CHAPTER 45

MODEL ANIMAL HEALTH CERTIFICATE FOR THE ENTRY INTO THE UNION OF CONSIGNMENTS OF STOCKS OF *IN VITRO* PRODUCED EMBRYOS OF BOVINE ANIMALS PRODUCED, PROCESSED AND STORED IN ACCORDANCE WITH COUNCIL DIRECTIVE 89/556/EEC BEFORE 21 APRIL 2021, CONCEIVED USING SEMEN COMING FROM SEMEN COLLECTION OR STORAGE CENTRES APPROVED BY THE COMPETENT AUTHORITY OF THE EXPORTING THIRD COUNTRY OR TERRITORY, DISPATCHED AFTER 20 APRIL 2021 BY THE EMBRYO PRODUCTION TEAM BY WHICH THE EMBRYOS WERE PRODUCED (MODEL "BOV-in-vitro-EMB-D-ENTRY")

COUNTRY United States			**Animal Health Certificate to the EU**		
Part I: Description of consignment	**I.1 Consignor/Exporter** Name Address Country ISO country code		**I.2 Certificate Reference** **I.3 Central Competent Authority** **I.4 Local Competent Authority**	**I.2a IMSOC Reference** **QR CODE**	
	I.5 Consignee/Importer Name Address Country ISO country code		**I.6 Operator Responsible for the Consignment** Name Address Country ISO country code		
	I.7 Country of Origin ISO country code		**I.9 Country of Destination** ISO country code		
	I.8 Region of Origin Code		**I.10 Region of Destination** Code		
	I.11 Place of Dispatch Name Registration/Approval No Address Country ISO country code		**I.12 Place of Destination** Name Registration/Approval No Address Country ISO country code		
	I.13 Place of Loading		**I.14 Date and Time of Departure**		
	I.15 Means of Transport ☐ Aircraft ☐ Vessel ☐ Railway ☐ Road vehicle Identification		**I.16 Entry Border Control Post** **I.17**		

I.18	**Transport Conditions**	☐ Ambient	☐ Chilled	☐ Frozen
I.19	**Container Number/Seal Number**			
	Container No		Seal No	
I.20	**Certified as or for**			
		☐ Germinal products		

I.21	**☐ For Transit**	**I.22**	**☐ For Internal Market**
	Third country ISO country code	**I.23**	

I.24 Total Number of Packages	**I.25 Total Quantity**	**I.26**

I.27 Description of Consignment

CN code	Species	Subspecies/Category	Identification Number	Quantity

Type	Approval or Registration Number of Plant/Establishment/Centre	Identification Mark	Date of Collection/Production	Test

II. Health information	II.a Certificate Reference	II.b IMSOC Reference

Part II: Certification

I, the undersigned, official veterinarian of ……United States……. certify that:
(exporting country) (1)

II.1. The embryos to be exported

II.1.1. were produced in the exporting country, which according to official findings:

II.1.1.1 was free from rinderpest during the 12 month period immediately prior to their production;

(2) *either* [II.1.1.2. was free from foot-and-mouth disease and lumpy skin disease during the 12 month period immediately prior to their production and did not carry out vaccination against foot-and-mouth disease or lumpy skin disease during that period.]

(2) *or* [II.1.1.2. was not free from foot-and-mouth disease or lumpy skin disease during the 12 month period immediately prior to their production or carried out vaccination against foot-and-mouth disease or lumpy skin disease during that period, and

- the embryos were produced without penetration of the *zona pellucida,*
- the embryos were stored under approved conditions for at least 30 days immediately after their production,
- the donor females come from holdings on which no animal was vaccinated against foot-and-mouth disease or lumpy skin disease during the 30 days prior to collection and no animal of a susceptible species showed clinical signs of foot-and-mouth disease or lumpy skin disease during the 30 days prior to, and at least the 30 days after, the oocytes were collected.]

II.1.2. were produced by the embryo production team (3) which:

- had been approved in accordance with Chapter I of Annex A to Directive 89/556/EEC;
- carried out the production, processing, storing and transport of the embryos in accordance with Chapter II of Annex A to Directive 89/556/EEC;
- was subject to inspection by an official veterinarian at least twice a year.

II.2. The oocytes used in the production of the embryos to be exported were collected on premises situated in an area of at least 10 km radius centred on them, on which according to official findings there was no occurrence of foot-and-mouth disease, epizootic haemorrhagic disease, vesicular stomatitis, Rift Valley fever, contagious bovine pleuropneumonia or lumpy skin disease in the 30 days immediately prior to their collection and until their dispatch to the Union, in case of fresh embryos, or during the 30 days after collection, in case of embryos subject to a mandatory storage for at least 30 days in accordance with point II.2.2.

II.3. From the time of collection of the oocytes until 30 days thereafter or, in the case of fresh embryos, until the day of dispatch, the embryos to be exported were stored on premises situated in an area of at least 10 km radius centred on them, on which according to official findings there was no occurrence of foot-and-mouth disease, vesicular stomatitis, Rift Valley fever, contagious bovine pleuropneumonia or lumpy skin disease.

II.4. The donors of oocytes used in the production of the embryos to be exported:

II.4.1. were located, during the 30 days immediately prior to collection of the oocytes, on premises within a 10-km radius of which, according to official findings, there was no occurrence of foot-and-mouth disease, bluetongue, epizootic haemorrhagic disease, vesicular stomatitis, Rift Valley fever, contagious bovine pleuropneumonia or lumpy skin disease;

II.4.2. showed no clinical signs of disease on the day of collection;

II.4.3. spent the 6 months immediately prior to collection within the territory of the exporting country in no more than two herds:

- which, according to official findings, were free from tuberculosis during that time,
- which, according to official findings, were free from brucellosis during that time,
- which were free from enzootic bovine leukosis or in which no animal showed clinical signs of enzootic bovine leukosis during the previous 3 years,
- in which no bovine animal showed clinical signs of infectious bovine rhinotracheitis/infectious pustular vulvo-vaginitis during the previous 12 months.

~~(2) *either* [II.4.4. were kept in a bluetongue virus-free country or zone for at least 60 days prior to, and during, collection of the oocytes.]~~

~~(2) *or* [II.4.4. were kept during a seasonally free period or protected from the vector for at least 60 days prior to, and during, the collection of the oocytes, and the embryos were produced without penetration of the *zona pellucida,* except if the donors underwent a serological test to detect antibodies to the bluetongue virus group, carried out in accordance with the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals between 21 and 60 days after collection and giving negative results and the embryos were stored for at least 30 days.]~~

[2] *or* [II.4.4. underwent a serological test to detect antibodies to the bluetongue virus group, carried out in accordance with the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals between 21 and 60 days after collection and giving negative results, and the embryos were stored for at least 30 days.]

[2] *or* [II.4.4. underwent an agent identification test, carried out in accordance with the OIE Manual of Diagnostic Tests and Vaccines for Terrestrial Animals on a blood sample taken on the day of collection or the day of slaughtering and giving negative results – the embryos having been produced, in the latter case, without penetration of the *zona pellucida*.]

II.5. The embryos to be exported were conceived by *in vitro* fertilisation using semen coming from semen collection or storage centres approved for the collection, processing and/or storage of semen by the competent authority of a third country or a part thereof listed in Annex I to Implementing Decision 2011/630/EU [4] or by the competent authority of a Member State.

Notes

This animal health certificate is intended for the entry into the Union of embryos of bovine animals, including when the Union is not the final destination of the embryos.

In accordance with Article 3(a) of Directive 89/556/EEC, the *in vitro* produced bovine embryos using semen from semen centres approved by the exporting third country or territory, entered into the Union subject to the conditions laid down in this animal health certificate are excluded from intra-Union trade.

In accordance with the Agreement on the withdrawal of the United Kingdom of Great Britain and Northern Ireland from the European Union and the European Atomic Energy Community, and in particular Article 5(4) of the Protocol on Ireland/Northern Ireland in conjunction with Annex 2 to that Protocol, references to the Union in this animal health certificate include the United Kingdom in respect of Northern Ireland.

This animal health certificate shall be completed in accordance with the notes for the completion of certificates provided for in Chapter 4 of Annex I to Commission Implementing Regulation (EU) 2020/2235.

Part I:

Box reference I.11: "Place of dispatch": Indicate the unique approval number and the name and address of the embryo collection or production team of dispatch of the consignment of embryos. Only embryo collection or production teams listed in accordance with Article 8(2) of Directive 89/556/EEC on the Commission website: http://ec.europa.eu/food/animal/semen_ova/bovine/ova_embryos_en.htm .

Box reference I.12: "Place of destination": Indicate the address and unique registration or approval number of the establishment of destination of the consignment of embryos.

Box reference I.19: Seal number shall be indicated.

Box reference I.24: Total number of packages shall correspond to the number of containers.

Box reference I.27: "Species": Select amongst "*Bos taurus*", "*Bison bison*" *or* "*Bubalus bubalis*" as appropriate.
"Type": Select "*in vitro* produced embryos".
"Identification number": Indicate the identification number of each donor animal.
"Identification mark": Indicate the mark on the straw or other packages where embryos of the consignment are placed.
"Date of collection/production": Indicate the date on which embryos of the consignment were collected or produced.
"Approval or registration number of plant/establishment/centre": Indicate the unique approval number of the embryo production team by which embryos of the consignment were produced, processed and stored; and listed in accordance with Article 8(2) of Directive 89/556/EEC on the Commission website: http://ec.europa.eu/food/animal/semen_ova/bovine/ova_embryos_en.htm .
"Quantity": Indicate the number of straws or other packages with the same mark.

Part II:

(1) Only third country or territory, or zone thereof listed in Annex IX to Commission Implementing Regulation (EU) 2021/404 for embryos of bovine animals.

(2) Delete if not applicable.

(3) Only embryo production teams listed in accordance with Article 8(2) of Directive 89/556/EEC on the Commission website: http://ec.europa.eu/food/animal/semen_ova/bovine/ova_embryos_en.htm.

(4) Only third country or territory, or zone thereof listed in Annex IX to Implementing Regulation (EU) 2021/404 for semen of bovine animals.

Official veterinarian

Name (in capital letters)

Date

Qualification and title

Stamp

Signature