



**DEPARTMENT OF AGRICULTURE, FOOD AND THE MARINE**

**VETERINARY CERTIFICATE FOR THE EXPORT OF BOVINE SEMEN FROM IRELAND TO  
PAKISTAN**

Certificate No: \_\_\_\_\_

Competent Authority: DEPARTMENT OF AGRICULTURE, FOOD AND THE MARINE

Import Permit Number: .....

Official seal number(s): .....

**1. Information concerning donor bull(s)**

Identity of donor bull (name, registration number, date of birth)	Breed	Number of straws	Date(s) of collection/

Total number of straws in consignment: .....

**2. Origin of semen**

Name and address of semen collection centre:

.....  
.....

Semen collection centre approval number (in accordance with Council Directive 2008/73/EC):

.....

Name and address of exporter:

.....  
.....

.....  
Place of loading:  
.....  
.....

### 3. Destination of semen

Name and address of importer:  
.....  
.....

Means of transport:

Air ☐ Road ☐ Ship ☐ Other (specify) ☐  
.....

### 4. Health Information

I, the undersigned official veterinarian of the Department of Agriculture, Food and the Marine of the Republic of Ireland certify that:

- i) Semen for export to Pakistan was collected from clinically healthy bulls in semen collection centre(s) free from the following contagious diseases, according to official findings;
- Bovine Brucellosis,
  - Lumpy Skin Disease,
  - Contagious Bovine Pleuropneumonia,
  - Rift Valley Fever,
  - Enzootic Bovine Leukosis,
  - Rinderpest and
  - Foot and Mouth Disease.
- ii) The donor bulls, prior to entry to the approved collection centre, were subjected to a quarantine period of at least 28 days in accommodation specifically approved for the purpose by the competent authority. Prior to entry to the approved collection centre the donor bulls were tested for the following diseases, and again at least once every 12 months, using standard tests as recommended by the OIE with negative results. (Tests b - g were carried out in an official laboratory):
- a. Bovine tuberculosis (TB) by the comparative intra-dermal test;
  - b. Bovine viral diarrhoea – mucosal disease (BVD-MD), a virus isolation or viral antigen test and a serological test.

(Any animal (seronegative or seropositive) may only be allowed entry to the semen collection centre if no sero-conversion occurs in animals which tested seronegative before entry into the quarantine station. Prior to the initial dispatch of semen from BVD/MD serologically positive bulls, a semen sample from each animal shall be subjected to a virus isolation or virus antigen ELISA test for BVD/MD. In the event of a positive semen result, the bull shall be removed from the centre and all of its semen destroyed).

- c. Bovine brucellosis;

d. Infectious bovine rhinotracheitis – infectious pustular vulvovaginitis (IBR-IPV);

e. *Campylobacter fetus* ssp. *venerealis*

- in the case of animals less than six months old or kept since that age in a single sex group prior to quarantine, a single test on a sample of artificial vagina washings or preputial specimen;
- in the case of animals aged six months or older that could have had contact with females prior to quarantine, a test three times at weekly intervals on a sample of artificial vagina washings or preputial specimen;

Annually, a test on a sample of preputial specimen. Only bulls on semen production or having contact with bulls on semen production need to be tested.

f. *Trichomonas foetus*;

- in the case of animals less than six months old or kept since that age in a single sex group prior to quarantine, a single test on a sample of preputial specimen;
- in the case of animals aged six months or older that could have had contact with females prior to quarantine, a test three times at weekly intervals on a sample of preputial specimen.

Annually, a test on a sample of preputial specimen. Only bulls on semen production or having contact with bulls on semen production need to be tested.

e. Enzootic bovine leukosis (EBL).

#### **4.1 Blue Tongue Virus** (delete as appropriate):

Donor bulls comply with at least one of the following:

The donor males:

- i) showed no clinical sign of bluetongue on the day of collection and were kept in a country or zone free from bluetongue for at least 60 days before commencement of, and during, collection of the semen;
- ii) were subjected to a serological test to detect antibodies to the BTV group, with negative results, between 28 and 60 days after each collection for this consignment;
- iii) 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;

#### **4.2 The semen in this consignment:**

- i) Was collected, processed and stored in accordance with Chapters 4.6. and 4.7 of the OIE Terrestrial Animal Health Code;
- ii) Was collected from bulls that have not been used for natural service while at the approved Semen Collection Centre;
- iii) was collected in Ireland at a semen collection centre approved by the Department of Agriculture,

Food and the Marine that is under the permanent supervision of a centre veterinarian authorised by the Department of Agriculture, Food and the Marine;

- iv) was collected at a semen collection centre that is located at the centre of an area of 10 kilometers 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.
- v) \*Has had Antibiotics as listed below added to produce the following concentrations in the final diluted semen not less than:
- 500 µg streptomycin per ml final dilution,
  - 500 IU penicillin per ml final dilution,
  - 150 µg lincomycin per ml final dilution,
  - 300 µg spectinomycin per ml final dilution,

Or

\*An alternative combination of antibiotics with an equivalent effect against campylobacters, leptospire and mycoplasmas as follows:

.....  
.....  
.....

\*delete as appropriate

## 5 Official seal

I an official veterinarian, supervised the sealing of the semen transport container with an official seal prior to shipment and the number of the seal was recorded on this certificate prior to export.

Official Veterinarian

Full Name and Official Address, Veterinary Qualifications and Official Position in Capitals

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Signed \_\_\_\_\_

Dated \_\_\_\_\_

Official Stamp

**Form V** – Certificate for the Importation of animal semen

The Ministry of National Food Security and Research, the Government of Pakistan has requested that the below form, *Form V*, is completed for and, accompanies each consignment of bovine semen exported to Pakistan.

SPECIMEN