, alinea 2.