The situation and implementation of control measures for African swine fever in Mongolia

Officer A. Tuvshinbayar
According to OIE, outbreaks of ASF had been reported in China and Russia which border Mongolia on 27 December 2018. Therefore authorities attempted that preparedness for improved early warning, detection and notification on ASF in risk areas of Mongolia.
At the end of 2018, 30 thousand domestic pigs were counted in Mongolia.

Mostly, 80-90 percents of pig farms are located in Bulgan, Orkhon, Selenge, Darkhan-Uul provinces, and Ulaanbaatar city.

Pigs were kept in small numbers in households of other provinces.
MONGOLIAN SITUATION

- The first ASF outbreak was reported in Bulgan province of Mongolia on 10 January 2019.
- Furthermore occurrences of ASF were diagnosed in Orkhon, Darkhan, Tuv, Dundgovi, Selenge provinces and implemented control measure.
- There have no new outbreaks of ASF in Mongolia to 4 April 2019.
A total of 2862 hogs were killed and disposed of after outbreaks of the ASF were found in 11 soums of 7 provinces of Mongolia. Most of the affected and killed pigs were in Tuv, Selenge provinces.
Tissue samples were collected from Bulgan province. Laboratory diagnosis was performed at SCVL. Tested the followings

- RT-PCR
- qRT-PCR
- Ab-ELISA.

It was not difficult to diagnose due to preparedness of laboratories tests.
Laboratory tests results on 10 tissue samples (kidney, meat, spleen, lymph nodes) were confirmed by the OIE Reference Laboratories for ASF.
IMPLEMENTATION OF MEASURES

• Outbreaks of ASF in domestic pigs occurred in several provinces, but were usually controlled using conventional measures of animal disease control such as culling of affected pig holdings, safe disposal of the carcasses, cleaning and disinfection of fence and movement restrictions.

• Application of strict biosecurity measures specific to the different swine producing sectors including frequent cleaning and disinfection of farms, transport vehicles, and improved husbandry practices and production systems.

• Prohibition of temporary import of fork fat and meat products due to the occurrence of ASF in Mongolia was canceled by order of minister of food and light industry on 4 Feb 2019.
CONTROL MEASURES

• We conducted the surveillance on imported pork and meat products in entities, restaurants, cafes and canteens as convene of the state supervisory commission.
• Complete destructed that pork products with positive results
• Cleaning and disinfection of detected infectious places was carried out
• Prohibited to use waste foods of restaurants for swine feeding.
the authority culled all pigs and disinfected the affected areas

A total 11 occurrences were found and disease control measures were in 7 provinces of Bulgan, Darkhan, Selenge, Tuv, Dundgovi and Orkhon of Mongolia

Currently, the disease of African swine fever is completely under control, and it has stopped.

In the future, there is no guarantees for ASF, so warning is being implemented.
THANK YOU FOR YOUR ATTENTION