

MAFRA Notification No. 2015 - 132

This is to revise the import health requirements for horses as follows in accordance with Article 34 and Clause 2 of the Livestock Epidemics Prevention and Control Act.

September 16, 2015
Minister of Agriculture, Forestry, and Rural Affairs

Import Health Requirements for Horses

Article 1 (Purpose) The purpose of these import health requirements are to stipulate necessary information such as details for quarantine and the animal health status, etc., regarding horses exported to the Republic of Korea (animals of equine genus including horses, mules, and donkeys, etc.: hereinafter referred to as the “horses for export”).

Article 2 (Birth/Raising) Horses for export shall be raised in the region/state from which they are exported since they were born or raised for at least 60 days prior to shipping. Multiple States may be visited during the 60 days prior to export and must meet the requirements listed for export.

Article 3 (Freedom from Contagious Livestock Diseases) (1) There shall be no confirmed cases of dourine, glanders, African horse sickness, Venezuelan equine encephalitis, and equine vesicular stomatitis in a region/state from which the horses are exported for 2 years prior to shipping, and no vaccination shall be conducted against those diseases.

(2) There shall be no confirmed cases of West Nile fever (WNF) in the region/state from which the horses are exported for at least 60 days before the export quarantine commences. Nevertheless, in case the exported horses are from a region/state where there was a confirmed case of WNF, they shall be tested negative for WNF using the test method shown in Attachment 1 or they shall be vaccinated.

(3) For at least the 6 months prior to shipping, there shall have been no confirmed cases of equine infectious anaemia, contagious equine metritis, equine piroplasmiasis, equine viral arteritis, strangles, rabies, horse pox, mange, Salmonella abortus equi, surra, pseudotuberculosis, or anthrax on the farm(s) where the horses stayed for the 60 days before export.

Article 4 (Export Quarantine) (1) The horses for export shall be held in a USDA/APHIS approved export quarantine facility/place under the supervision of a USDA accredited veterinarian for at least 7 days prior to shipping.

(2) The horses for export shall not be in contact with horses other than the ones for export to Korea during the export quarantine.

(3) The horses for export shall be healthy, free of clinical signs of infectious or contagious diseases, and the test results for external parasites shall be normal.

(4) After entering the quarantine facility/place, the horses for export shall be tested for the diseases listed in Attachment 1 at a laboratory recognized by the government of the exporting country with negative results. However, despite the test requirement per Attachment 1, the test for the equine encephalitis (EEE and WEE) can be exempted, even for the equine encephalitis affected countries, if the following conditions are met:

1. The horses for export shall be free of clinical signs of equine encephalitis for 3 months prior to and on the day of shipping.
2. The horses for export shall be raised at a quarantine facility for 21 days prior to shipping and protected from insect vectors during the quarantine and while transported to the place of shipping OR they shall be vaccinated at least 15 days before but not more than 1 year prior to shipping.

(5) Vaccination against equine viral arteritis (EVA) is permitted for stallions only, but they shall meet the test requirements in the exporting country for vaccinated stallions described in Attachment 2. For EVA vaccinated stallions which are to be subjected to the mating test during the import quarantine in Korea, two heads of mares negative to EVA shall be imported per stallion.

(6) The horses for export shall be vaccinated against equine influenza or receive booster injection within 21 days and 90 days of shipping. However, no vaccination is required if the exporting country has been free of equine influenza for at least 2 years prior to shipping.

Article 5 (Export Health Certificate) A government veterinary officer of the exporting country shall issue an export health certificate that includes the following information written in Korean or English prior to shipping:

1. Information stipulated in Articles 2 and 3
2. Information stipulated in Article 4, and the information on the date, method and results of the lab tests conducted for each animal in accordance with Attachment 1. In case of EVA vaccinated stallions (as well as mares for the mating test), the following information is to be provided in addition per the conditions described in Attachment 2:
 - 1) Pre-vaccination test: date of blood collection, date/method/results of the test
 - 2) Post-vaccination test: date of blood collection, date/method/results of the test (for each test)
 - 3) (A) Mating test
 - (1) Pre-mating test: date of blood collection, date/method/results of the test

(2) Post-mating test: date of mating, date of blood collection, date/method/
/results of the test, and clinical signs of the mares until the completion
of the quarantine.

OR (B) Virus isolation on semen testing: date of semen collection, date/method/
/results of the test

3. Identification number, sex, and age of the horse for export
4. If vaccinated, type of vaccine and date of vaccination
5. Name and address of the export quarantine facility/place, and the quarantine period
6. Name of vessel or airplane, date and place of shipping
7. Address and name (company name) of the exporter and the importer
8. Issuance date and place of the export health certificate, and the affiliation/title/name/signature of the issuer

Article 6 (Hay and litter, etc.) Hay, litter, and feed used during the quarantine or transportation shall be clean, not contaminated by contagious livestock disease pathogens, and they shall not be supplemented during transportation.

Article 7 (Transportation) Other horses of the sanitary condition not equivalent to that of the horses for export shall not be transported on the same vessel or aircraft.

Article 8 (Disinfection) The cages and the loading space, etc. of the vehicles, vessels, or aircrafts used for the transportation of the horses for export shall be washed and disinfected using a disinfectant approved by the government of the exporting country before use.

Article 9 (Disqualification Measure) If noncompliance to these import health requirements are found or contagious diseases are confirmed during the import quarantine for the horses, the government of the Republic of Korea may have them re-exported or destroyed.

Additional Clause

<No. 2015-132, September 16, 2015>

Article 1 (Enforcement Date) This notice will go into effect on October 16, 2015.

Article 2 (Reconsideration Deadline) The Minister of MAFRA shall reconsider the validity of this notice every 3 years, starting January 1, 2016, and take measures for improvement, etc. as appropriate.

Article 3 (Interim measures) Horses imported in accordance with the previous import health requirements (MAFRA Notification No. 2013-264; October 7, 2013) on the

day of the enforcement of this notice shall be considered as meeting these import health requirements.

[Attachment 1]

Diseases for Tests and Test Methods

Name of Disease	Test Method	
	If the country is free of the disease:	If the country is <u>not</u> free of the disease:
Equine Japanese encephalitis, Equine rhinopneumonitis, Getah virus infection	Vaccination recommended	Vaccination recommended
Tetanus	Antiserum inoculation recommended within 7 days of shipping	Antiserum inoculation recommended within 7 days of shipping
African horse sickness	AGID test: negative	AGID test: negative; OR Certification of country freedom for the past 2 years
Dourine	CF test: negative	CF test: negative; OR Certification of country freedom for the past 2 years
Glanders	CF test or Mallein test: negative	CF test or Mallein test: negative; OR Certification of country freedom for the past 2 years
Equine vesicular stomatitis	SN test: negative	SN test: negative; OR Certification of country freedom for the past 2 years

Venezuelan equine encephalitis	HI test or CF test: negative	HI test or CF test: negative; OR Certification of country freedom for the past 2 years
Equine encephalomyelitis (EEE and WEE)	- Unvaccinated horses: HI test or CF test: negative; - Vaccinated horses (only the horses vaccinated with inactivated vaccines): HI test or CF test; 2 tests 2 weeks apart with no rise in titer. OR certification as listed in Article 4 (4)	HI test or CF test: negative; OR Certification of country freedom for the past 2 years
Equine infectious anaemia	AGID test: negative	AGID test: negative; OR Certification of country freedom for the past 2 years
Equine piroplasmiasis (<i>Theileria equi</i> , <i>Babesia caballi</i>)	ELISA or IFA: negative	Serological test - negative; OR Certification of country freedom for the past 2 years
Equine viral arteritis	SN test: negative (vaccinated stallions are exempted)	SN test: negative; OR Certification of country freedom for the past 2 years (vaccinated stallions are exempted)
Salmonella abortus equi	Serum agglutination (SA) test: negative	SA test: negative; OR Certification of country freedom for the past 2 years

<p>Equine Influenza, Equine Japanese Encephalitis, Getah virus infection, Contagious equine metritis, Rabies, Horse pox, Mange, Surra, Strangles, Pseudotuberculosis, Equine rhinopneumonitis</p>	<p>No clinical evidence at examination:</p> <p>OR</p> <p>Negative results to the tests conducted by the government of the exporting country.</p> <p>.</p>
<p>West Nile Fever (WNV)</p>	<ul style="list-style-type: none"> ▪ Serological test (in accordance with the test method designated by the government of the exporting country such as ELISA); negative; <p>OR</p> <ul style="list-style-type: none"> ▪ If the horses for export have not been vaccinated with WNV inactivated vaccine in the past: <p>Two vaccinations at an interval of 21-42 days with WNV inactivated vaccine within 1 year of shipping;</p> <p>OR</p> <ul style="list-style-type: none"> ▪ If the horses for export have been vaccinated with WNV inactivated vaccine in the past: <p>One vaccination with WNV inactivated vaccine within 1 year of shipping.</p>

[Attachment 2]

Test Requirements in the Exporting Country for EVA Vaccinated Stallions

EVA vaccinated stallions shall meet the following conditions:

<Pre-vaccination Test>

1. The government of the exporting country shall take blood samples from the stallions immediately before the vaccination and conduct the SN test at the serum dilution rate of 1:4, and confirm that the test results are negative.

<Post-vaccination Test>

2. Three blood samples (one at the farm and two at the export quarantine facility before shipping) shall be taken from the vaccinated stallions. There shall be no significant rise (4 times) or drop as a result of the SN test carried out on the 3 serums at the same time. The interval between blood sample collections shall be at least 14 days, and the 3rd blood sample shall be taken within 10 days of shipping.

3. Mating test or virus isolation on semen shall be carried out for vaccinated stallions.

4. For the mating test, two mares to be used for the mating test shall meet the import health requirements for horses to Korea. They shall be isolated in the export quarantine facility with the vaccinated stallions for 30 days prior to shipping and tested as follows with negative results:

- 1) (Pre-mating test): After taking blood samples from the two mares immediately before they enter the export quarantine facility, the SN test at the serum dilution rate of 1:4 shall be carried out with a negative result.
- 2) (Post-mating test): During the 30 days of the export quarantine, the two mares shall be mated with the vaccinated stallion twice a day for two days. Blood samples shall be taken from the two mares, on the 14th day and the 28th day after the last mating, and the SN test at the serum dilution rate of 1:4 shall be carried out with negative results.
- 3) No signs of EVA shall be found in the two mares during the 30 days of the export quarantine.

5. For the virus isolation on semen, vaccinated stallions shall be isolated at an export quarantine facility for 30 days prior to shipping and virus isolation on semen shall be conducted during the quarantine as follows:

- 1) Before the semen collection, no disinfectants shall be used in cleaning the collection tools and external genitalia of the stallions.

- 2) Semen shall be collected using an artificial vagina or a condom. The samples for the virus isolation shall be taken from the sperm-rich fraction of the collected semen.
- 3) The virus isolation in accordance with the procedures described in the OIE's "Manual of Diagnostic Tests and Vaccines for Terrestrial Animals" shall be carried out on the collected semen with a negative result.