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China, Peoples Republic of

Livestock and Products

Foot and Mouth Disease Outbreak in Qinghai Province

2006

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Report Highlights:

On July 10, 2006, the Ministry of Agriculture (MOA) notified the U.S. Embassy and the World Organization for Animal Health (OIE) of an outbreak of foot and mouth disease (FMD) in Henan County of Qinghai Province. This is China's 10th reported FMD case during calendar year 2006. Chinese authorities confirmed the FMD Asian I strain virus in all of these cases. This report includes a translation of MOA's notification.

Includes PSD Changes: No
Includes Trade Matrix: No
Unscheduled Report
Beijing [CH1]
[CH]

Summary

On July 10, 2006, the Ministry of Agriculture (MOA) notified the U.S. Embassy and the World Organization for Animal Health (OIE) of an outbreak of foot and mouth disease (FMD) in Henan County of Qinghai Province. There were 212 head of susceptible cattle, out of which 51 were infected, and authorities culled all 212 cattle. The National FMD Reference Lab at the Lanzhou Veterinary Research Institute, which is part of the China Academy of Agricultural Sciences (CAAS), confirmed a FMD Asian I strain virus. The lab is the only FMD reference lab in China. According to the official report, MOA and Qinghai Province took immediate measures to stamp out the disease, and the disease is under control.

China has reported 3 FMD outbreaks in Qinghai Province, a remote province with an extremely low density of both people and livestock, since the beginning of this calendar year. According to China Statistical Yearbook, as of 2004, Qinghai's 5.3 million people only account for 0.4% of China's total population, though the province is the fourth largest in China with 7.5% of the national total area. The number of cattle and buffalo in Qinghai in 2004 was 3.8 million, only 2.8% of the country's total.

This is the 10th reported FMD outbreak in China during calendar year 2006. Four cases occurred in Gansu Province, 3 cases, including this one, occurred in Qinghai Province and 1 case in each of Ningxia, Jiangsu, and Hubei Provinces. The National FMD Reference Lab confirmed FMD Asian I strain virus in all of these cases. For detailed information, please refer to the [World Organization for Animal Health \(OIE\)](#). For the Chinese language version information, please refer to the [Minister of Agriculture \(MOA\)](#).

The following is FAS Beijing's translation of MOA's notification to FAS Beijing Office.

Translation of MOA's notification

Notification of Foot and Mouth Disease Outbreak in Qinghai Province

On July 7, 2006, the Ministry of Agriculture (MOA) received a report from the Qinghai Provincial Veterinary Bureau suspecting an outbreak of foot and mouth disease (FMD). The National FMD Reference Lab confirmed the case. The relevant information is as follows.

- 1. *Outbreak location:*** Henan County, Qinghai Province
- 2. *Date of confirmation:*** July 7, 2006.
- 3. *Infected animals:*** There are 212 head of susceptible cattle and 51 were infected. All 212 cattle were culled.
- 4. *Diagnosed:*** By the National FMD Reference Laboratory Lab (Lanzhou Veterinary Research Institute under China Academy of Agricultural Sciences).
Methods: Virus isolation through ELISA, RT-PCR.
Pathogen: FMD Asian 1 strain.
- 5. *Control measures:*** MOA and the Government of Qinghai Province immediately started all sorts of work to control the disease based on the requirements of relevant Urgent Action Plan. The main measures include isolation and disinfection of the infected area, culling sick animals and the animals of the same herd with disinfection after culling, urgent immune vaccination to all susceptible animals in the surrounding exposed areas. Now, the disease is under control.

The Chinese Chief Veterinary Officer (CVO) has reported the FMD outbreak to the World Organization for Animal Health (OIE).

(End of the translation)

OIE's information based on MOA's notification

FOOT AND MOUTH DISEASE IN THE PEOPLE'S REPUBLIC OF CHINA: FOLLOW-UP REPORT NO. 8

Information received on 10 July 2006 from Mr. Jia Youling, Director General, Veterinary Bureau, Ministry of Agriculture, Beijing:

End of previous report period: 23 June 2006 (see *Disease Information*, 19 [26], 497, dated 29 June 2006).

End of this report period: 10 July 2006.

Identification of agent: foot and mouth disease (FMD) virus serotype Asia1.

Date of first confirmation of the event: 29 December 2005.

Date of start of the event: 6 December 2005.

Clinical disease: yes.

Nature of diagnosis: clinical, post-mortem and laboratory.

New outbreak:

First administrative division (province): Qinghai

Lower administrative division (county): Henan

Type of epidemiological unit: village

Name of the location: Zhoulong

Date of start of the outbreak: 1 July 2006

Species: bov

Number of animals in the outbreak:

Susceptible: 212

Cases: 51

Deaths: 0

Destroyed: 212

Slaughtered: 0

Diagnosis:

Laboratory where diagnostic tests were performed	Species examined	Diagnostic tests used	Date	Results
Lanzhou Veterinary Research Institute, Chinese Academy of Agricultural Sciences (national reference laboratory for FMD)	bov	- liquid-phase blocking ELISA ⁽¹⁾ - RT-PCR ⁽²⁾ - virus isolation	7 July 2006	positive

Source of outbreak or origin of infection: unknown or inconclusive.

Control measures undertaken:

- stamping out;
- quarantine;
- movement control inside the country;
- screening;
- zoning;
- vaccination;
- disinfection of infected premises/establishment(s);
- dipping/spraying.

Treatment of affected animals: no.

Vaccination prohibited: no.

Final report: no.

(1) ELISA: enzyme-linked immunosorbent assay

(2) RT-PCR: reverse transcriptase - polymerase chain reaction

End of report.