Ministry for Primary Industries
Manatū Ahu Matua

Animal Products Notice

Bovid Semen to the United States of America

USSEM05

Effective from 21 March 2024

Issued under the Animal Products Act 1999

Te Kāwanatanga o Aotearoa
New Zealand Government

TITLE

Animal Products Notice: Bovid Semen to the United States of America (OMAR)

COMMENCEMENT

This Animal Products Notice comes into force on 21 March 2024

REVOCATION

This Animal Products Notice revokes and replaces:

- BOVSEM.TZ, Bovine Semen to the United States of America, 20 August 2020.

ISSUING AUTHORITY

This Animal Products Notice is issued under sections 167(1) and 60(1) of the Animal Products Act 1999.

Dated at Wellington, 20 March 2024

Trish Mead
Manager Animal Health & Exports (acting)
Ministry for Primary Industries
(acting under delegated authority of the Director-General)

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Contents

Introduction

This introduction is not part of the Animal Products Notice, but is intended to indicate its general effect.

Purpose

The purpose of this document is to set out the zoosanitary requirements necessary to export compliant Bovid Semen from New Zealand to the United States of America.

Background

The Animal Products Act 1999 provides the controls and mechanisms needed to give and to safeguard official assurances or zoosanitary certificates to facilitate the entry of animal material including live animals, hatching eggs, semen and embryos, and products into overseas markets.

Notices issued as Overseas Market Access Requirements (OMARs) under section 60(1)(a) and (b) of the Animal Products Act specify the requirements that are necessary or desirable for the purpose of facilitating access to overseas markets or are in accordance with the requirements of the relevant authority of the importing country.

OMARs may also determine the form and content of the official assurances that can be issued for animal material or product, including live animals, hatching eggs, semen or embryos, which meet the specified requirements.

Where the OMAR determines the form and content of the official assurances, a separate export certificate template is available to authorised persons, recognised persons and registered exporters who have applied for access to the certificate templates, to facilitate the completion and issuing of the relevant official assurance. That template will be an amendable version of the form set in the OMAR.

Notices issued under section 60(1)(c) of the Animal Products Act to safeguard the assurances provided by New Zealand, and guidance in the form of Operational Codes, should be read in conjunction with this Notice.

This OMAR specifies the requirements that must be met by exporters of Bovid Semen to be exported from New Zealand to the United States of America and determines the form and content of the official assurance that must accompany the Bovid Semen to be exported. The OMAR was issued after consultation with the United of States of America to address their requests for changes to the previous OMAR .

Who should read this Animal Products Notice?

Exporters of Bovid Semen to the United States of America.

Operators of Export Approved Premises collecting Bovid Semen for export to the United States of America.

Why is this important?

This Notice is important because it sets out the requirements that need to be met so that the Director-General of the New Zealand Ministry for Primary Industries (MPI) can certify that the Bovid Semen meet the requirements for export to the United States of America which New Zealand, in consultation with the government of the United States of America, has determined will apply. It should be noted that although the Bovid Semen may comply with these requirements and be given an official assurance (by way of a certificate), the importing country ultimately retains control over what Bovid Semen it clears for entry.

Document History

Version Date	Section Changed	Change(s) Description
21/03/2024	All sections	• New OMAR format. • Under the Information concerning Animal Donor: the table has been updated to include the Official ID/NAIT RFID and batch number. • Under country freedom: – The addition of the Ephemeral fever. • Under Donor Animals: – Clause 3.3 the inclusion of other evidence of bovine tuberculosis.

Other information

Export non-conformances

Exporters should note that, under section 51 of the Animal Products Act 1999, where they have exported animal material or products, including live animals, hatching eggs, semen and embryos, that are refused entry by the foreign government they have a statutory duty to notify the Director-General of MPI not later than 24 hours after they have first knowledge of the event.

Liability

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.

Related documents

OMAR documents can be downloaded from https://www.mpi.govt.nz/export-requirements/omars-for-live-animals-Semen-and-embryos/

When you click on the + symbol on the right-hand side of any OMAR document, you can view the related information and documents (guidance document and export certificate template).

The export certificate for this OMAR is provided for in Bovid Semen *to the United States of America (Export Certificate)*. The export certificate is password-protected through a RealMe ® account.

Part 1: Requirements

1.1 Application

(1) This Notice applies to the export of bovine semen from New Zealand to the United States of America.

1.2 Definitions

(1) In this Notice, unless the context otherwise requires:

Act means the Animal Products Act 1999

USDA APHIS means Animal and Plant Health Inspection Service U.S Department of Agriculture.

(2) A term used in this Notice that is defined in the Act or the following Notices (or their successors) has the meaning given to it in the Act or that Notice:

a) *Animal Products Notice: Official Assurances Specifications for Animal Material and Animal Products.*
b) *Animal Products Notice: Specifications for Laboratories.*
c) *Animal Products Notice: Export Approved Premises*.

(3) This Notice applies to the export of Bovid Semen collected in New Zealand from donor animals of the following species to the United States of America:

a) Bovine / cattle (Bos taurus, Bos indicus, Bison bison),
b) Water buffalo (Bubalus bubalis), and
c) Yak (Bos grunniens)

1.3 Requirements for export

(1) Resident bulls:

a) Resident herd bulls temporarily taken out of semen production and held at another location must be maintained in a herd of equal health status to the resident herd from which the bull originated, and must be re-tested for bovine trichomoniasis and bovine campylobacteriosis when re-joining the resident herd. The routine testing regimen (as defined for the resident herd) must be resumed prior to the release of semen that was processed after the bull's return to production. **Re-testing for bovine trichomoniasis and bovine campylobacteriosis is not required for bulls that have been transferred directly between MPI Approved semen collection centres under the supervision of the MPI Approved Veterinarian.**
b) All bulls or mount animals in the resident herd must be maintained in continuous isolation from all animals susceptible to ruminant diseases that have not completed all the test procedures outlined herein with negative results. At any time that an individual bull or mount animal from the resident tested herd is permitted contact with an untested animal, he must be removed immediately from the resident tested herd and not be permitted re-entry until such time as he has completed another cycle of isolation and the tests prescribed.

(2) Mount animals (applicable to all semen collections):

a) Mount animals used during semen collection must be submitted to the same regimen of periodic health tests as bulls in semen production and be maintained continuously in a health testing status equivalent to the bulls.
b) Mount animals may not be interchanged between the resident herd and the isolation testing environments.
c) Areas of contact by the erect penis or of genital secretions upon the hair coat or skin of a mount must be effectively and thoroughly disinfected between successively mounting bulls.

d) Mount animals intended to enter an MPI-approved AI Centre shall be healthy and free of infectious or contagious diseases and may not originate from a herd under quarantine.

(3) Bovine semen must be routed directly to the United States from New Zealand with no stops en route other than those provided on the USDA APHIS import permit.

(4) Unless otherwise specified, all assays must be performed according to the current criteria listed in the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals.

(5) Bovine semen exported from New Zealand to the United States of America must be accompanied by an official assurance in the form of a zoosanitary certificate, a sample version of which is included in Part 2.

(6) A zoosanitary certificate must be completed and issued by an authorised person.

(7) In order to issue a zoosanitary certificate, the authorised person must be satisfied that:

a) A permit to import the bovine semen has been issued by the competent authority of the United States of America.
b) The proposed shipment otherwise meets the requirements of this Notice.

1.4 Specific requirements for the zoosanitary certificate

(1) Bovid Semen exported from New Zealand to the United States of America must be accompanied by an official assurance in the form of a zoosanitary certificate, a sample version of which is included in Part 2.

(2) A zoosanitary certificate must be completed and issued by an authorised person.

(3) In order to issue a zoosanitary certificate, the authorised person must be satisfied that:

a) A permit to import the Bovid Semen has been issued by the competent authority of the United States of America.
b) The proposed shipment otherwise meets the requirements of this Notice.

(4) With regard to Clause 4.1 and Clause 4.3 for bovine tuberculosis – The intradermal TB test must be the Caudal Fold Tuberculin (CFT) test as prescribed in New Zealand's Pest Management Plan for Bovine Tuberculosis. There must be at least 60 days between consecutive tests.

1.5 Laboratories

(1) Where this Notice requires laboratory testing to be undertaken for official purposes the testing, unless otherwise stated must be done in laboratories recognised by MPI for this testing.

Part 2: Zoosanitary Certificate

Certificate No: ……

NEW ZEALAND MINISTRY FOR PRIMARY INDUSTRIES

ZOOSANITARY CERTIFICATE

Commodity: BOVID SEMEN

To: UNITED STATES OF AMERICA

Exporting Country: NEW ZEALAND

Competent Authority: MINISTRY FOR PRIMARY INDUSTRIES

Import Permit No.: .....

I: INFORMATION CONCERNING THE DONOR ANIMAL(S) AND SEMEN

Name of donor & Breed	Age	Herd Book / Registration No.	Official ID / NAIT RFID	Collection date	Batch number / Collection code	Straw ID	Number of straws

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

II: ORIGIN OF THE SEMEN

Name, address and registration number of exporter:	
Name and address of semen collection centre (SCC):	
Registration number of semen collection centre:	

III: DESTINATION OF SEMEN

Name of importer:	
Address of importer:	
Name, address of consignee (if different):	
Port of arrival:	

IV: TRANSPORT

Means of transport:	
Port of departure:	

V: SANITARY INFORMATION

VETERINARY CERTIFICATE

I, an Official Veterinarian of the New Zealand Ministry for Primary Industries, certify, after due enquiry in regard to the animal(s) and semen listed in this Zoosanitary Certificate, that:

1. COUNTRY FREEDOM

1.1 New Zealand is free of Foot-and-Mouth Disease (FMD), Surra, Contagious Bovine Pleuropneumonia, Bluetongue, Akabane, Aino, brucellosis (*Brucella abortus* & *B. melitensis*), Ephemeral Fever and Epizootic Hemorrhagic Disease (EHD).

1.2 No cases of disease caused by Schmallenberg virus have been detected or reported in New Zealand.

2. SEMEN COLLECTION CENTRE

2.1 The semen was collected, processed, and stored in semen collection centre(s) approved by the New Zealand Ministry for Primary Industries MPI), under the direct supervision and sanitary control of a centre veterinarian(s) approved by the New Zealand Ministry for Primary Industries. The approval number(s) for each centre is listed on the certificate.

2.2 No clinical evidence of bovine tuberculosis, leptospirosis, bovine genital campylobacteriosis, or trichomonosis was reported on the semen collection centre since the most recent herd test and on the day of collection of the semen for export.

3. DONOR ANIMAL(S)

3.1 The donor animal(s) was/were part of New Zealand's national herd for at least sixty (60) days prior to collection of the semen for export, and during this time was/were not under restriction or movement control due to notifiable diseases of cattle that would make it/them ineligible as donor(s) of semen for export to the United States of America.

3.2 The donor animal(s) was/were resident for at least twelve (12) months prior to entry into pre-entry isolation in a herd that was officially free from bovine tuberculosis.

3.3 For at least twelve (12) months prior to the collection of semen for export to the United States, there was no clinical or other evidence of bovine tuberculosis, leptospirosis, bovine genital campylobacteriosis, or trichomoniasis in the donor animal(s), or on any premises on which the donor animal(s) was/were resident during the twelve (12) months prior to collection of the semen for export.

3.4 For at least sixty (60) days prior to collection of the semen for export, the donor animal(s) was/were not corralled, pastured, or held with animals of lesser health status which would make them ineligible as donor animal(s) of semen for export to the United States.

3.5 The donor animal(s) was/were inspected during pre-entry isolation and on the day of semen collection and was/were found to be free of clinical evidence of infectious and contagious bovine diseases transmissible by semen.

3.6 The donor animal(s) was/were not used for natural service during pre-entry isolation and while resident on the semen collection centre.

3.7 *[The donor animal(s) was/were transferred directly between MPI Export Approved Premises under the Supervision of an MPI Approved Veterinarian, and did not come into contact with any animal(s) not of an equivalent health status throughout the transfer]

** Delete if not applicable*

4. DONOR ANIMAL(S) TESTING

4.1 The donor animal(s) was/were tested for bovine tuberculosis, with negative results to the intradermal test with PPD tuberculin, prior to entry onto the semen collection centre, and during this time was kept isolated from animal(s) not of an equivalent health status.

Certificate No: ……

4.2 The donor animal(s) was/were isolated under the supervision of the approved Centre Veterinarian, for at least twenty-eight (28) days prior to entry onto the semen collection centre, and was/were tested, with negative results, to the following diseases:

4.2.1 **Bovine genital campylobacteriosis** (*Campylobacter fetus* subsp. *venerealis*)

either *[4.2.1.1 The donor animal(s) aged six (6) months or older that could have had contact with females prior to quarantine, has/have had three (3) tests by PCR or culture of preputial specimens, collected at weekly intervals, with negative results.

or *[4.2.1.2 The donor animal(s) less than six (6) months old or kept since that age only in a single sex group prior to quarantine, has/have had one test by PCR or culture of a preputial specimen, with negative results.

** Delete if not applicable*

4.2.2 **Trichomonosis** (*Trichomonas fetus*)

either *[4.2.2.1 The donor animal(s) aged six (6) months or older that could have had contact with females prior to quarantine, has/have had three (3) tests by PCR or culture of preputial specimens, collected at weekly intervals, with negative results.

or *[4.2.2.2 The donor animal(s) less than six (6) months old or kept since that age only in a single sex group prior to quarantine, has/have had one test by PCR or by culture of a preputial specimen, with negative results.

** Delete if not applicable*

4.3 The donor animal(s) was/were resident on the semen collection centre and was/were tested, with negative results, for the following diseases within a 12-month period prior to collection, or post collection of the semen for export to the USA:

4.3.1 **Bovine tuberculosis**: intradermal test with PPD tuberculin;

Date of test (read): .....

4.3.2 **Bovine genital campylobacteriosis** (*Campylobacter fetus* subsp. *venerealis*): one test by PCR or culture of a preputial specimen;

Test type/Date sample taken: .....

4.3.3 **Trichomonosis** (*Trichomonas fetus*): one test by PCR or culture of a preputial specimen;

Test type/Date sample taken: .....

4.4 **Bovine viral diarrhoea (BVD):**

4.4.1 The donor animal(s) was/were tested, with negative results, using a virus isolation or ELISA(Ag) or PCR, prior to entry onto the semen collection centre.

4.4.2 For **persistent testicular infection**; the donor animal(s) was/were resident on the semen collection centre and within the twelve (12) months prior to collection of semen for export to the United States of America;

either *[4.4.2.1 was/were tested with a serological antibody test, with negative results.

Test type(s)/date: .....]

or *[4.4.2.2 an aliquot of semen was tested, with negative results, using a virus isolation or PCR.

Test type(s)/date: .....]

** Delete if not applicable*

4.5 The testing was undertaken at a laboratory approved by the New Zealand Ministry for Primary Industries.

5. SEMEN COLLECTION, PROCESSING AND STORAGE

5.1 The semen was collected and processed under the supervision of the Centre Veterinarian in accordance with the current criteria of the WOAH Terrestrial Animal Code, Chapter 4.6 and 4.7, and placed in

individual straws that are permanently marked with the name of the donor, the donor's registration number, and the date of collection.

5.2 All ruminant products used in semen extenders were sourced from countries considered by USDA as free from FMD.

5.3 Antibiotics were added to neat semen and extender in amounts and combinations approved by APHIS. The names and concentrations of antibiotics added are as follows:

.....

.....

5.4 After collection and until dispatch, the semen was held in containers with semen that was at least of an equivalent tested health status, under the supervision of the Centre Veterinarian.

6. TRANSPORT

6.1 The shipping container was only filled with new (virgin) liquid nitrogen, and was:

either *[6.1.1 new.]

or *[6.1.2 examined by the team veterinarian, found to be clean and empty of embryos and other biological materials, and disinfected prior to its use using:

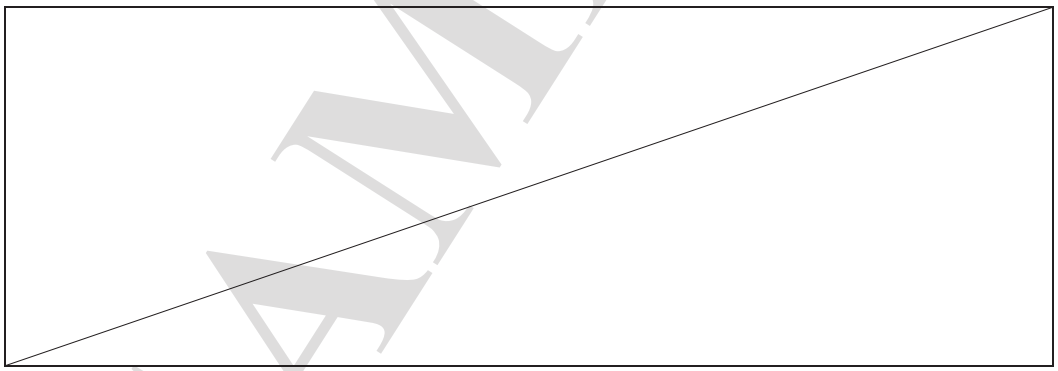
Name and active ingredient: .....

Date of disinfection: .....]

** Delete if not applicable*

6.2 Prior to shipment, the container with the semen identified above was sealed with an official seal by an Official Veterinarian.

Number of the seal .....



.....

Signature of Official Veterinarian Official Stamp and Date

Ministry for Primary Industries

Name and Address

NB: The Official Veterinarian must sign, date and stamp each page of the veterinary certificate using a different colour ink to the paper and the print.