



Porcine brucellosis (*B.suis*) outbreak in Latvia

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Description of the situation chronologically (1)

10.09.2010. Food and Veterinary Service (FVS) received information from the Food Safety, Animal Health and Environment Scientific Institute (national reference laboratory for diagnostic of zoonoses) about positive findings on porcine brucellosis (*B.suis*) in the holding “Avoti M” district of Tukums, Kūļciems.





Description of the situation chronologically (2)

- ✓ 10.09.2010. 10 official blood samples have been taken for serological investigation by the inspector of FVS.
- ✓ 13.09.2010. Diagnosis of porcine brucellosis (*B.suis*) established in 8.
- ✓ 13.09.2010. FVS issues the Order No 20 prohibiting movement of animals from infected holding.



Description of the situation chronologically (3)

- ✓ FVS carried out epidemiological investigation to establish contact holdings with the infected farm.
- ✓ In the epidemiological investigations revealed movement of animals to 32 holdings in the territory of Latvia since 01.01.2010.
- ✓ No animals have been sent to third country and to another European Union Member State.
- ✓ The epidemiological investigation revealed that the infection source is wild boars.



Description of the situation chronologically (4)

- ✓ 17.09.2010. 522 official samples (blood samples from sows and boars) have been taken by the inspector of FVS for the serological investigation and detection of distribution of brucellosis in the infected holding.
- ✓ 19.09.2010. 419 samples were positive to porcine brucellosis (*B.suis*) in the infected holding.
- ✓ No cases of porcine brucellosis (*B.suis*) have been found in epidemiologically contact holdings.



Description of the situation chronologically (5)

- ✓ 24.09.2010. Due to extensive distribution of infection the FVS made a decision to send to the slaughterhouse all animals which are fit for slaughter (sows, gilts).
- ✓ Boars and piglets were killed on the farm and sent to the animal by products processing establishment.



Serological and bacteriological tests

Serological and bacteriological tests were performed in Food Safety, Animal Health and Environment Scientific Institute (national reference laboratory for diagnostic of zoonoses), Latvia.

- ✓ 10.09.2010. – bacteriological investigation of 1 fetus, positive finding of *Brucella suis*;
- ✓ 10.09.2010. – serologically investigated 10 pigs, positive results found in 8 pigs;
- ✓ 15.09.2010. – bacteriological investigation of 2 fetuses from 1 sow - positive finding of *Brucella suis* in both cases;
- ✓ 19.09.2010. – serologically investigated 522 pigs, 419 positive results



Legislation in force

Regulation of the Cabinet of Ministers No 298 (18.04.2006.) „Procedure for prophylactic and eradication measures of infectious diseases dangerous for animals and humans”

The Regulation establishes control and eradication measures after outbreak of porcine brucellosis (*B.suis*).



Thank you for your attention