



World Organisation
for Animal Health
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Lumpy skin disease (LSD)

An update on Preparedness for LSD incursion

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28 – 29 November 2023, Bangkok, Thailand

Preparedness strategies to prevent LSD incursion

1. National Ruminant Disease Surveillance Program

- Disease Surveillance of importance are conducted frequently in ruminant farms, including LSD.
- Veterinary officer and other animal health officers will conduct clinical surveillance to look for suspicious signs indicative of LSD

2. Lab Capacity

- Had undergone lab training for LSD training in KISR.
- VLS is in progress of developing LSD diagnostic test and procuring LSD diagnostic kit.
- Facilities for serology and molecular testing is in place.

3. Importation and Border Control

- Importation of animals and animal products are tightly-controlled and allow only from LSD-free (and other notifiable diseases) countries or zones only.
- Upon arrival – on-site quarantine. Since cattle are usually in holding yards, they will be sent to slaughterhouse after fattening and dedicated **meat inspectors** (MIs) will be on stand-by for inspection.

Preparedness strategies to prevent LSD incursion

4. Awareness Activities

- Engaging with diverse groups including:
 - i. Ruminant Farmers and Stakeholders
 - ii. For public as general info and awareness
 - iii. Advocacy Communication for top management and internal office (staff and border control officers)

5. Regulation : Animal (Diseases and Quarantine) Act, 2021

- Includes notification of the list of notifiable diseases in animals which are mandatory to be reported (including LSD).
- Clauses in the act include : movement control, declaration of infected areas as well as disposal of diseased animal.

Contingency Planning and Response

1. Animal (Diseases and Quarantine) Act, 2021

- Can be As part of regulatory support in case of disease outbreaks.

2. Vaccine Procurement and Stocking Mechanism

- As part of disease preparedness in case of incursion – can be considered depending on situation of Borneo Island and neighbouring countries.
- Will depend on easy accessibility of vaccines.

3. Simulation Exercise

- Necessary to assess preparedness of all stakeholders involved.

4. Financial Resource

- Budget is available specifically for 'Disease Outbreak' incidence.



Main challenges and recommended solution

Main Challenges	Recommended Solutions
Limited Manpower and Expertise	<ul style="list-style-type: none">• To undergo self-analysis and evaluation of veterinary services and subsequently WOAHPVS-GAP Analysis• Training for frontliners e.g. the officers and staff at border control
Lack of Awareness of LSD	Ongoing Awareness campaigns are being carried out including web-based approach to reach more people
Emergency Response on Animal Disease Implementation	<ul style="list-style-type: none">• Multi-institutional response (inclusion of relevant institutions would add value)• Partner Countries to share experience• Training of Trainers for conducting simulation exercises
Diagnostic Expertise	<ul style="list-style-type: none">• Continuous lab training for screening and confirmatory of LSDv.



THANK YOU



4th LSD Coordination Meeting
28 – 29 November 2023, Bangkok, Thailand