

FORTNIGHTLY e-BULLETIN: ANIMAL DISEASE INFORMATION OF BHUTAN*Information sharing for preparedness and response...*

**National Centre for Animal Health
Department of Livestock
Ministry of Agriculture and Forests
Serbithang, Thimphu**



To update field colleagues and relevant stakeholders regarding animal disease situation in the country and related activities, the "fortnightly e-bulletin on animal disease information of Bhutan" is issued by Disease Prevention and Control Unit, National Centre for Animal Health, Department of Livestock. The information disseminated regarding animal disease outbreak(s) in the country is based on flash and follow-up reports received from the outbreak investigation team; and for real-time update, please visit our website,

<http://www.ncah.gov.bt>

Sarpang Dzongkhag**Classical Swine Fever (CSF): 22 May 2020***

Classical swine fever, also known as hog cholera, is a contagious viral disease of domestic and wild swine. It is caused by a virus of the genus *Pestivirus* of the family *Flaviviridae*.

CSF cases in pigs were reported in three Gewogs under Sarpang Dzongkhag, where samples collected from three affected female weaners (all about 2 months of age) from three different places: Maenchuthang, Dekiling Gewog (16 May); Kamikhola, Shompangkha Gewog (22 May); and Samtenling, Samtenling Gewog (May), tested positive to CSF virus by RT-PCR at National Veterinary Laboratory, Serbithang.

Thromde Veterinary Hospital and Satellite Laboratory, Gelegphu, and Dzongkhag livestock sector, Sarpang, have carried out detail investigation of the outbreaks and implemented necessary control measures.

Bumthang Dzongkhag**Haemorrhagic Septicaemia (Suspected): 28 May 2020***

Haemorrhagic septicaemia (HS) is a major disease of cattle and buffaloes characterised by an acute, highly fatal septicaemia with high morbidity and mortality. It is caused certain serotypes of *Pasteurella multocida*, a Gram-negative coccobacillus.

Outbreak of Hemorrhagic septicemia was suspected and reported from Chhoekhor Gewog, Bumthang Dzongkhag. As per the outbreak investigation -- conducted between 15th and 17th May -- report, the index case was recorded on 30th April 2020 at Tamakora, Chhoekhor Gewog -- one of the summer pasture areas -- where a heifer yak had suddenly died without showing any clinical signs. As the herd proceeded further to other pastureland, more similar cases were observed affecting a total of four yaks, following which livestock officials were informed.

Although, the disease investigation team did not come across any fresh case at the time of their visit to collect laboratory samples for confirmation, the disease, after recording the clinical signs observed by herders and for not having received the HS-BQ annual vaccine, was suspected to be Hemorrhagic septicemia.

In response to the suspected outbreak, more than 130 yaks were vaccinated against the disease, and other control measures were also implemented.

* Reported to National Centre for Animal Health, Serbithang



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