

Yoon-Hee Lee¹, Jeong-Soo Choi¹ and In-Soo Cho¹

¹Animal and Plant Quarantine Agency, Anyang city, Republic of Korea

INTRODUCTION

The Animal and Plant Quarantine Agency (QIA), Ministry of Agriculture, Food and Rural Affairs) is responsible for the import control of animal diseases agents (including zoonoses) in the Republic of Korea. Three relevant regulations on the control are the *Act on the Prevention of Contagious Animal Diseases* (of the MAFRA); *the Act on the Control of the Manufacture, Export and Import, etc. of Specific Chemicals and Chemical Agents for the Prohibition of Chemical and Biological Weapons* (of the Ministry of Trade, Industry and Energy); and *the Infectious Disease Control and Prevention Act* (of the Ministry of Health and Welfare).

RESULTS

Under the *Act on the Prevention of Contagious Animal Diseases*, there are three categories of animal diseases agents – List 1, List 2 and List 3 (Table 1). List 1 includes 14 viral diseases and 1 bacterial disease. 32 animal diseases are under List 2 and 18 animal diseases under List 3. If animal disease agents are imported after being approved by the QIA under the *Act on the prevention of Contagious Animal Diseases*, these agents shall also be controlled by the *Act on the Control of the Manufacture, Export and Import, etc. of Specific Chemicals and Chemical Agents for the Prohibition of Chemical and Biological Weapons*.

Table 1 Classification of the animal diseases agents in the *Act on the Prevention of Contagious Animal Diseases*

Classification		Animal Disease Agents
List 1	Virus	Rinderpest, Foot and Mouth Disease, Peste des petits ruminants, Bluetongue, Rift Valley Fever, Lumpy Skin Disease, Sheep pox, Vesicular Stomatitis, African Horse Sickness, African Swine Fever, Classical Swine Fever, Swine Vesicular Disease, Newcastle Disease, Highly Pathogenic Avian Influenza
	Bacteria	Contagious B. pleuropneumonia
List 2	Virus	Aujeszky's Disease, Japanese Encephalitis, Porcine Teschen Disease, Equine Infectious Anemia, Equine Infectious Arteritis, Eastern/Western/Venezuelan Equine Encephalitis, Rabies, Duck Hepatitis, Duck Enteritis, Equine West Nile Fever, Swine Influenza(H5 or H7 or H1N1 only), Honeybee Sacbrood Disease
	Bacteria	Anthrax, Blackleg, Brucellosis, Bovine tuberculosis, Johne's Disease, Glanders, Pullorum Disease, Fowl typhoid, Fowl cholera, Contagious Equine Metritis, Anaplasmosis
	Prion	Bovine Spongiform Encephalopathy, Scrapie, Chronic Wasting Disease
	Parasite	Dourine, Theileriosis, Babesiosis
	Rickettsia	Q-fever
List 3	Virus	Bovine Ephemeral Fever, Bovine Akabane Disease, Low Pathogenic Avian Influenza, Infectious Bovine Rhinotracheitis, Bovine Leukemia, Transmissible Gastroenteritis in pigs, Porcine Reproductive and Respiratory Syndrome, Avian Encephalitis, Infectious Laryngotracheitis, Infectious Bronchitis, Marek's Disease, Infectious Bursal Disease
	Bacteria	Avian Mycoplasmosis, Foulbrood, Bovine leptospirosis, Swine Erysipelas, Atropic Rhinitis of pig

If animal disease agents are zoonoses listed in the *Infectious Disease Control and Prevention Act* (Table 2), these agents should be imported after being permitted by the Korean Center for Disease Control (CDC) separately. Basically, animal disease agents, regardless of relevant regulations, can be imported only after the biosafety level of the containment facility of the importer (research institutes or universities) and the purpose of the importation are examined by the experts of the QIA. The required level of the containment facility follows the World Organization for Animal Health (OIE) Terrestrial Manual in principle.

Table 2 Classification of the zoonosis agents in the *Infectious Disease Control and Prevention Act*

Classification	Zoonosis Agents
Virus	Eastern/Western/Venezuelan Equine Encephalitis virus, Rift Valley Fever virus
Bacteria	<i>Bacillus anthracis</i> , <i>Brucella melitensis/suis</i> , <i>Burkholderia mallei</i> (Glanders), <i>Coxiella burnetii</i> (Q-Fever)
Prion	Bovine Spongiform Encephalopathy

Figure 1 The website where importers can access all related data



CONCLUSIONS

The main purpose of these control activities is to protect animal and public health from bioterrorism.

REFERENCES

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