



SCREENING CHAPTER 12
FOOD SAFETY, VETERINARY AND PHYTOSANITARY POLICES

**AGENDA ITEM 9: TRADE IN LIVE ANIMALS,
SEMEN, OVA AND EMBRYO**

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CONTENTS

- I. LEGAL BASIS
- II. REQUIREMENTS FOR LIVE ANIMALS FOR PRODUCTION AND SLAUGHTERING
- III. REQUIREMENTS FOR BREEDING ANIMALS
- IV. STRUCTURAL REQUIREMENTS AND RULES FOR SEMEN AND EMBRYO PRODUCTION CENTERS
- V. IMPORT REQUIREMENTS FOR SEMEN AND EMBRYO



I. LEGAL BASIS



- Law no. 3285 on Animal Health Control
- Law no. 4631 on Improvement of Animal Breeds
- Implementing Regulation on Animal Health Control
- Implementing Regulation on the Registration and Monitoring of Bovines
- Implementing Regulation on the Animal Establishments Management, Work, Inspection System and Principles
- Implementing Regulation on Establishment, Work System and Principles of Embryo and Sperm Production Centers



II. REQUIREMENTS FOR LIVE ANIMALS FOR PRODUCTION AND SLAUGHTERING



Basic rule applicable to all species

In case of an occurrence of a compulsorily notifiable disease, any movement of animals from and to outbreak area is prohibited



Documentary Requirements (1)

For Bovine, Ovine and Caprine;

- ✓ Certificate of Origin (CO)
- ✓ Passport for bovine animals,
- ✓ Vaccination Certificate for FMD (maximum 6 months before dispatch).
- ✓ Veterinary Health Report
- ✓ Disinfection Certificate



Documentary Requirements (2)

For Equine Animals;

- ✓ Certificate of Origin
- ✓ Mallein Test for Glander,
- ✓ Passport/pedigree for racing/sporting horses,
- ✓ Animal identification documents for other equines are required.
- ✓ Veterinary Health Report
- ✓ Disinfection Certificate



Documentary Requirements (3)

For Cats and Dogs;

- ✓ CO
- ✓ Rabies Vaccination Card
- ✓ Veterinary Health Report

For Bee-keeping and Fish Farms;

- ✓ CO is required (except fish farms).
- ✓ Veterinary Health Report
- ✓ Disinfection Certificate



Other Requirements

- Transport vehicles should be disinfected and a disinfection document should be prepared.
- Veterinary Health Report and Vehicle Disinfection Document should accompany during transportation
- Those who carry required documents are allowed to trade



Requirements for Animal Markets

- Authorized and inspected by MARA
- During the entry of the animals to the market, checks are done by official veterinarians.
- CO/ Veterinary Health Report is required.
- Bovine should have eartags to enter the market.



III. REQUIREMENTS FOR BREEDING ANIMALS



Health conditions of candidate stud bulls

- The bulls' herd of origin should be officially free from brucellosis and tuberculosis
- The bulls should be free from Enzootic Bovine Leucosis (EBL) and the dams of bulls should be sero-negative for EBL.
- Candidate stud bulls are tested against brucellosis, tuberculosis, leucosis bovine enzootique, bovine viral diarrhoea and infectious bovine rhinotracheitis during 30 days prior to leaving the herd



IV. STRUCTURAL REQUIREMENTS AND RULES FOR SEMEN AND EMBRYO PRODUCTION CENTERS



Semen and Embryo Production Centers

Approved and inspected monthly by Provincial Directorates and annually by MARA central unit

- Employ Veterinarian as responsible person for management and operations
- Far from settlements
- So constructed that contact with livestock outside and animal diseases is prevented
- Isolated from settlements within 10 km radius where foot and mouth disease has not occurred at least for 30 days



Structural Requirements for Semen and Embryo Production Centers

- Administrative Unit
- Sterilization Unit
- Semen Processing Unit
- Semen Storage Unit
- Semen Collection Unit
- Shelter for the animals
- Pre-reception Unit
- Feed Storage

Semen processing unit should be separate from semen storage unit and both units should be separate from animal shelter.



Other Structural Requirements

Quarantine Sections

- should be isolated, suitable for disinfection and other measures
- should be far from settlements within 10 km radius where foot and mouth disease has not occurred at least for 30 days
- free from brucellosis and foot and mouth disease at least for 3 months
- free from other compulsorily notifiable diseases at least for 30 days



Conditions for Transfer of the Candidate Bulls to Quarantine Sections

- Vehicles used should be disinfected and isolated
- Animal should not show clinical sign and symptoms of infectious or contagious diseases during the transport
- Tests should be carried out in an officially approved laboratory
- Animals is admitted to centre only with the permission of the official veterinarian



Tests Carried out During Quarantine

- Brucellosis
- Campylobacter foetus
- Trichomonas foetus
- bovine viral diarrhoea (BVD)
- infectious bovine rhinotracheitis (IBR)

Additionally, bulls are treated with streptomycine or equivalent antibiotic two times by 14 days interval



Routine Test of the Bulls

- Tuberculosis, Paratuberculosis (annually)
- Brucellosis (twice a year)
- Enzootic Bovine Leucosis (annually)
- Bovine Viral Diarrhea (twice a year)
- Infectious Bovine Rhinotracheitis (four times a year)
- Campylobacter Foetus (annually)
- Trichomoniasis (annually)
- Leptospirosis (annually)

Test results should be negative

If one of the tests result is positive

- ✓ bulls are excluded from the production, and
- ✓ semen destroyed which collected after the last negative test



V. IMPORT REQUIREMENTS FOR SEMEN AND EMBRYO



- Requirements set by Turkey should be met by
 - ✓ exporting country
 - ✓ production centers where semen and embryo are produced
 - ✓ bulls and dams from which semen and embryo is collected

- The Importer Country should be a member of ICAR (International Committee for Animal Recording)



Requirements for Bovine Semen

Bulls' capacity qualification to be checked (except the health conditions)

- Relative breeding value, milk.
- Repeatability
- Relative breeding value, fat and protein
- Score for feet-legs and udder (for Holstein)

Requirements for Goat and Ram Semen

- In one dose of frozen semen, number of motil spermatozoit and microorganisms should be taken into account
- Donor goat and ram should be passed from progeny test



Principles for Import of Embryos

- Embryo should be examined by the breeding value of the bull and production value of its dam
- Importer Country should be a member of ICAR (International Committee for Animal Recording),

Embryos' dams' first lactation capacity

Embryos' Bulls'

- Relative breeding value, milk.
- Repeatability
- Relative breeding value, fat and protein
- Score for feet-legs and udder (for Holstein)



THANK YOU FOR YOUR ATTENTION