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CHAPTER 11.13.

**INFECTIOUS BOVINE
RHINOTRACHEITIS / INFECTIOUS PUSTULAR
VULVOVAGINITIS**

Article 11.13.1.

General provisions

For the purposes of the *Terrestrial Code*, the *incubation period* for infectious bovine rhinotracheitis/infectious pustular vulvovaginitis (IBR/IPV) shall be 21 days.

Standards for diagnostic tests and vaccines are described in the *Terrestrial Manual*.

Article 11.13.2.

Country or zone free from IBR/IPV

1. Qualification

To qualify as free from IBR/IPV, a country or *zone* must satisfy the following requirements:

- a. the *disease* or suspicion of the *disease* is notifiable;
- b. no animal has been vaccinated against IBR/IPV for at least 3 years;
- c. at least 99.8% of the *herds* are qualified as free from IBR/IPV.

2. Maintenance of free status

For a country or *zone* to maintain its status free from IBR/IPV:

- a. a serological survey should be carried out annually on a random sample of the cattle population of the country or *zone* sufficient to provide a 99% level of confidence of detecting IBR/IPV if it is present at a prevalence rate exceeding 0.2% of the *herds*;
- b. all imported bovines comply with the provisions of Article 11.13.4.;
- c. all imported bovine semen and embryos/ova fulfil the requirements referred to in Articles 11.13.6. or 11.13.7., and in Article 11.13.8., respectively.

Article 11.13.3.

Herd free from IBR/IPV1. Qualification

To qualify as free from IBR/IPV, a *herd* of cattle must satisfy the following requirements:

- a. all the animals in the *herd* have been subjected to a diagnostic test for IBR/IPV on a blood sample on two occasions with negative results, at an interval of not less than 2 months and not more than 12 months; or
- b. if the *herd* contains only dairy cattle of which at least a quarter are lactating cows, each of the latter has been subjected to a diagnostic test on individual milk samples carried out on three occasions at intervals of 2 months with negative results;
- c. animals introduced into the *herd* after the first tests referred to in point a) or point b) as relevant have been:
 - i. kept in an IBR/IPV free *herd*; or
 - ii. placed in isolation for a period of 30 days, and during this period have been subjected to a diagnostic test for IBR/IPV on a blood sample on two occasions with negative results, at an interval of not less than 21 days;
- d. all bovine semen and embryos/ova introduced into the *herd* after the first tests referred to in point a) or point b) as relevant have fulfilled the conditions provided in Articles 11.13.6. or 11.13.7. and in Article 11.13.8., respectively.

2. Maintenance of free status

For a *herd* to maintain its status free from IBR/IPV, it must be subjected to the following tests with negative results:

EITHER

- a. diagnostic tests for IBR/IPV on blood samples for all the animals repeated at maximum intervals of 12 months; in *herds* composed entirely of fattening animals, blood sampling may be limited to animals sent for *slaughter*;

OR

- b. diagnostic tests on individual milk samples from all lactating cows repeated at intervals of 6 months; *Veterinary Authorities* applying an IBR/IPV eradication programme may extend these intervals (under study) if more than 98% of *herds* have been free from the *disease* for at least 3 years; and
- c. diagnostic tests on blood samples for IBR/IPV of all breeding bulls repeated at maximum intervals of 12 months;

AND

- d. diagnostic tests on blood samples for IBR/IPV of all cattle having aborted after more than 3 months of gestation.

Animals introduced into the *herd* must satisfy the conditions provided in point 1c) above, and semen and embryos/ova used in the *herd* must satisfy the conditions provided in Articles 11.13.6. or 11.13.7. and in Article 11.13.8., respectively.

Article 11.13.4.

Recommendations for the importation of cattle destined for IBR/IPV free herds

Veterinary Authorities of importing countries should require the presentation of an *international veterinary certificate* attesting that the animals:

1. showed no clinical sign of IBR/IPV on the day of shipment;
2. come from an IBR/IPV free *herd*, or
3. were kept in a *quarantine station* for the 30 days prior to shipment and were subjected to a diagnostic test for IBR/IPV on a blood sample on two occasions with negative results, at an interval of not less than 21 days.

Article 11.13.5.

Recommendations for the importation of cattle intended for herds not qualified as free from IBR/IPV

Veterinary Authorities of importing countries should require the presentation of an *international veterinary certificate* attesting that the animals:

1. showed no clinical sign of IBR/IPV on the day of shipment;
2. were vaccinated with an inactivated virus vaccine not less than one month and not more than 6 months prior to shipment.

Article 11.13.6.

Recommendations for the importation of fresh semen

Veterinary Authorities of importing countries should require the presentation of an *international veterinary certificate* attesting that:

1. the donor animals were kept in an IBR/IPV free *herd* at the time of collection of the semen;
2. the semen was collected, processed and stored in conformity with the provisions of Chapter 4.5. and Chapter 4.6.

Article 11.13.7.

Recommendations for the importation of frozen semen

Veterinary Authorities of importing countries should require the presentation of an *international veterinary certificate* attesting that:

1. the donor animals were kept in an IBR/IPV free *herd* at the time of collection of the semen; or

2. the donor animals were held in isolation during the period of collection and for the 30 days following collection and were subjected to a diagnostic test for IBR/IPV on a blood sample taken at least 21 days after collection of the semen, with negative results; or
3. if the serological status of the bull is unknown or if the bull is serologically positive, an aliquot of each semen collection was subjected to a virus isolation test or PCR, performed in accordance with the *Terrestrial Manual*, with negative results; and
4. the semen was collected, processed and stored in conformity with the provisions of Chapter 4.5. and Chapter 4.6.

Article 11.13.8.

Recommendations for the importation of embryos/ova

Veterinary Authorities of importing countries should require the presentation of an *international veterinary certificate* attesting that the embryos/ova were collected, processed and stored in conformity with the provisions of Chapters 4.7., 4.8. and 4.9., as relevant.