

**HEALTH CERTIFICATE  
FOR EXPORTATION OF BOVINE SEMEN  
FROM UNITED STATES OF AMERICA TO  
PEOPLE’S REPUBLIC OF CHINA**

**I. IDENTIFICATION**

- A. Species and Commodity**            **BOVINE SEMEN**
- B. Exporting Country**                **UNITED STATES OF AMERICA**
- C. Country of Destination**        **PEOPLE’S REPUBLIC OF CHINA**
- D. Issuing Authority**                **UNITED STATES DEPARTMENT OF AGRICULTURE**
- E. Donor Identification: See Attachment # 1**

**F. CONSIGNMENT DESCRIPTION**

- 1. **Total Number of Doses:**
- 2. **Container’s Official USDA Seal Number(s):**

**G. ORIGIN OF THE SEMEN**

- 1. **Name of Exporter / Center:**
  - Line 1**
  - Line 2**
  - Line 3**
- 2. **Address:**
  - Line 1**
  - Line 2**
  - Line 3**
  - Line 4**
  - Line 5**

**H. DESTINATION OF THE SEMEN**

- 1. **Means of Transport:**
- 2. **Name of Consignee:**
  - Line 1**
  - Line 2**
  - Line 3**
- 3. **Address:**
  - Line 1**
  - Line 2**
  - Line 3**
  - Line 4**
  - Line 5**

## II. HEALTH DATA

### A. Certification Statements

The undersigned USDA accredited veterinarian hereby certifies the following:

1. The United States of America is officially recognized as free from foot-and-mouth disease, rinderpest, contagious bovine pleuropneumonia and lumpy skin disease.
  - 1.1 With respect to bovine spongiform encephalopathy (BSE):
    - a. Semen collection centers are located in the areas which are within the U.S. national surveillance program which operates in accordance with OIE guidelines as related to prevention, control and eradication of BSE.
    - b. There have been no suspected or confirmed cases of BSE in the semen collection centers.
    - c. Donor animals were born after implementation of the August 1997 feed ban and have not been fed any materials prohibited under the ban.
    - d. Donor animals can be imported into the United States from countries with equivalent or lower BSE risk levels and an equivalent feed ban. Imported donor animals were born after the feed ban was implemented in the country-of-origin. The birth farm of the imported donor animal have had no suspected or confirmed cases of BSE for the previous six (6) years.
    - e. Donor animals are not the progeny or birth cohorts of animals suspected or confirmed to be BSE positive.
2. Each AI center is located in a States where:
  - a. there has been no clinical evidence of bluetongue in any ruminant; and
  - b. for the past 12 months, no bluetongue virus has been isolated from any ruminant.

[Note: The acceptable States are Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Delaware, Maryland, West Virginia, Pennsylvania, Ohio, Michigan, Indiana, Wisconsin, Minnesota, North Dakota, Alaska, Hawaii and Western Washington. The donor bulls and teasers must be negative to an AGID or ELISA test prior to entry into the AI centers. The donor bulls and teasers at the AI centers for export of semen must be born and reared in the above mentioned states. Donor bulls or teasers born in States other than those mentioned above, must be negative to bluetongue by AGID or ELISA tests prior to movement to one of the above mentioned States. They must be a resident of that state for six months and be negative for bluetongue by the AGID and ELISA tests, and by virus isolation prior to entry into the AI center.]
3. The AI center meets Certified Semen Services (CSS) standards (January 2002) and is under regular supervision and examination by a USDA accredited veterinarian. The donor bulls have resided in the AI centers for at least 6 months and have not been used for natural service since entering the centers.
4. The AI centers for export of semen are recognized as free of tuberculosis and brucellosis by USDA.
5. According to records, no animals in the AI centers for the export of semen have had any clinical signs of enzootic bovine leucosis during the 3 years prior to the first collection of semen for export to China by clinical examination. There was no swelling of lymph glands during the collection period.

6. All donor bulls and teasers in the AI centers for export of semen were negative to an AGID test or ELISA for bluetongue prior to entry into the center and negative on the center's semiannual tests thereafter. The donor bull must be negative to an ELISA at least 40 days after the last collection of semen for export. During the collection period, there was no clinical evidence of bluetongue disease in the AI center.
7. All animals in the AI center for export of semen are free of clinical signs of epizootic hemorrhagic disease (EHD). The donor bulls were negative to an AGID test for EHD at least 40 days after the last collection of semen included in the shipment.
8. During the 12 months prior to the first collection of semen for export to China, there have been no clinical signs of IBR/IPV in the animals in the AI centers for export of semen.
  - 8.1 All bulls and teasers in the IBR/IPV free AI centers producing semen for China must be negative to the SN test at a 1:2 dilution or ELISA for IBR/IPV on a semiannual basis.
  - 8.2 If the donor bulls producing semen for export to China are part of mixed population (IBR seronegative and seropositive bulls) the following procedures must be followed:
    - 8.2.1 The seropositive animals were negative to IBR by virus isolation on serum at intervals of 6 months within the last 12 months prior to the first collection of the semen for export to China. Bulls that had only been tested in the last six months had one additional negative virus isolation test conducted within 30 days prior to the first collection of semen.
    - 8.2.2 The seronegative animals were negative on the SN test at a 1:2 dilution or ELISA within 30 days prior to the first collection of the semen; and the same test was repeated with negative results within 21- 60 days after the last collection of the semen.
    - 8.2.3 In the case of bulls of beef breeds which have been vaccinated against IBR using an inactivated vaccine, the following procedures shall apply:
      - 8.2.3.1. During the 30 days prior to the first collection of the semen, the donor bulls producing semen for export to China shall be tested twice using SN tests or ELISA at least 21 days apart using undiluted serum as the initial dilution, and the results are considered negative if there is no increase in antibody titers.  
[ Note: "ELISA kit used to test for IBR must be approved by USDA]
      - 8.2.3.2. Three (3) straws from each ejaculate of the semen for export to China shall be tested for IBR by virus isolation with negative results.  
[Note: "Each ejaculate" refers to the first ejaculate collected each week during the collection period.]
    - 8.2.4. Each semen ejaculate was tested for IBR by virus isolation with negative results.
9. During the 12 months prior to and during the collection of semen for export to China, there were no clinical signs of BVD/MD in the animals in the AI centers
  - 9.1 The donor bulls were tested for persistent BVD/MDV infection prior to entry into the AI center using virus isolation techniques on blood serum or semen with negative results.
  - 9.2 A sample of 0.1 ml of fresh semen or three straws of semen from each ejaculate was cultured by two passages (at least 6 days for each passage) in fetal bovine kidney cells for isolation of virus with negative results.  
[Note: "Each ejaculate" refers to the first ejaculate collected each week during the collection period.]

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10. The semen is from an AI center which is annually tested for *M. paratuberculosis* by fecal culture. An ELISA was conducted on donor bulls, with negative results, at least 40 days after the last collection of any of their semen in the shipment.
11. During the previous 12 months, all animals in the AI center were free from clinical evidence of leptospirosis; and within 30 days prior to the first collection of and at least 40 days following the last collection of semen, the donor bulls were tested for bovine leptospirosis – 5 serovars: *L. canicola*, *L. grippityphosa*, *L. hardjo*, *L. icterohaemorrhagiae*, and *L. pomona* – with negative results (negative at a 1:100 dilution on the microtiter agglutination test) and the interval between the tests was not less than 60 days nor more than 120 days.  
  
[See Attachment # 2 for all test date and test results.]
12. There has been no occurrence of vesicular stomatitis in the State in which the AI center is located during the 12 months prior to the first collection of semen for export to China nor within 30 days after the last collection of semen for export to China.
13. From the time of semen collection to the time of shipment of the semen, donor bulls were free from any sign of infectious or contagious diseases.
14. During the period of semen collection and for 30 days thereafter, the United States of America has been free from the diseases listed under paragraph 1 of this protocol and the AI centers have been free of clinical signs of infectious or contagious diseases.
15. The donor bulls:
  - a. do not exhibit any genetic defects and there is no record of genetic defects in their predecessors or offspring;
  - b. have not produced any progeny exhibiting recessive lethal genes or possible signs of carrying such genes;
16. The amount and quality of the semen and the collection date
17. The components in the dilution (including antibiotics) and the proportions are as follows:
  
18. Packing specifications:
  
19. The marking of each dose:
  
20. The documented semen was packed and sealed under the supervision of a USDA veterinarian.

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Type or Print - Name and Address  
of Issuing Accredited Veterinarian

Name:

Address:

- Line 1
- Line 2
- Line 3
- Line 4
- Line 5

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Signature of Accredited Veterinarian

Date Issued:

Type or Print - Name of Endorsing  
Area Veterinarian In Charge

Name:

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Signature of Endorsing Area Veterinarian  
In Charge (Valid only if USDA Veterinary  
Seal Appears Over Signature)

Date Endorsed:

Health Certificate No. :  
(Valid only if the USDA Veterinary  
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**Attachment # 1**

<b>Registration Name Registration Number</b>	<b>Code Number</b>	<b>Breed</b>	<b>Collection Date</b>	<b>Collection Code</b>	<b>Number of Doses</b>

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**Attachment # 2**

	<b>Collection Date</b>	<b>Leptospirosis (MAT)</b>	<b>Infectious Bovine Rhinotracheitis (ELISA or Semen)</b>	<b>Paratuberculosis (Fecal or ELISA)</b>	<b>Bluetongue (ELISA)</b>	<b>EHD (AGID)</b>	<b>BVD (VI)</b>
<b>Bull ID</b>	<b>Collection Code</b>	<b>Test &amp; Sample Date</b>	<b>Test &amp; Sample Date</b>	<b>Test &amp; Sample Date</b>	<b>Test &amp; Sample Date</b>	<b>Test &amp; Sample Date</b>	<b>Test &amp; Sample Date</b>