



Certificate/Serial No: \_\_\_\_\_

## VETERINARY HEALTH CERTIFICATE FOR EXPORT OF BOVINE SEMEN FROM THE UNITED STATES OF AMERICA TO NIGERIA

Exporting country: **United States of America**

Ministry of: **U.S. Department of Agriculture (USDA)**

Department: **Animal and Plant Health Inspection Service (APHIS)**

Nigerian Import Permit Number: .....

### I. Information concerning the donor animal(s) and semen for export

| Registered Name | Official Identification | Breed | Age | Date of Collection | Collection Code | Number of Straws |
|-----------------|-------------------------|-------|-----|--------------------|-----------------|------------------|
|                 |                         |       |     |                    |                 |                  |
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Note: If more than 10 animals are shipped, a separate table is made, signed by the USDA accredited veterinarian and becomes part of this certificate.

### II. Origin of the semen

Name and address of exporter (semen collection center or exporting owner):

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### III. Destination of the semen

Name and address of consignee: .....

Name and identification of means of transport:

.....  
.....

Port of arrival: .....

Port of embarkation: .....

Expected date of shipment: .....



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#### IV. Sanitary information

##### PART A:

##### General Requirements:

- 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 for export was collected, processed and stored at an approved semen collection center (the "center") **or approved semen storage center** in a manner that is acceptable to the USDA **annually**, and is under the supervision of the USDA Accredited Veterinarian.
- 3) Only animals associated with semen production should be permitted to enter the center. Other species of livestock may exceptionally be resident on the center, provided that they are kept physically apart.
- 4) Animals on the center should be adequately isolated from farm livestock on adjacent land or buildings, for instance by natural or artificial means.
- 5) The entry of visitors should be strictly controlled. Personnel should be technically competent and observe high standards of personal hygiene to preclude the introduction of pathogenic organisms. Protective clothing and footwear for use only on the center should be provided.
- 6) Individual semen containers and storage rooms should be capable of being disinfected.
- 7) Whenever milk, egg yolk or any other animal protein is used in preparing the semen diluent, the product must be free of pathogens or sterilized; milk heat-treated at 92°C for 3-5 minutes, eggs from SPF flocks when available. The inclusion of penicillin, streptomycin, polymixin, etc. is permitted, provided that is declared here:  
Name of antibiotic(s) used: \_\_\_\_\_
- 8) Semen straws or pellets shall be code marked in line with national standards.
- 9) Shipping containers must be sealed before export and accompanied by an international veterinary certificate listing the contents.
- 10) Animals must be clinically healthy and physiologically normal and must pass pre-entry tests within the thirty (30) days prior to entry into isolation at the center. The prescribed diseases and tests are listed in part B below:

##### PART B:

##### 1) **Bluetongue Virus (BTV):**

- i. The donor animals:
  - a. Were kept in a herd in which no clinical cases of bluetongue virus were officially reported during the 2 years prior to collection of semen; **AND**

##### **EITHER**

1. Were subjected to a serological test according to the Terrestrial Manual to detect antibody to the BTV group, between 21 and 60 days after the last collection for this consignment, with negative results;\*

##### **OR**



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2. Were subjected to an agent identification test on blood samples collected at commencement and conclusion of, and at least every 7 days (virus isolation test) or at least every 28 days (PCR test) during, semen collection for this consignment, with negative results;\*

**OR**

3. An aliquot of semen for each collection code for export is test negative for BTV using RT-PCR.\*

**2) Bovine Brucellosis:**

- i. Were kept in a herd free from bovine brucellosis, showed no clinical sign of bovine brucellosis on the day of collection; **AND** were not vaccinated against infection with Brucella; **AND** were tested every six (6) months with either a buffered *Brucella* antigen test (rose bengal test or buffered plate agglutination) **or** a complement fixation test, with negative results.

**3) Bovine Campylobacteriosis:**

- i. The culture of ~~semen and~~ preputial specimens for the presence of the casual agent of bovine genital campylobacteriosis proved negative.

**4) Bovine Tuberculosis (TB):**

- i. Showed negative results to tuberculin tests carried out annually, and kept in a herd free from bovine tuberculosis.

**5) Enzootic Bovine Leukosis (EBL):**

**EITHER**

- i. The donor animal was subjected to diagnostic tests for EBL on blood samples on two occasions with negative results, the first test being carried out at least 30 days before and the second test at least 90 days after collection of the semen;\*

**OR**

- ii. The donor animal was subjected to either AGID or ELISA serological test and was negative within 6 months before or 6 months after semen collection;\*

**OR**

- iii. An aliquot of semen for each collection code for export is test negative for EBL on PCR.\*

**1 D IBR/IPV:**

- ~~2~~ Were kept in a herd in which no clinical cases of IBR/IPV were officially reported during the 60 days prior to collection of semen; **5 B8**

**EITHER**

- a. The donor animals were held in isolation during the period of collection and for the 30 days following collection, and were subjected to a diagnostic test for IBR/IPV on a blood sample taken at least 21 days after collection of the semen, with negative results;\*

**OR**

- b. An aliquot of semen for each collection code for export is test negative for IBR by either virus isolation **OR** PCR.\*



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**7) Trichomonosis:**

- i. The donor animals have never been used for natural service; OR have only been mated to virgin heifers; OR were kept in a semen collection center where no case of trichomonosis have been reported.
- ii. The donor animals were subjected to direct microscopic examination and cultural examination of preputial specimens with negative results.

Line out as appropriate.

Signature of USDA Accredited Veterinarian.....

Name of USDA Accredited Veterinarian.....

Address.....

NAN No..... Date.....

Signature of APHIS Endorsing Veterinarian.....

Name of APHIS Endorsing Veterinarian .....

Office Address.....

Date.....