



DEPARTMENT FOR ENVIRONMENT, FOOD AND RURAL AFFAIRS  
SCOTTISH EXECUTIVE ENVIRONMENT AND RURAL AFFAIRS DEPARTMENT  
NATIONAL ASSEMBLY FOR WALES  
DEPARTMENT OF AGRICULTURE AND RURAL DEVELOPMENT NORTHERN IRELAND

No:.....

EXPORT OF BOVINE SEMEN TO PAKISTAN

EXPORTING COUNTRY: UNITED KINGDOM

FOR COMPLETION BY: APPROVED VETERINARY SURGEON/VETERINARY OFFICER

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 all available details of shipment:
- 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 at the Semen Collection Centre described in Paragraph II, which is approved by the Department for Environment, Food and Rural Affairs, in accordance with the recommendations of the OIE Terrestrial Animal Health Code and is under the permanent control and supervision of an Authorised Veterinary Surgeon;
- 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 30 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) TUBERCULOSIS: a comparative intradermal tuberculin test with PPD tuberculins, with negative results according to Defra standard interpretation;
  - b) BRUCELLOSIS: serum agglutination test (SAT) or complement fixation test (CFT), with negative results (negative SAT means less than 30 IU/ml; negative CFT means less than 20 ICFTU/ml);
  - c) ENZOOTIC BOVINE LEUKOSIS: agar gel immunodiffusion test (AGIDT) or enzyme linked immunosorbent assay (ELISA) test, with negative results;
  - d) BOVINE VIRAL DIARRHOEA: a virus isolation test (fluorescent antibody test or immunoperoxidase test) with negative results. In the case of an animal less than six months old, the test has been deferred until that age has been reached;
- 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: serum agglutination test (SAT) or complement fixation test (CFT), with negative results (negative SAT means less than 30 IU/ml; negative CFT means less than 20 ICFTU/ml);
  - b) BOVINE GENITAL CAMPYLOBACTERIOSIS: an immunofluorescent antibody test or a culture test on a sample of preputial material, with negative results;
  - c) TRICHOMONIASIS (*Trichomonas fetus*): microscopic examination and culture test on a sample of preputial material, with negative results;

- 5) at regular 12-monthly intervals, all the bovine animals at the approved Semen Collection Centre are subjected to the following tests:
- a) TUBERCULOSIS: a comparative intradermal tuberculin test with PPD tuberculins, with negative results according to Defra standard interpretation;
  - b) BRUCELLOSIS: serum agglutination test (SAT) or complement fixation test (CFT), with negative results (negative SAT means less than 30 IU/ml; negative CFT means less than 20 ICFTU/ml);
  - c) ENZOOTIC BOVINE LEUKOSIS: agar gel immunodiffusion test (AGIDT) or enzyme linked immunosorbent assay (ELISA) test, with negative results;
  - d) BOVINE GENITAL CAMPYLOBACTERIOSIS: an immunofluorescent antibody test or a culture test on a sample of preputial material, with negative results;
- 6) INFECTIOUS BOVINE RHINOTRACHEITIS (IBR/IPV): the donor bull(s):
- \* a) originate from an approved Semen Collection Centre which only admits bovine animals that are negative to the serum neutralisation test (SNT) or enzyme linked immunosorbent assay (ELISA) test;
- OR \* b) was/were subjected to the serum neutralisation test (SNT) or enzyme linked immunosorbent assay (ELISA) test on a blood sample taken at least 21 days after collection of the last collection of semen certified for export, with negative results;
- OR \* c) an aliquot from each collection of semen certified for export was subjected to a virus isolation test with negative results;
- 7) all the tests have been carried out at laboratories approved by the competent veterinary authority;
- 8) the semen described above is derived from donor bulls which:
- a) showed no clinical signs of disease, including of Bovine Spongiform Encephalopathy (BSE), on the day(s) of semen collection;
  - b) have not been used for natural service while at the approved Semen Collection Centre;
  - c) have not been vaccinated against foot and mouth disease and epizootic haemorrhagic disease (EHD);
  - d) were born on or after 1 August 1996, the date from which the ban on the feeding of ruminants with meat-and-bone meal and greaves derived from ruminants is considered by the UK authorities to have been effectively enforced.
- 9) In respect of bluetongue virus (BTV), the semen was obtained from donor bull(s) which comply with at least one of the following conditions:
- \*i. they have been kept outside a BTV restricted zone for a period of at least 60 days before commencement of, and during, collection of the semen;
  - \*ii. they have been protected from attack from *Culicoides* likely to be competent BTV vectors for a period of at least 60 days before commencement of, and during, collection of the semen;
  - \*iii. they have been 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 21 and 60 days following the final collection for this consignment;
  - \*iv. they have been subjected, with negative results, to an agent identification test for BTV according to the OIE Terrestrial Manual carried out on blood samples collected:
    - (a) at commencement and final collection; and
    - (b) during the period of semen collection for this consignment:
      - \* i. at least every seven days, in the case of a virus isolation test,
      - \* ii. at least every 28 days, in the case of a polymerase chain reaction (PCR) test.

- 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 IU per ml streptomycin, 500 IU per ml penicillin, 150 µg per ml lincomycin, 300 µg per ml spectinomycin

**OR \***

an 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;

Stamp Signed .....RCVS

Name in block letters

.....

Authorised Veterinary Surgeon in charge of the Semen Collection Centre

Date .....

**\* Delete as appropriate**

V. I, the undersigned, hereby certify that:

- 1) the above health certificate has been issued by..... who is a veterinary surgeon authorised by the Department.
- 2) the United Kingdom is free from foot and mouth disease and rinderpest in accordance with the Office International des Epizooties (OIE) Terrestrial Animal Health Code;
- 3) the approved Semen Collection Centre in which the semen described above in paragraph I was collected is located at the centre of an area of 10 kilometres radius in which there has been no case of foot and mouth disease for at least 30 days prior to the date(s) of semen collection;

Stamp Signed ..... RCVS

.....  
Name in block letters

Date: .....

Whole time Veterinary Officer of the Department for Environment, Food and Rural Affairs/Scottish Executive Environment and Rural Affairs Department/National Assembly for Wales /Department of agriculture and rural development Northern Ireland