

**VETERINARY HEALTH CERTIFICATE FOR EXPORT OF BOVINE SEMEN FROM  
THE UNITED STATES OF AMERICA TO THE REPUBLIC OF ZIMBABWE**



**Veterinary Authority**  
UNITED STATES DEPARTMENT OF AGRICULTURE

**Date Of Issue**

**Certificate Number**

<b>1. Consignor:</b>  <b>3. Country Of Origin:</b> USA  <b>3. Country Of Destination:</b> ZIMBABWE  <b>7. Place Of Origin:</b>  <b>9. Estimated Date Of Shipment:</b>  <b>11.*****</b> <b>13. Description Of Commodity:</b> Bovine semen  <b>15. Total Quantity:</b>  <b>17. Total Number Of Packages/Containers:</b>  <b>18. Identification / Seal Numbers:</b>  <b>19. Commodities Intended Use:</b> Breeding/rearing	<b>2. Consignee:</b>  <b>4. State Of Origin:</b>  <b>6. Zone Of Destination:</b> *****  <b>8. Port Of Embarkation:</b>  <b>10. Means Of Transport:</b>  <b>12. CITES Permit Number:</b> *****  <b>14.*****</b>  <b>16. Additional Information:</b> *****  <b>20. Type Of Admission:</b> Permanent import
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21. Identification Of Commodities:							
	Registered name	Identification number	Breed	Age or Date of Birth	Collection date	Collection code	Number of straws
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

**NOTE:** If more space is needed, a separate table can be created, signed by the USDA Accredited Veterinarian and becomes part of this certificate.

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**II. ANIMAL HEALTH CERTIFICATIONS STATEMENTS:**

I, the undersigned USDA Accredited Veterinarian, certify to the following statements.

1. The United States is free of contagious bovine pleuropneumonia, foot and mouth disease, lumpy skin disease, and Rift Valley fever, without vaccination.
2. The semen collection center has been free of clinical cases of brucellosis and tuberculosis during the thirty (30) days prior to commencement, until conclusion of, semen collection for export.
3. The semen collection center has been free of clinical cases of campylobacteriosis, trichomoniasis, leptospirosis, infectious bovine rhinotracheitis/infectious pustular vulvo-vaginitis (IBR/IPV), and Johne's (paratuberculosis) disease during the thirty (30) days prior to commencement, until conclusion of, semen collection for export.
4. Donor animals:
  - a. were continuous residents in the United States either for a minimum of sixty (60) days immediately preceding collection of the semen for export, or have been resident since birth.
  - b. were identified by a permanent identification system recognized by the USDA.
  - c. were not resident in any establishment that is subject to quarantine restrictions due to diagnosed diseases which affect cattle, for at least the 90 days before the first semen collection for this consignment through completion of the testing of the donors.
  - d. on the day(s) of collection the donor did not show any clinical evidence of infectious diseases transmissible in semen, including Johne's disease.
  - e. were not used for natural mating, and were isolated from animals not of equivalent health status, since arriving at the approved semen collection center that is under the supervision of the USDA Accredited Veterinarian, at least two months (60 days) prior to the collection of semen for export.
5. The semen for export:
  - a. was collected, processed and stored at an approved semen collection center in a manner that is acceptable to the USDA, and is under the supervision of the USDA Accredited Veterinarian.
  - b. is sealed in straws or vials that are clearly and permanently marked to identify the donor and the date(s) of collection.
  - c. were frozen in fresh liquid nitrogen or liquid nitrogen vapor, and then stored in cleaned and disinfected tanks or new containers, under strict hygienic conditions.
  - d. will be shipped in cryogenic containers sealed by a USDA Accredited Veterinarian, prior to shipment.

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### III. TEST REQUIREMENTS:

Each donor animal was test negative for the following diseases within six months prior to or six months after collection, unless otherwise specified below, in a laboratory acceptable to APHIS, as noted on the attached test chart:

1. Tuberculosis<sup>1</sup>: Intradermal test using bovine PPD tuberculin **OR** other test accepted by USDA.
2. Brucellosis<sup>1</sup>: Complement fixation test at a 1:10 dilution **OR** buffered *Brucella* antigen test (i.e., card test) **OR** enzyme-linked immunosorbent assay (ELISA) **OR** fluorescent polarization assay (FPA) **OR** standard tube test or standard plate agglutination test at 1:50 dilution **OR** other test accepted by USDA.
3. Campylobacteriosis<sup>2</sup>: Culture or PCR of cultured preputial material
4. Trichomoniasis<sup>2</sup>: Culture or PCR of cultured preputial material
5. Leptospirosis: Microtiter agglutination test, at the 1:400 dilution for serotypes: L.canicola, L. grippotyphosa, L. hardjo, L. pomona, and L. icterohaemorrhagiae **OR** other test accepted by USDA.
6. Enzootic Bovine Leukosis: Enzyme- linked immunosorbent assay (ELISA) **OR** agar gel immunodiffusion (AGID) test **OR** other test accepted by APHIS.
7. Infectious Bovine Rhinotracheitis (IBR): Either a serum neutralization (SN) test at 1:8 dilution<sup>3</sup> **OR** ELISA test<sup>3</sup> of the donor animal; **OR** a virus isolation (VI) test **OR** a polymerase chain reaction (PCR) test on an aliquot of semen for export.

<sup>1</sup>Testing is not required of bulls that originate from herds that are Certified and Accredited Free of brucellosis and tuberculosis, respectively.

<sup>2</sup>Testing is not required of bulls that have never been used for natural breeding.

<sup>3</sup>Seropositive animals may be subjected a VI or PCR test for IBR on an aliquot of semen to qualify for export.

<b>Name of USDA Accredited Veterinarian</b>	<b>Name of APHIS Veterinarian</b>
<b>Signature of USDA Accredited Veterinarian</b>	<b>Signature of APHIS Veterinarian</b>
<b>Date</b>	<b>Date</b>

Donor Bull Identification	Collection Code	Tuberculosis Test Type & Date	Brucellosis Test Type & Date	Campylobacteriosis Test Type & Date	Trichomoniasis Test Type & Date	Leptospirosis Test Type & Date	Bovine Leukosis Test Type & Date	Infectious Bovine Rhinotracheitis Test Type & Date