

Immediate notification report

Report reference: , Ref OIE: 11712, Report Date: 06/03/2012 , Country: Russia

Report Summary

Disease	Foot and mouth disease	Animal type	Terrestrial
Causal Agent	Foot and mouth disease virus	Serotype(s)	O
Clinical Signs	Yes	Reason	Reoccurrence of a listed disease
Date of first confirmation of the event	01/03/2012	Date of Start of Event	26/02/2012
Date of report	06/03/2012	Date Submitted To OIE	06/03/2012
Diagnosis	Suspicion, Clinical, Laboratory (basic), Laboratory (advanced), Necropsy	Date Of Last Occurrence	23/05/2011
Number Of Reported Outbreaks	Submitted= 1, Draft= 0	Name of Sender of the report	Dr Nicolay Vlasov
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Outbreak (this report - submitted) (1)

Province	District	Unit Type	Location	Latitude	Longitude	Start date	End Date
PRIMORSKIY KRAY	Khorol'sky raion	Farm	Village Usachevka	44,235	131,84	26/02/2012	
Species	Measuring units	Susceptible	Cases	Deaths	Destroyed	Slaughtered	
Cattle	Animals	240	7	1	10	0	
Sheep / goats	Animals	47	22	0	24	0	
Swine	Animals	10	0	0	0	0	
Affected Population							

Outbreak summary: Total outbreaks = 1 (Submitted)

Species	Susceptible	Cases	Deaths	Destroyed	Slaughtered
Cattle	240	7	1	10	0
Sheep / goats	47	22	0	24	0
Swine	10	0	0	0	0

Epidemiology

Epidemiological comments
Russian Far East Federal District

Foot and mouth disease virus was detected on a private farm in the village of Usachevka in a remote south-east corner of the country. The outbreak affected 7 cows from 240 cattle heads and 22 small ruminants. The source of the outbreak is currently unknown. The village of Usachevka is located at 45 km from the border between Russia and China. Primorsky kray is part of the buffer zone where cattle and small livestock are vaccinated against foot and mouth disease on an annual basis. All necessary measures to curb the outbreak and prevent the spread of the disease are being taken.

According to nucleotide sequencing followed by phylogenetic analysis, the isolate belongs to type O PanAsia genetic lineage and is genetically close to the isolates involved in the FMD outbreaks in China and Eastern Kazakhstan in 2011.

Source of the outbreak(s) or origin of infection • Unknown or inconclusive

Control Measures

Applied	• Quarantine • Screening • Disinfection of infected premises/establishment(s)	To be applied	• Vaccination in response to the outbreak (s)
		Vaccination Prohibited	No
Animals treated	No		

Country / Zone

Country or zone a zone or compartment

Diagnostic test results

Laboratory Type	Name of Laboratory	Species	Test Type	Date Results Provided	Result
National laboratory	All-Russian Research Institute for Animal Health (FGBI-ARRIAH)	Cattle	indirect sandwich ELISA	01/03/2012	Positive
National laboratory	All-Russian Research Institute for Animal Health (FGBI-ARRIAH)	Cattle	gene sequencing	01/03/2012	Positive
National laboratory	All-Russian Research Institute for Animal Health (FGBI-ARRIAH)	Cattle	nested RT-PCR	01/03/2012	Positive

Future Reporting

What further reports will be submitted in relation to this event?

There are 1outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.

The event is continuing. Weekly follow-up reports will be submitted.

Outbreak maps

