

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>

Dagana Dzongkhag**Black quarter: 2nd October 2020***

A case of Black quarter/Black leg was reported from Kalizingkha village of Tseza Gewog, Dagana Dzongkhag on 6th October 2020. As per the flash report shared, a young female cattle were affected and succumbed to the infection.

All the necessary control measures have been implemented by the Dzongkhag livestock sector, Dagana.

Rabies: 4th and 15th October 2020

A case of rabies was reported each from Balaytar and Maghigaon villages of Lhamoi Dzingkha Gewog, Dagana Dzongkhag, on 9th and 12th October 2020, respectively. As per the flash reports shared, a jersey cow and a female dog died of the infection.

All the necessary prevention and control measures were implemented by the Dzongkhag livestock sector, Dagana in line with the National Rabies Prevention and Control Plan 2017.

Samtse Dzongkhag**Lumpy skin disease (LSD): 5th October 2020***

Lumpy skin disease (LSD) is a poxvirus disease of cattle characterised by fever, nodules on the skin, mucous membranes and internal organs, emaciation, enlarged lymph nodes, oedema of the skin, and sometimes death. The disease is of economic importance as it can cause a temporary reduction in milk production, temporary or permanent sterility in bulls, damage to hides and death due to secondary bacterial infections.

Since mid-2019, outbreaks of LSD were reported from China (PR), Chinese Taipei, Bangladesh and India, and Nepal also reported multiple outbreaks of LSD to OIE in August 2020.

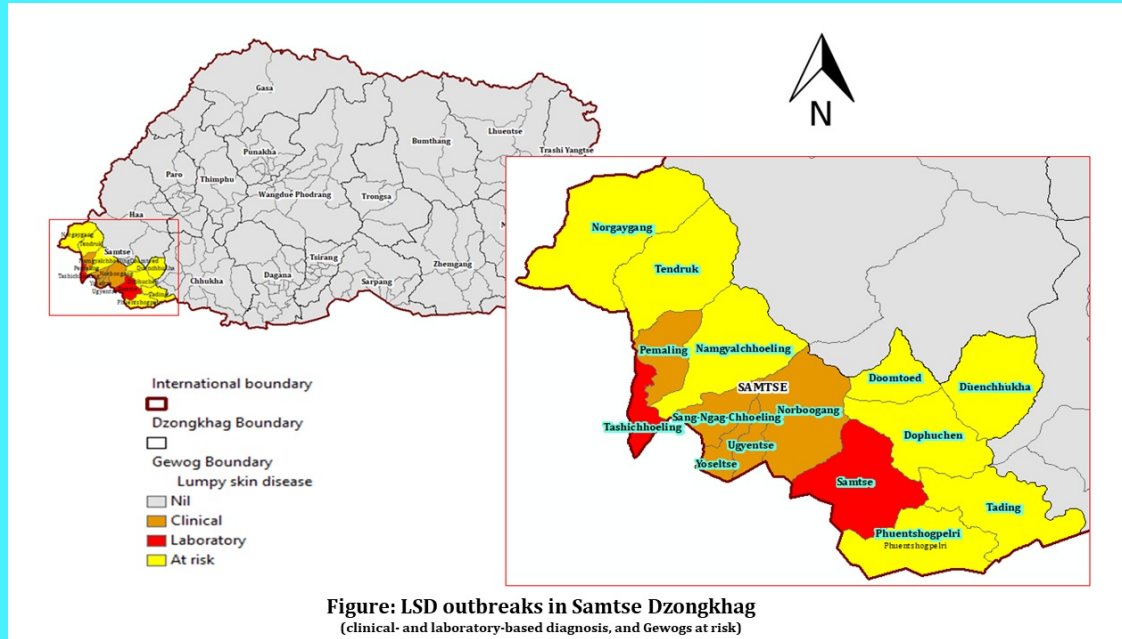
In Bhutan, first outbreak of LSD was confirmed by RT-PCR at NVL, NCAH, Serbithang on 5th October on examination of samples referred from the National Jersey Breeding Farm, Samtse Gewog and Singaygang village of Tashichhoeling Gewog, Samtse Dzongkhag. As per the flash reports shared by these two Gewogs and other Gewogs with clinically suspected cases, a total of 147 cattle was affected in 7 Gewogs of the district (see the following table and figure). A total of 3 cattle died due to the infection (apparent case fatality = 2.04%).

The measures recommended and implemented (with strict adherence to Covid protocols) in the field are as follows:

1. Movement control to limit the spread
2. Isolation and symptomatic treatment of the sick animals
3. Sample collection and submission for confirmation – in reference to the SOP circulated.
4. Keeping daily records on the status of infection and reporting
5. Outbreak investigation including a questionnaire survey after laboratory confirmation

Index case date (tentative)	Village	Gewog	Dzongkhag	Species	Case	Death	Diagnosis (based on)
4-Aug-2020	NJBF	Samtse	Samtse	Cattle	7	1	Lab (RT-PCR)
25-Aug-2020	Rinchenphu, Soenamkhar, Dungka	Yoseltse	Samtse	Cattle	115	2	Clinical
27-Aug-2020	Ngatshang	Ugyentse	Samtse	Cattle	5	0	Clinical
29-Aug-2020	Khanduthang	Samtse	Samtse	Cattle	10	0	Clinical
26-Sep-2020	Singaygang	Tashichhoeling	Samtse	Cattle	3	0	Lab (RT-PCR)
4-Oct-2020	Manidara	Pemaling	Samtse	Cattle	3	0	Clinical
5-Oct-2020	Chuchungsa	Sang-Ngag-Chhoeling	Samtse	Cattle	3	0	Clinical
7-Oct-2020	Hathkhola	Norboogang	Samtse	Cattle	1	0	Clinical

Table: Lumpy skin disease cases reported, as of 15th October 2020



* Reported to National Centre for Animal Health, Serbithang



Copyright © 2020 National Centre for Animal Health, All rights reserved.

For comments or queries, e-mail to us at ncah2013@gmail.com

Our mailing address is:

National Centre for Animal Health
Department of Livestock
Serbithang, Thimphu. Post Box 155

Phone No. 00975-2-351083/351093. Fascimile No. 00975-2-351095

Toll Free No. 1244. Email: ncah2013@gmail.com

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

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe](#) from this list.