

Overseas Market Access Requirements Notification - Animal Products Act 1999

Regulation & Assurance Branch, Animal and Animal Products Directorate, Ministry for Primary Industries

Ref: AE-CL-05

Date: 21 January 2016

BOVSEM.CL 29 January 2016 – BOVINE SEMEN TO CHILE

1. Statutory authority

Pursuant to section 60, section 60A, section 62(1) and section 167 of the Animal Products Act 1999 I notify the following:

- (i) the issue under section 60 of the export requirements for Bovine Semen to Chile BOVSEM.CL 29.JAN.2016;
- (ii) the revocation of OMAR B BOVSEMEC.CHI 11.03.11 – Bovine Semen to Chile;
- (iii) the determination under section 62(1) of the format and content of the official assurance for Bovine Semen to Chile.

This notice takes effect from the 29th of January 2016.

Dated at Wellington this 26th day of January 2016.

Signed: Howard Pharo
Manager Imports & Exports Animals
Animal & Animal Products Directorate
Regulation & Assurance Branch
(acting under delegated authority)

2. Chile requirements

Bovine semen exported from New Zealand to Chile must be accompanied by an official assurance in the form of a completed zoosanitary certificate.

The zoosanitary certificate as specified below must be completed and certified, after due enquiry, by an Official Veterinarian of the Ministry for Primary Industries.

Explanatory note:

If the zoosanitary certificate is not certified then the bovine semen does not satisfy the conditions in the notice. Likewise, if the bovine semen does not satisfy the zoosanitary requirements in the certificate, then the certificate will not be certified.



NEW ZEALAND MINISTRY FOR PRIMARY INDUSTRIES

HEALTH CERTIFICATE / CERTIFICADO SANITARIO

For the exportation of bovine semen to Chile / **Para la exportación a Chile de semen bovino**

Certificate N° / **Certificado N°**:.....

SECTION I / SECCION I: ORIGIN / ORIGEN

Country of origin⁽¹⁾:
Pais de Origen⁽¹⁾: NEW ZEALAND **Region⁽²⁾:**
Región⁽²⁾:

Competent Authority:
Autoridad Competente: MINISTRY FOR PRIMARY INDUSTRIES

Name of exporter:.....
Nombre del Exportador:

Establishment of origin:.....
Establecimiento de procedencia:

Address:
Dirección:
.....

Official registration number:.....
Número Oficial:

Telephone number:..... Fax number:.....
Número de Teléfono: **Número de fax:**

SECTION II / SECCION II: DESTINATION / DESTINO

Name of the consignee:.....
Nombre del consignatario:

Address:
Dirección:
.....

Telephone number:..... Fax number:.....
Número de Teléfono: **Número de fax:**

Port of entry:
Puerto de ingreso:

Container N°⁽³⁾:
N° Contenedor⁽³⁾:

Seal N°⁽³⁾:
N° de precinto⁽³⁾:

SECTION III / SECCION III: IDENTIFICATION OF DONOR ANIMALS / IDENTIFICACIÓN DE LOS ANIMALES DONANTES

Number of animals:.....

Número de animales:

Identification / Identificación			Breed / Raza	Age / Edad	Date entry onto centre / Fecha ingreso al centro	Residency / Permanencia		Nº doses / Nº dosis	Date semen collection / Fecha recolección del semen
Ear tag Nº / Nº autocrotal	Registration Nº / Nº registro	Name / Nombre				Permanent / Permanente	Temporary / Temporal		

SECTION IV / **SECCION IV**: HEALTH CERTIFICATION / **CERTIFICACIÓN SANITARIA**

The undersigned Official Veterinarian declares to have read and understood the Chilean regulations that govern the importation of bovine semen pursuant to the exempt Resolution in force and certifies the following:

El Veterinario Oficial abajo firmante declara haber leído y comprendido las regulaciones chilenas que rigen la internación do semen bovino según la Resolución Exenta vigente y certifica lo siguiente:

1. HEALTH STATUS OF THE COUNTRY OR ZONE OF ORIGIN / CONDICIÓN SANITARIA DEL PAIS O ZONA DE PROCEDENCIA

New Zealand is officially free of foot-and-mouth disease (without vaccination), rinderpest, Rift Valley fever, lumpy skin disease, contagious bovine pleuropneumonia, brucellosis, Q fever, bluetongue and vesicular stomatitis according to the of criteria of the OIE; and this situation has been favourably evaluated by Chile.

Nueva Zelandia está oficialmente libre de Fiebre Aftosa (sin vacunación), Peste Bovina, Fiebre del Valle del Rift, Dermatitis Nodular Contagiosa, Pleuroneumonía Contagiosa Bovina, Brucelosis, Fiebre Q, Lengua Azul y Estomatitis vesicular ante la Organización Mundial de Sanidad Animal; y esta condición sanitaria ha sido evaluada favorablemente por Chile.

2. SEMEN PRODUCTION CENTRE / DEL CENTRO PRODUCTOR DE SEMEN

2.1 Is approved to export in accordance with the country of origin's legislation in force and complies with the requirements of the OIE *Terrestrial Animal Health Code*, in its latest version.

Está habilitado para exportar de conformidad con la legislación vigente en el país de origen y cumple los requisitos señalados por el Código Sanitario de los Animales Terrestres de la O.I.E., en su última version.

2.2 Is under the supervision of veterinarians who are approved by the Official Veterinary Service of the country of origin.

Está bajo la supervisión de médicos veterinarios del Servicio Veterinario Oficial del país de origen.

2.3 Is under the direct supervision of a centre veterinarian employed by the centre.

Está bajo la supervisión directa de un médico veterinario empleado por el Centro.

2.4 Maintains a daily register of the health status of the resident animals.

Mantiene un registro diario de salud de los animales residentes.

2.5 Is physically isolated from other livestock farming establishments and takes biosecurity measures that assure the health status of the animals.

Está físicamente aislado de otros establecimientos ganaderos y mantiene condiciones de bioseguridad que garantizan el estado sanitario de los animales.

2.6 The staff of the centre works exclusively for the care of the resident animals.

El personal que labora en él es de dedicación exclusiva para el cuidado de los animales residentes.

3. ORIGIN OF THE ANIMALS / ORIGEN DE LOS ANIMALES

3.1 They originate from premises that are free of brucellosis, tuberculosis and leukosis.

Proviene de predios libres de Brucelosis, Tuberculosis y Leucosis.

3.2 Regarding bluetongue and vesicular stomatitis:

Acerca de Lengua Azul y Estomatitis Vesicular:

a) They originate from a country or zone that is recognised by Chile as free;

Proviene de un país o zona libre reconocida por Chile;

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- b) ~~They originate from premises that are under supervision and/or control programmes.~~
Proviene de predios bajo programas de vigilancia y/o control.

(Delete as appropriate / **Tachar la opción según corresponda**)

- 3.3 They have completed a pre-entry quarantine that complies with the requirements of the country's health authorities, during which they were subjected, with negative results, to the routine diagnostic tests that take place on the centre. For bovine viral diarrhoea, the animals were tested using an antigen-capture ELISA.
Han realizado una cuarentena de pre-entrada que cumple con lo establecido por las autoridades sanitarias del país, durante la cual han sido sometido con resultados negativos a las pruebas diagnósticas de rutina que se efectúan en el Centro. Para el caso de Diarrea Viral Bovina, han sido sometidos a una prueba de ELISA de captura de antígeno para dicha enfermedad.

4. HEALTH STATUS OF THE INSEMINATION CENTRE / **CONDICIÓN SANITARIA DEL CENTRO DE INSEMINACIÓN**

- 4.1 In the (indicate name of the insemination centre), during the ninety (90) days prior to shipment, there has been no clinical evidence of the following diseases: brucellosis, tuberculosis, leukosis, vesicular stomatitis, bluetongue, infectious bovine rhinotracheitis/infectious pustular vulvo-vaginitis (IBR/IPV), leptospirosis, paratuberculosis, campylobacteriosis and trichomonosis.
En el (indicar nombre del Centro de Inseminación), durante los 90 días previos al embarque, no se han presentado evidencias clínicas de las siguientes enfermedades: Brucelosis, Tuberculosis, Leucosis, Estomatitis Vesicular, Lengua Azul, IPV/IBR, Leptospirrosis, Paratuberculosis, Campylobacteriosis y Tricomoniasis.
- 4.2 The animals resident on the centre were subjected to the testing programme outlined in the Resolution in force, number 1.2.3 letter c) of resolution 1.
Los animales residentes del Centro..... fueron sometidos al programa de pruebas señaladas en la Resolución vigente, número 1.2.3 letra c) del resuelvo 1.

5. HEALTH STATUS OF THE DONOR ANIMAL / **CONDICIÓN SANITARIA DEL ANIMAL DONADOR**

- 5.1 Complies with the requirements described in Section 1.2.2 of the Resolution in force related to the admission of bulls into the centre.
Cumple con los requisitos descritos en el punto 1.2.2 de la Resolución vigente que dice relación a la admisión de los toros en el Centro.
- 5.2 Was born or has lived in the country for the last twelve (12) months prior to the collection of semen for export to Chile.
Nació o ha permanecido en el país en los últimos 12 meses antes de la recolección del semen con destino a Chile.
- 5.3 At the time, the donor animal was not known to carry recessive genes causing genetic defects, and in the case of Holstein-Friesian donors, they have been subjected to a BLAD test, with negative results.
A la fecha, no es conocido portador de genes recesivos causantes de defectos genéticos, y los donantes de las razas Holstein Friesian han sido sometidos a una prueba BLAD negativa.
- 5.4 Was subjected to an analysis to determine its blood group or DNA profile, with a signed blood group or DNA profile certificate of the donor bull attached, issued by the accredited laboratory that carried out the analysis.
Ha sido sometido a análisis para determinar grupo sanguíneo o huella genética, adjuntando copia del certificado del grupo sanguíneo o huella genética del toro donador, otorgado por el laboratorio acreditado que efectuó el análisis.

5.5 During the six (6) months preceding the collection of semen for export to Chile, the donor bull was subjected, with negative results, to the following diagnostic tests in official laboratories or laboratories recognised by Chile, and/or vaccinations or treatments as appropriate; or in the case of IBR/IPV, the batch of semen exported from the donor has been submitted to tests accepted by Chile (virus isolation or PCR of semen):

El toro donador ha sido sometido con resultados negativos, dentro de los 6 meses anteriores a la recolección de semen con destino a Chile a las siguientes pruebas diagnósticas en laboratorios oficiales o reconocidos por Chile y/o vacunaciones o tratamientos según corresponda; o en caso de IBT/IPV el lote de semen exportado de ese donador ha sido sometido u una de las pruebas diagnósticas aceptadas por Chile (aislamiento viral o PCR en semen):

Table of diseases per animal / **Tabla de enfermedades por animal**

Disease / Enfermedad	Test/Treatment/Vaccination/Recognised zone ⁽⁴⁾ / Prueba/Tratamiento/Vacuna/Zona reconocida⁽⁴⁾	Date of sample taken / Fecha toma de muestras
Brucellosis / Brucelosis	Recognised free / Reconocido libre	
Q fever / Fiebre Q	Recognised free / Reconocido libre	
Bluetongue / Lengua Azul	Recognised free / Reconocido libre	
IBR/IPV / IPV/IBR		
Vesicular stomatitis / Estomatitis vesicular	Recognised free / Reconocido libre	
Campylobacteriosis (Campylobacter fetus subsp. venerealis)		
Trichomonosis / Tricomoniasis		
Leptospirosis		
Paratuberculosis		
Bovine tuberculosis / Tuberculosis bovina		
Enzootic bovine leukosis / Leucosis bovina enzoótica		

These diagnostic tests will not be required if the Official Veterinary Service certifies that the country or zone is free of the disease(s) mentioned above and this situation has been favourably evaluated by Chile.

Estas pruebas nos serán exigibles si el Servicio Veterinario Oficial certifica que el país o la zona está libre de la(s) enfermedad (es) señalada (s) precedentemente, condición que deberá haber sido previamente evaluada favorablemente por Chile.

6. SEMEN / DEL SEMEN

6.1 The semen was collected, processed and stored in accordance with the OIE *Terrestrial Animal Health Code* and the Chilean regulations in force.

El semen fue colectado, procesado y almacenado de acuerdo a lo establecido en el Código Zoonosanitario Internacional de la O.I.E y a la normativa chilena vigente.

6.2 The semen was diluted using aseptically prepared extender to which antibiotics had been added (in the lines below indicate the antibiotics and the concentrations used).

El semen fue diluido usando diluyentes estériles a los cuales se les ha agregado antibióticos (debe indicarse en el espacio más abajo los antibióticos y las concentraciones utilizadas).

.....

.....

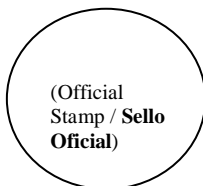
.....

6.3 Only disinfected containers and fresh liquid nitrogen, which had not been used before for other purposes, were used for storage of the semen.
Para el almacenamiento del semen sólo se han utilizado frascos esterilizados y nitrógeno fresco no usado para ningún otro propósito.

6.4 After collection and until dispatch, the semen was held in containers exclusively for the export to Chile or with semen that was at least of the same health status as that for export to Chile; and kept separated from any other semen.
El semen, después de su recolección y hasta su despacho, fue conservado en contenedores exclusivos para la exportación a Chile o con semen que cumple como mínimo las mismas exigencias que las que se deben alcanzar para exportar a Chile; y separado de cualquier otro semen.

In / **En:** on / **a:** (5)

..... (6)



..... (7)

Notes / **Notas**

- (1) Write in bold and capital letters. / **Escribir en mayúsculas y negrita.**
- (2) Only to be completed if the authorisation to export to Chile is restricted to particular regions in the authorised country. / **Sólo debe rellenarse si la autorización para exportar a Chile está restringida a determinadas regiones del país autorizado.**
- (3) Strikethrough if not applicable. / **Tachar si no corresponde.**
- (4) Indicate in the box as applicable. / **Estado la opción según corresponda.**
- (5) Indicate place and date of issue. / **Indicar lugar y fecha de expedición.**
- (6) The signature and the stamp must be a colour different to the text. / **La firma y el sello deben ser en un color distinto al del texto.**
- (7) Name and surname of the Official Veterinarian in capital letters, indicating position. / **Nombre y Apellidos del Veterinario Oficial en letras mayúsculas, con cargo.**

Note: the Official Veterinarian must sign, date and stamp each page of the veterinary certificate and, where applicable, all documents (e.g. laboratory reports) that form part of the extended health certification.

NOTA. El Veterinario Oficial debe firmar, fechar y sellar todas las páginas del certificado veterinario, y cuando sea pertinente, todos los documentos anexados (por ejemplo, los informes de laboratorio) que formen parte de la certificación de salud.

EXPORT CERTIFICATION

(This is not part of the official certification)

COMMODITY: BOVINE SEMEN

COUNTRY: CHILE

NOTES: This certificate replaces the one dated 1 March 2013 (OMAR dated 11 March 2011).

It is based on the revised Resolution N° 5786 for the importation of bovine semen into Chile, dated 21 October 2008 as amended by Resolution N° 3162 dated 1 June 2010. The replaced version was approved by SAG on 11 March 2011 and the only change made is to the notes page: enzootic bovine leukosis certification basis (EBL eradication programme removed).

1. An Import Permit is **not** required.
2. Section IV, the first statement: A professionally translated version of Resolution N° 5786 (dated 21 October 2008) is attached.
3. This certificate requires BLAD testing for Holstein donor bulls.
4. Section I: Origin: the 'establishment of origin' refers to the semen production/collection centre.
5. Section II: The container number and seal number can be struck out if not applicable. The consignment does not need to be sealed by the official veterinarian.
6. Clause 2.6: This clause can be certified on the basis that the person(s) caring for the animals will not be involved with non-centre animals during their centre duties. In other words, they should strictly abide by procedures that do not compromise the biosecurity of the centre and donor animals.
7. Clause 3.1: Regarding enzootic bovine leukosis, this clause should be certified on the basis of no animal on the premises having shown clinical signs of enzootic bovine leukosis for at least three (3) years.
8. The genetic tests referred to in clause 5.3 and clause 5.4 fall outside of the scope of the Export Laboratory Program (ELP).
9. Clause 5.5: Where the testing option is chosen for leptospirosis, the *Leptospira* serotypes to be tested for in New Zealand are Pomona and Hardjobovis.
10. Clause 5.5: Where the treatment option is chosen for leptospirosis, other 'approved' treatment regimens are a single subcutaneous injection of long-acting oxytetracycline at the rate of 20 mg/kg BW, and one or two (48 hours apart) intramuscular injections of amoxicillin at the rate of 15 mg/kg BW.
11. Clause 5.5: Regarding the treatment option for leptospirosis, the second injection of dihydrostreptomycin should be administered during the three (3) days prior to the **first** collection of semen. This treatment should be regarded as being valid for 6 months from the day of injection (similar to the testing requirements of clause 5.5).
12. Clause 5.5: For bovine tuberculosis, the date of injecting the tuberculin should be used where the table asks for 'date of sampling'.
13. Clause 5.5: With regard to the testing for IBR/IPV, clause 5.5 should not be interpreted as requiring IBR/IPV testing, by means of virus isolation or PCR, of every batch of semen being exported to Chile. Rather, the second part of the clause is an option that may be used if the donor bulls have not been subjected to a diagnostic test for IBR/IPV in the six (6) months preceding the collection of semen for export to Chile. This change to the conditions of the resolution has been agreed to by SAG in Chile.

Every batch of semen exported to Chile must meet one of the following requirements, in respect of IBR/IPV:

- during the six (6) months prior to the collection date of the batch of semen being exported, the donor bull has been serologically tested, with negative results, using a virus neutralisation test (negative at a dilution of 1:8) or an ELISA; or
- a semen sample collected from the donor bull during the six (6) months prior to the collection date of the batch of semen being exported has been tested, with a negative result, using a virus isolation test or a real-time PCR test (the donor can be vaccinated or IBR positive on serology); or
- a sample from the batch of semen being exported to Chile has been tested, with negative result, using a virus isolation test or a real-time PCR test (the donor can be vaccinated or IBR positive on serology).

14. Clause 6.4: In this context, the phrase ‘semen that was at least of the same health status’ should be interpreted as being semen from bulls that were tested, with negative results, for the same diseases as required by Chile.
15. Prior to collecting semen for export to Chile, the semen centre veterinarian must check that the semen centre is listed as a centre eligible to export to Chile. This information is available on the MAF register of approved centres: <http://www.biosecurity.govt.nz/exports/animals/agencies/semen-embryo-reg-info>.
- If the centre is not listed as being eligible to export to Chile, please contact the Animal Exports Group at MAF Biosecurity New Zealand in Wellington, so that they can notify Chile of the centre’s approval.
16. Clarification for point 1.2.3 c) of Resolution N° 5786 (regarding ‘Resident animals’): Where semen collection centres are not IBR/IPV free (e.g. when periodic IBR vaccination of all resident animals is being carried out), the required 12-monthly IBR/IPV testing applies only to the donor animals residing on the semen collection centre, not the teaser animals.

Section 61A of the Animal Products Act 1999 states that ‘The Crown is not liable, and nor is the Director-General or any employee of the Ministry liable, for any loss arising through the refusal or failure of the relevant authority of an overseas market to admit export animal material or animal product to that market’.

SE-1

SETTING HEALTH REQUIREMENTS FOR THE IMPORTATION OF FROZEN BOVINE SEMEN TO CHILE AND REVOKING RESOLUTION NO 1259 (1996) AND 2374 (1997).

SANTIAGO, 21 October 2008

No. 5786/ OBSERVED THAT: In accordance with the Chilean Agriculture and Livestock Service (SAG) Act No 18.755 (Chilean Public Act of Parliament*2); the Animal Health and Protection Decree with -Force-of-Law DFL RRA. No 16 (1963); the Ministry of External Affairs Decree No. 16 (1995) that proclaims the “Marrakech Agreement” which established the World Trade Organisation, and the Annexed Agreements; i.e. for the application of health and plant health measures; SAG resolutions number 1259 of 1996; 2374 of 1997; 3138 of 1999 and 1150 of 2000 and the recommendations of the OIE *Terrestrial Animal Health Code*.

WHEREAS

1. That the Chilean Agriculture and Livestock Service (SAG) is the Public Organisation that guarantees Animal Health;
2. That SAG’s function is to adopt the required measures in order to avoid the introduction of diseases that could affect Animal Health;
3. That is necessary to match national standards to the reference international Organisations standards.

IT HAS BEEN DECIDED TO

1. Set the following health requirements for the importation of bovine semen to Chile:

1.1 IDENTIFICATION OF THE SEMEN CONSIGNMENT

- a) Name and address of the semen production centre.
- b) Identification of the donor animal/s.
- c) Donor/s date of entry onto the centre.
- d) Donor/s registration number.
- e) Semen collection date.
- f) Number of doses per donor.
- g) Identification of the insemination units (straws, ampoules or tubes).
- h) Packing units.

1.2 HEALTH CERTIFICATION

1.2.1 SEMEN PRODUCTION CENTRE

- a) The country or the zone of origin is declared officially free of foot-and-mouth disease without vaccination, rinderpest, Rift Valley fever, lumpy skin disease and contagious bovine pleuropneumonia before the World Animal Health Organisation and this situation has been favourably evaluated by Chile.
- b) The Veterinary Services of the country of origin have been favourably evaluated by Chile.

- c) Is approved to export in accordance with the country of origin legislation in force and complies with the requirements of the OIE *Terrestrial Animal Health Code*, in its latest version.
- d) The Insemination Centres, from which semen is exported to Chile, are authorised by SAG to do so.
- e) Is under the official supervision of the Official Veterinary Service.
- f) Is under the direct supervision of a veterinarian employed by the centre.
- g) Maintains a daily register of the health status of all resident animals.
- h) Is physically isolated from other livestock farming establishments and maintains biosecurity measures.
- i) The staff of the centre works exclusively in the care of the resident animals.

1.2.2 ADMISSION OF BULLS ONTO THE CENTRE

The only animals admitted onto the centre are those who:

- a) Originate from premises that are free of brucellosis, tuberculosis and leukosis.
- b) Originate from premises under supervision and/or control programmes for bluetongue and vesicular stomatitis. This will not be required if the Official Veterinary Service certifies that the country or area is free of the disease(s) mentioned above and this situation has been favourably evaluated by Chile.
- c) Have completed a pre-entry quarantine that complies with the requirements of the country's health authorities, during which they were subjected, with negative results, to the routine diagnostic tests that take place in the centre. For bovine viral diarrhoea, the animals were tested using an antigen-capture ELISA test, an indirect immunoperoxidase test, a combined RT-PCR test and ELISA antigen test, or an immunohistochemistry test.

1.2.3 RESIDENT ANIMALS

- a) They comply with the requirements described in Section 1.2.2 related to the admission of bulls onto the centre.
- b) During the 6 months preceding the collection of semen for export to Chile, all resident animals on the semen production centre were subjected to ongoing health inspections overseen by the centre veterinarian, during which no clinical signs of infectious or contagious diseases that may be transmitted via semen were noted.
- c) Every 12 months, all animals were subjected to diagnostic tests for the following diseases, with negative results in each case, or to vaccinations or treatments as appropriate:
 - **Brucellosis:** using a Rose Bengal or buffered brucella antigen test or a complement fixation test (negative is a titre of less than 30 UI) or serum agglutination test or ELISA.
 - **Campylobacteriosis (Campilobacter fetus subsp. venerealis):** using a direct immunofluorescent test or culture of a preputial sample.
 - **Vesicular stomatitis:** using an ELISA, a virus neutralisation test or virus isolation.
 - **IBR/IPV:** using a virus neutralisation test (negative at a dilution of 1:8), ELISA, virus isolation or real-time PCR.
 - **Bluetongue:** using an agar-gel immunodiffusion (AGID) test or ELISA or virus neutralisation test or the tests described in Section 1.2.4 e) for this particular disease.

- **Enzootic bovine leukosis:** using an agar-gel immunodiffusion (AGID) test or ELISA.
- **Leptospirosis:** using a microscopic agglutination test (negative is a titre of less than 50% agglutination at a 1:100 dilution); or treatment with two injections of dihydrostreptomycin (using a dose rate of 25 mg/kg of live weight at an interval of approximately 14 days), with the second injection administered during the 3 days prior to the first collection of semen for Chile; or another approved antibiotic by the Official Veterinary Service; or has been vaccinated.
- **Paratuberculosis:** using an ELISA or a complement fixation test or faecal culture.
- **Trichomonosis:** using microscopic examination and culture of a preputial sample.
- **Bovine tuberculosis:** using a single intradermal tuberculin test with mammalian PPD in accordance with the country's official standards.

1.2.4 DONOR ANIMAL

- a) Complied with the requirements described in Section 1.2.2 related to the admission of bulls onto the centre.
- b) Was born or has lived in the country for the last 12 months prior to collection of semen for export to Chile.
- c) At the time, the donor animal was not known to carry recessive genes causing genetic defects, and in the case of Holstein Friesian donors, they have been subjected to a BLAD test, with negative results.
- d) Was subjected to an analysis to determine its blood group, and a signed blood group certificate of the donor bull is attached, or a DNA profiling test, issued by the accredited laboratory that carried out the analysis.
- e) During the 6 months preceding the collection of semen for export to Chile, the donor bull was subjected, with negative results, to the following diagnostic tests and/or vaccinations or treatments as appropriate:
 - **Brucellosis:** using a rose Bengal or buffered brucella antigen test or a complement fixation test (negative is a titre of less than 30 UI) or serum agglutination test or ELISA.
 - **Campylobacteriosis (*Campilobacter fetus subsp. venereal*):** using a direct immunofluorescent test or culture of a preputial sample.
 - **Vesicular stomatitis:** using an ELISA, a virus neutralisation test or virus isolation.
 - **Fiebre Q:** using an ELISA.
 - **IBR/IPV:** using a virus neutralisation test (negative at a dilution of 1:8), ELISA, virus isolation or real-time PCR.
 - **Bluetongue:**
 - The donor animals were subjected, with negative results, to a serological test to detect antibodies against the bluetongue virus acting in the area. This test was done between 21 and 60 days after the last collection of semen for export to Chile and in compliance with the requirements of the OIE *Terrestrial Animal Health Code*, or:
 - The donor animals were subjected, with negative results, to a test for the identification of the Bluetongue aetiological agent from blood samples and in compliance with the requirements of the OIE *Terrestrial Animal Health Code*, and the samples were taken at the beginning, at the end and at least every 7 days (virus isolation test) or every 28 days (polymerase chain reaction, PCR) during the semen collection period.

- **Leptospirosis:** using a microscopic agglutination test (negative is a titre of less than 50% agglutination at a 1:100 dilution); or treatment with two injections of dihydrostreptomycin (using a dose rate of 25 mg/kg of live weight at an interval of approximately 14 days), with the second injection administered during the 3 days prior to the first collection of semen for Chile; or another approved antibiotic by the Official Veterinary Service; or has been vaccinated.
- **Enzootic bovine leukosis:** using an agar-gel immunodiffusion (AGID) test or ELISA.
- **Paratuberculosis:** using an ELISA or a complement fixation test or faecal culture.
- **Trichomonosis:** using microscopic examination and culture of a preputial sample.
- **Bovine tuberculosis:** using a single intradermal tuberculin test with mammalian PPD in accordance with the country's official standards.

The diagnostic tests described in sections 1.2.3 and 1.2.4 will not be required if the Official Veterinary Service certifies that the country or zone is free of the disease(s) mentioned above and this situation has been favourably evaluated by Chile.

1.2.5 SEMEN

- a) The semen was collected, processed and stored in accordance with the OIE *Terrestrial Animal Health Code* and the Chilean regulations in force.
 - b) The semen was diluted using aseptically prepared extender to which antibiotics had been added. Must indicate the antibiotics and the concentrations used.
 - c) Only disinfected containers and fresh liquid nitrogen, which had not been used before for other purposes, were used for storage of the semen.
 - d) After collection and until dispatch, the semen was held in containers exclusively for the export to Chile or with semen that was at least of the same health status as that for export to Chile, and kept separated from any other semen.
2. The consignment must be accompanied by an official health certificate, which can be drawn up according to the following model, or must at least contain all the information required by the model. Also, the certificate must be issued in the official language of the country of origin and in Spanish.

Translator's Notes:

*¹ Diario Oficial de Chile: Name of the Chilean Official Gazette

*² Leyes Orgánicas: These refer to "Basic laws and statutes affecting individual rights and duties, approved by Parliament, giving legal effect to the Constitution; approx public general acts of Parliament."

Section 61.A of the Animal Products Amendments Act 2005 states that 'The Crown is not liable, and nor is the Director-General or any employee of the Ministry liable, for any loss arising through the refusal or failure of the relevant authority of an overseas market to admit export animal material or animal product to that market'.