

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 situations in the country and related activities, the "Fortnightly e-Bulletin on Animal Disease Information of Bhutan" is issued by the Disease Prevention and Control Unit (DPCU), National Centre for Animal Health (NCAH), Department of Livestock (DoL). 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. For real-time update, please visit our website, <http://www.ncah.gov.bt>

Chhukha Dzongkhag**Maetabkha Gewog****Haemorrhagic Septicaemia – 3 October 2021***

Haemorrhagic septicaemia (HS) is an acute, fatal, septicaemic disease of cattle and buffaloes caused by specific serotypes of the bacterium *Pasteurella multocida*. The numerous serotypes of *P. multocida* are associated with a variety of disease syndromes in a wide range of agricultural, domestic and feral animal species. In many instances, *Pasteurella* plays a secondary role in the pathogenesis of the disease or acts in combination with other agents.

On 3 October 2021, outbreak of HS in seasonal migratory cattle herds, migrating between Paro and Chhukha, were reported from Juzingkha village, Maetabkha gewog, Chhukha dzongkhag. As per the disease outbreak investigation report shared by the Regional Livestock Development Centre (RLDC), Tsimasham, the first case was recorded on 1 October 2021. A total of 18 cattle in 2 herds were lost to the disease and as of 5th October 2021, 24 live cases were recorded.

To prevent the outbreak of HS in susceptible animals, the Livestock Extension Centres in Bhutan conduct annual vaccination of cattle and yaks against HS (using HS-BQ comined vaccine). However, it was found during the outbreak investigation that the affected herds have never received the vaccine.

All the control measures such as saggregation and treatment of affected cattle, proper disposal of dead cattle, vaccination of at-risk herds, etc. have been implemented by the RLDC and Dzongkhag Livestock

Sector, Chhukha.

In Bhutan, during the current calendar year, 2021, outbreaks of HS were reported in cattle in Sangbay gewog, Haa (April), and Tang gewog, Bumthang (August), and in yak in Chhoekhor gewog (August), Bumthang.

** Reported to the National Centre for Animal Health, Serbithang*



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