



World Organisation  
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# **Lumpy Skin Disease (LSD)**

## **An update on LSD situation and its control**

**Country name: Malaysia**

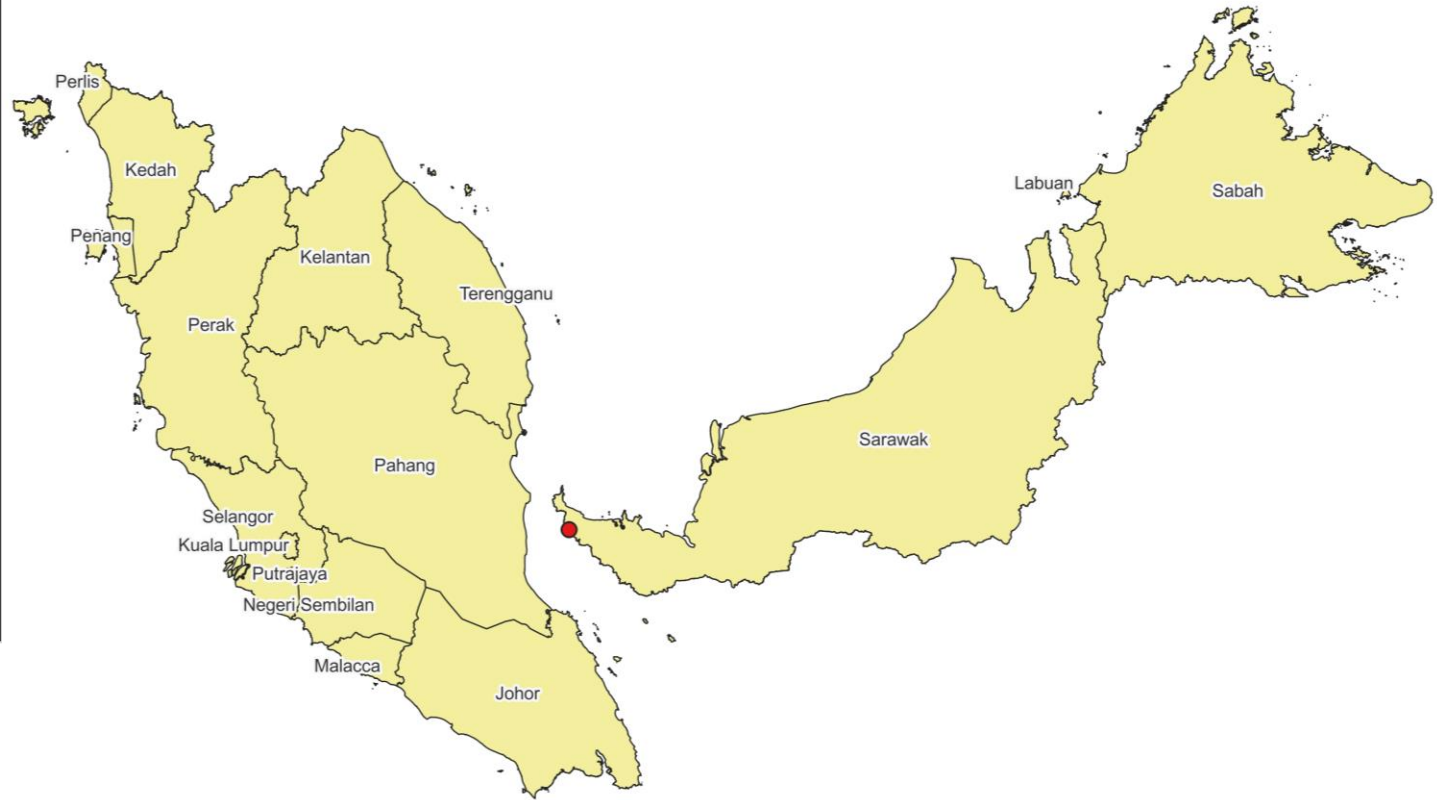
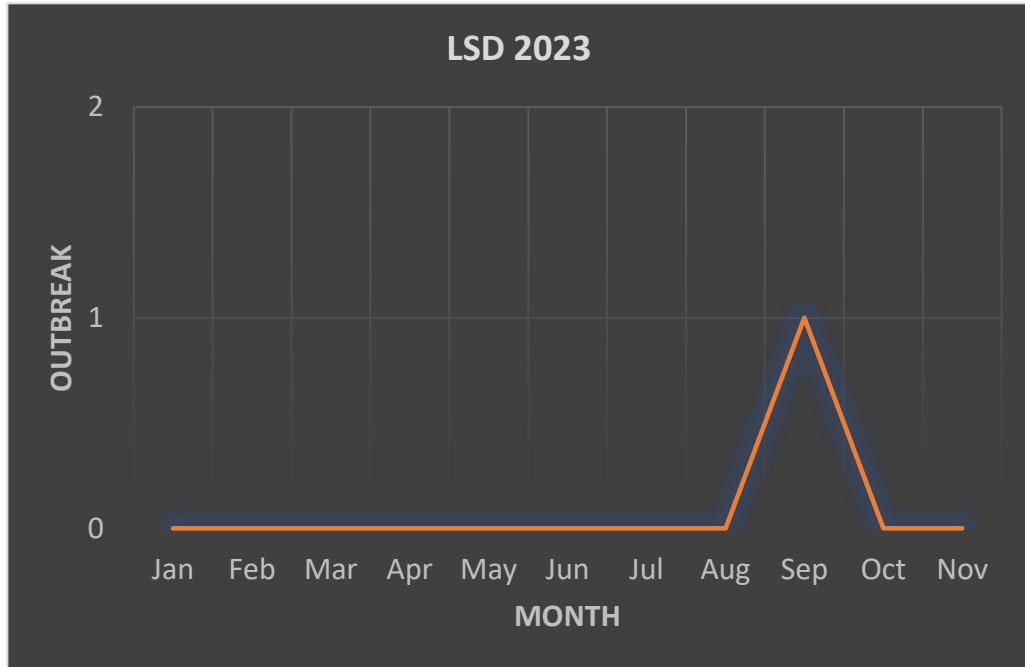
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**Fourth LSD Coordination Meeting for South-East Asia  
28 – 29 November 2023, Bangkok, Thailand**

# LSD Situation



● LSD 2023



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# LSD Situation

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## Outbreak Updates 2023

|   |   |
|---|---|
| Total Number of State affected out of total State | 1 / 16 States   |
| Number/ species of animals affected               | 57 (Bovine)   |
| Number of death                                   | 2 animal  |
| Virus type (confirmed by which Laboratory)        | Lumpy Skin Disease Virus [Sarawak Veterinary Diagnostic Laboratory] |
| Total number of outbreaks:                        | 1   |
| Total number of outbreaks resolved:               | 0   |
| Ongoing outbreaks:                                | 1   |

# LSD Prevention and Control activities

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- Vaccine types: homologous, attenuated
- Source country: Türkiye
- Brand name: LSD-NDOLL
- No. of animals vaccinated: 79,182 cattle and buffalo mainly as routine vaccination and movement purpose



# LSD Prevention and Control activities

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- Surveillance
  - ✓ Clinical surveillance carried out
- Biosecurity
  - ✓ Disinfection of personnel protective equipment (PPE), vehicles & premises
  - ✓ Quarantine of infected premises
- Movement control
  - ✓ Impose vaccination of susceptible animals prior to movement (inter-state, inter-districts)
  - ✓ Strengthen control of illegal animal movement at international border with other agencies
- Vector control
  - ✓ By fogging and keeping the farm clean from vector breeding sites
- Stamping out
  - ✓ Strengthen the effectiveness of culling by improving compensation rate
- Legislation
  - ✓ Animal Act 1953 (rev. 2013) under Section 18 to 36. LSD is one of 121 notifiable diseases.
- Awareness and communication
  - ✓ Continuous and comprehensive public awareness campaign conducted - seminar, dissemination of information through social media such as FB, Instagram, poster, banner, pamphlets and direct communication to the farmers
  - ✓ Increase knowledge and awareness among stakeholder (traders, farmers, butchers etc) and extension staffs on economic impact of LSD



# Main challenges and recommended solution

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## Main challenges

- Animal farming system – >85% is smallholder / backyard with less or no biosecurity measure
- Low cooperation among farmers in vaccinating their animals (due to neethling response that will lower the price of animal & their perception that only one vaccination during the life of a cattle)
- Illegal animal movement among traders
- Lack of awareness & knowledge on economic impact of LSD among farmers

## Recommended solution

- Awareness on biosecurity management
- Promote GAHP
- Continuous awareness campaign, continuous field staff education





# THANK YOU

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4<sup>th</sup> LSD Coordination Meeting  
28 – 29 November 2023, Bangkok, Thailand