

**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 (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>

**Wangdue Phodrang Dzongkhag*****Black quarter: 12 November 2020\****

Black quarter, black leg, quarter evil, or quarter ill (latin - *gangraena emphysematosa*) is an infectious bacterial disease most commonly caused by *Clostridium chauvoei*, a Gram-positive bacterial species. It is seen in livestock all over the world, usually affecting cattle, sheep, and goats. The acute nature of the disease makes successful treatment difficult.

An outbreak of black quarter in cattle was reported on 11 November 2020 from the Agriculture Research and Development Centre (ARDC) and nearby areas of Bajo Throm, Wangdue Phodrang Dzongkhag. As per the report shared, a total of four female cattle were affected and three died of the infection.

To control the outbreak and prevent further spread, following measures were implemented, aligning with the Covid-19 protocol, by the Dzongkhag livestock sector, Wangdue Phodrang:

1. Isolation and treatment of the affected animals
2. Proper burial of carcasses and infected materials
3. Vaccination of susceptible animals in the protection zone
4. Decontamination of the infected premises

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



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