

(Empowered Under Section 8 of Animal Rules, 1962)

REGULATIONS FOR THE IMPORTATION OF BOVINE EMBRYO FROM SOUTH AFRICA INTO PENINSULA MALAYSIA

- A. Animal Species : Cattle
- B. Product : Embryo (frozen)
- C. Country of Export : Republic of South Africa
- D. Regulations for importation :

The consignment of embryo shall be accompanied by:

1. An import license issued by the **Director General of Veterinary Services, Malaysia** or the **State Director of Veterinary Services** concerned permitting the import of such embryo into Malaysia.

2. A certificate signed by a Government Veterinary Authority of the Republic of South Africa certifying that:

2.1 The embryo is derived from an embryo collection centre which is under the supervision of a Registered Expert team leader and is licensed by the Government of the Republic of South Africa.

2.2 The province wherein this collection centre is located has been free from **Foot and Mouth Disease, Vesicular Stomatitis, Contagious Bovine Pleuropneumonia, Rift Valley fever and Rinderpest** for a period of three (3) months immediately preceding the collection of embryo and until the time of export.

2.3 During the pre-collection period the donors were not vaccinated against Rift Valley fever or Lumpy Skin Disease.

2.4 During the pre-collection period but at least 21 days prior to embryo collection the donors were treated with an approved systemic parasiticide effective against internal and external blood sucking parasites.

3. A declaration by the Registered Expert Team Leader in charge of the embryo collection centre certifying and endorsed by the Government Veterinary Authority that:

3.1 The embryo in the consignment is derived from animals which had been kept in the collection centre for at least forty two days (42) immediately prior to the date of collection.

3.2 The animals in the centre are free from any clinical signs of Enzootic Bovine Leucosis.

3.3 No general outbreak of disease has been diagnosed in the collection centre in the two months preceding the collection of embryo.

3.4 The donors (bulls and cows) were subjected to the following tests with negative results within forty-two (42) days prior to first collection:

3.4.1 **Tuberculosis** by tuberculin tests.

3.4.2 **Infectious Bovine Rhinotracheitis** by serum neutralization test and show sero-stability with not more than a four-fold rise in titres.

3.4.3 **Brucella abortus** by complement fixation test (CFT).

3.4.4 **Leptospirosis** by microscopic agglutination test (MAT) or embryo donor(s) were treated with 2 injections of dihydrostreptomycin sulphate at 25 mg./kg seven to fourteen days apart. Indicate date of treatment. The last injection should not be within 48 hours from first collection.

3.4.5 **Campylobacter fetus subsp. venerealis** (for donor bulls) by culture and isolation of organisms.

3.4.6 **Bovine Viral Diarrhea-Mucosal Disease (BVD-MD)** by virus neutralisation test or ELISA.

3.4.7 **Lumpy skin disease** by SNT or ELISA or for vaccinated animals, did not show more than four-fold post-collection rise in titre when pre-collection and post-collection samples were tested side by side.

3.5 All the embryo in this consignment were collected, processed, identified, stored and transported in accordance with the current ,approved, practice of Ministry of Agriculture and Land Affairs, RSA.

3.6 All biological products of animal origin used directly in the collection, processing, washing or storage of the embryo were of **HALAL** (non-porcine) origin and free from pathogenic micro-organisms. Media and solutions used in the collection, freezing and storage of embryo were sterilised by approved methods and handled in such a manner to ensure that sterility was maintained.

3.7 The embryo for export, all of equivalent health status, were identified and placed under the supervision of the official veterinarian in fresh liquid nitrogen in a container(s) which was properly disinfected according to the IETS manual.

3.8 The embryo has been stored since the end of the collection period until export in an approved / registered Quarantine Centre.

3.9 The container was sealed and the number or mark on the seal recorded on the certificate prior to export.

**Department of Veterinary Services
Ministry of Agriculture & Agro-based Industry, Malaysia
Putrajaya**

(Date last amended: 2nd April, 2007)