



DEPARTMENT FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS
SCOTTISH GOVERNMENT
WELSH GOVERNMENT
DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT NORTHERN IRELAND

◆ EXPORT OF BOVINE SEMEN TO THE KINGDOM OF BHUTAN

HEALTH CERTIFICATE

No:

EXPORTING COUNTRY: UNITED KINGDOM

FOR COMPLETION BY: OFFICIAL VETERINARIAN

I. IDENTIFICATION OF THE SEMEN

| Identity of donor bull(s) (name, date of birth, registration number) | Breed | Number and volume of semen straws | Date(s) of collection and date code(s) (*) |
|--|-------|--------------------------------------|---|
| | | | |

* Explanation of date code(s)

II. ORIGIN OF THE SEMEN

1) Name and address of Semen Collection Centre:

2) Approval number of Semen Collection Centre:

3) Name and address of consignor:

4) The semen consignment is to be sent from (place of loading):

III. DESTINATION OF THE SEMEN

- 1) Name and address of consignee:
- 2) Means of transportation (including registration number of vehicle, flight number of aircraft or name of ship):
- 3) Number of seal on transport container:
- 4) Address of actual destination of semen:
- 5) Import permit number(s):

IV. HEALTH INFORMATION

I, the undersigned, certify that:

- 1) the semen described in Paragraph I was derived from bull(s) standing for at least six (6) months immediately prior to collection of the semen at the Semen Collection Centre described in Paragraph II, which is approved by the competent veterinary authorities of the United Kingdom and is under official veterinary control;
- 2) prior to entering the approved Semen Collection Centre, all bovine animals have been subjected to a period of isolation of at least 28 days in special accommodation approved by the competent veterinary authority;
- 3) within the 28 day period prior to commencing the period of isolation referred to in paragraph IV 2) above, all the bovine animals have been subjected to the following tests:
 - a) BRUCELLOSIS: * a serum agglutination test (SAT) (negative SAT means less than 30 IU/ml), * a complement fixation test (CFT) (negative CFT means less than 20 ICFTU/ml), or * (a serological test prescribed by the World Organisation for Animal Health (OIE) Terrestrial Manual for international trade), with negative results;
 - b) TUBERCULOSIS: a comparative intradermal tuberculin test using avian and bovine purified protein derivative (PPD) tuberculins, with negative results according to the Department's standard interpretation;
 - c) ENZOOTIC BOVINE LEUKOSIS: * an agar gel immunodiffusion test (AGIDT) or * enzyme-linked immunosorbent assay (ELISA), with negative results;
- 4) during the period of 28 days isolation referred to in paragraph IV 2) above, all the bovine animals have been subjected to the following tests:
 - a) BRUCELLOSIS: * a serum agglutination test (SAT) (negative SAT means less than 30 IU/ml), * a complement fixation test (CFT) (negative CFT means less than 20 ICFTU/ml), or * (a serological test prescribed by the OIE Terrestrial Manual for international trade), with negative results;
 - b) BOVINE GENITAL CAMPYLOBACTERIOSIS (*Campylobacter fetus venerealis*): *an immunofluorescent antibody test * or a culture test on a sample of preputial material, with negative results;
 - c) TRICHOMONIASIS (*Trichomonas fetus*): a microscopic examination and culture test on a sample of preputial material, with negative results;

- 5) all the bovine animals at the approved Semen Collection Centre are subjected at regular 12-monthly intervals and all the donor animals have been subjected within 6 months prior to collection of the semen for export to the following tests:
- a) BRUCELLOSIS: * a serum agglutination test (SAT) (negative SAT means less than 30 IU/ml), * a complement fixation test (CFT) (negative CFT means less than 20 ICFTU/ml), or * (a serological test prescribed by the OIE Terrestrial Manual for international trade), with negative results;
 - b) PARATUBERCULOSIS (JOHNE'S DISEASE): * an enzyme linked-immunosorbent assay (ELISA) * OR a complement fixation test (CFT) * OR faecal culture, with negative results;
 - c) TUBERCULOSIS: a comparative intradermal tuberculin test using avian and bovine purified protein derivative (PPD) tuberculins, with negative results according to the Department's standard interpretation;
 - d) ENZOOTIC BOVINE LEUKOSIS: * an agar gel immunodiffusion test (AGIDT) * or enzyme linked-immunosorbent assay (ELISA), with negative results;
 - e) TRICHOMONIASIS (*Trichomonas fetus*): a microscopic examination and culture test on a sample of preputial material, with negative results;
 - f) BOVINE GENITAL CAMPYLOBACTERIOSIS (*Campylobacter fetus venerealis*): * an immunofluorescent antibody test * or a culture test on a sample of preputial material, with negative results;
- 6) regarding LEPTOSPIROSIS:
- a) *either within 180 days prior to the first collection of semen for export or within 180 days after the last collection of semen for export, the donor animals have been subjected to the following test for Leptospirosis, with negative results: microscopic agglutination test using live antigen for leptospirosis, serotypes L. pomona and hardjo (negative means less than 50% agglutination at a dilution of 1:100); OR
 - b) *the donor animal was injected twice with streptomycin/dihydrostreptomycin equivalent to 25mg per kg live bodyweight at 14 day intervals. The second injection was given within 3 days prior to the first collection of the semen for export; OR
 - c) *the donor animal was injected with which has been officially agreed as an alternative prescribed antibiotic for the treatment of bovine Leptospirosis. Treatment was equivalent to per kg live bodyweight at day intervals. The last injection was given within days prior to the first collection of the semen for export;
- 7) regarding BLUE TONGUE VIRUS (BTV), the semen was obtained from donor bull(s) which comply with at least one of the following conditions:
- a) *they were kept in a BTV free country or zone for a period of at least 60 days before commencement of, and during, collection of the semen; OR
 - b) *they were subjected to a serological test according to the OIE Terrestrial Manual to detect antibodies to the BTV group, with negative results, at least every 60 days during the collection period and between 28 and 60 days after the final collection for this consignment; OR
 - c) *they were subjected, with negative results, to an agent identification test for BTV according to the OIE Terrestrial Manual carried out on blood samples collected:
 - (i) at commencement and final collection of the semen for this consignment, and
 - (ii) during the period of semen collection for this consignment:
 - *i. at least every seven days, in the case of a virus isolation test, or
 - *ii. at least every 28 days, in the case of a polymerase chain reaction (PCR) test;

- 8) all the above tests have been carried out at laboratories approved by the competent veterinary authority;
- 9) the semen described above is derived from donor bulls which:
 - a) showed no clinical signs of disease on the day(s) of semen collection;
 - b) have been resident at the semen collection centre for at least 6 months prior to collection of the semen for export;
 - c) have not been used for natural service while resident at the approved Semen Collection Centre;
 - d) are of good proven fertility and a sample of semen taken from these bulls during the period of collection of the semen for export was found to be within the normally accepted limits of motility, colour, volume, concentration and morphology considering the age and breed of the bulls;
- 10) the semen described above:
 - a) has been treated during processing by the addition of antibiotics to produce these concentrations in the final diluted semen:

***EITHER:** not less than 500 µg per ml streptomycin, 500 IU per ml penicillin, 150 µg per ml lincomycin, 300 µg per ml spectinomycin

***OR:** an approved alternative combination of antibiotics with an equivalent effect against Campylobacters, Leptospires and Mycoplasmas, namely
 - b) has been stored in an approved Semen Collection Centre for at least 30 days before dispatch;
 - c) has been placed in a previously cleaned and disinfected container, which before dispatch was sealed under veterinary supervision. The seal number is stated at paragraph III 3) above;
- 11) the United Kingdom is free from foot and mouth disease (FMD), rinderpest and Contagious Bovine Pleuropneumonia (CBPP) in accordance with the OIE Terrestrial Animal Health Code;
- 12) the approved Semen Collection Centre in which the semen described above in paragraph I was collected was free from all officially notifiable diseases and from diseases that are transmissible in bovine semen for at least 3 months prior to the date(s) of semen collection.

*** Delete as appropriate**

Official Stamp

Signed BCVS
Official Veterinarian

.....
 Name in block letters

Date

Address

