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An update on the Lumpy skin disease (LSD) Outbreak situation



Country name: MYANMAR

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Outbreak Updates

- Date of first report = (9-11-2020)
- Date of report to OIE= (21-11-2020)
- Number of Province affected out of total province=1/15
- Number of animals affected (Cattle/ buffalo)= 63
- Number of death= None
- Laboratory confirmed= Yes (PCR) , Virus type= Sequencing pending
- Total number of outbreaks =2
- Number of ongoing outbreaks = None (Case resolved submitted to OIE on (1-6-2021))

LSD Clinical Sign

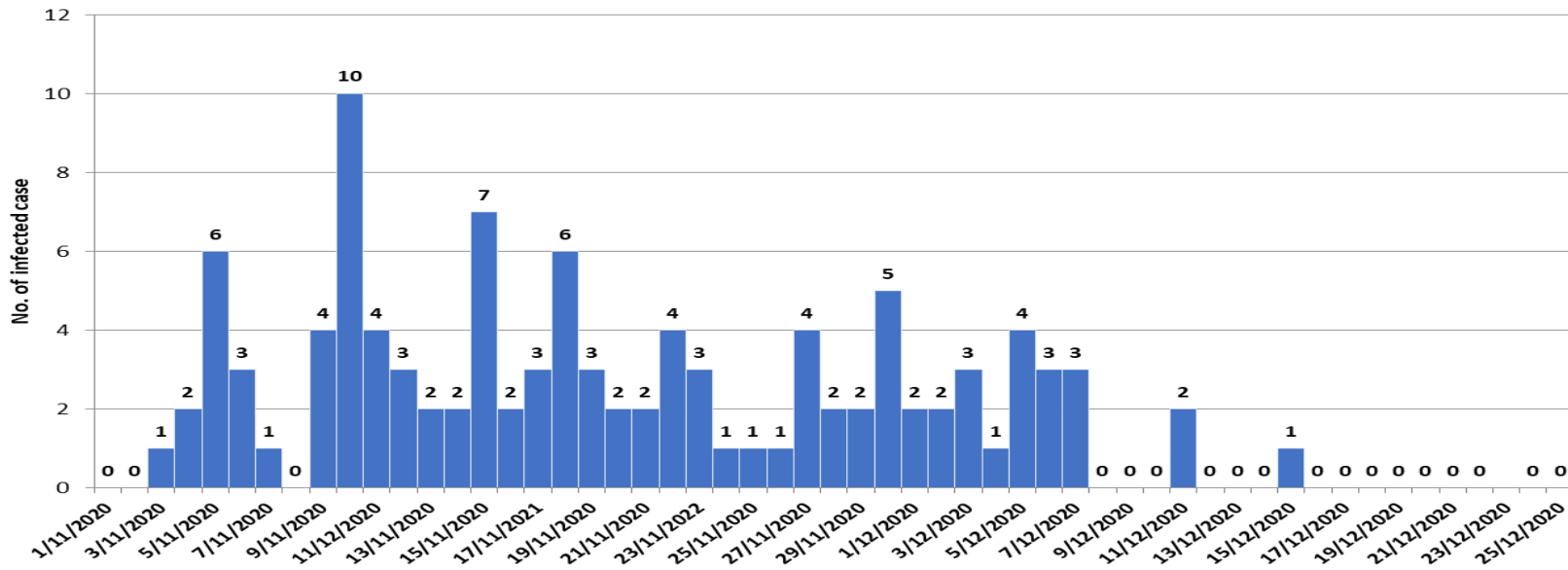


Lumpy nodules
Joint swelling
edema in sternum

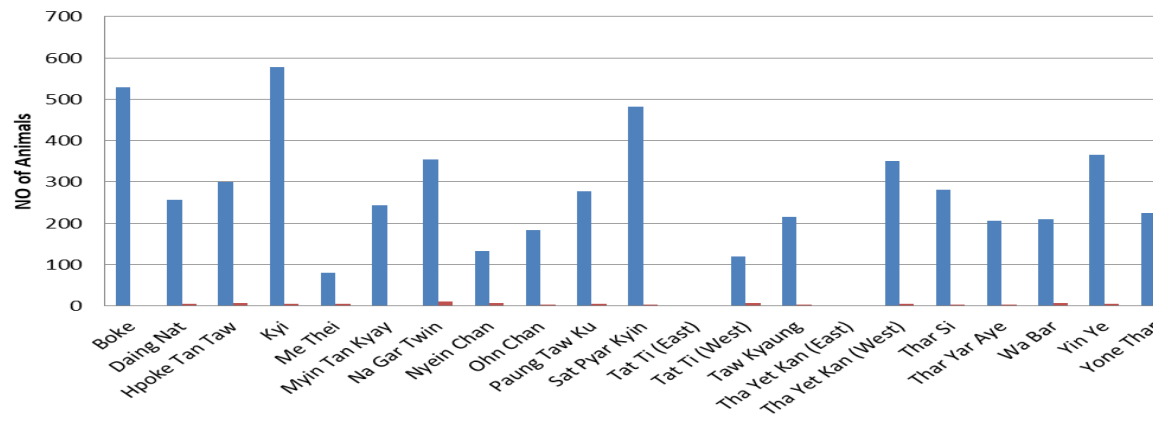


LSD situation updates

Lumpy Skin Disease Outbreak in Tabayin Township



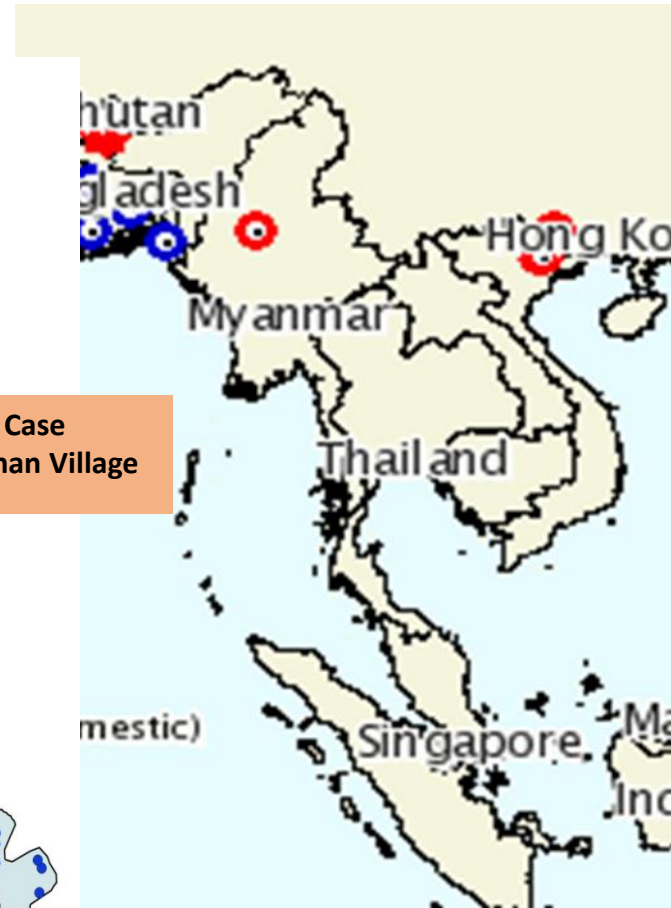
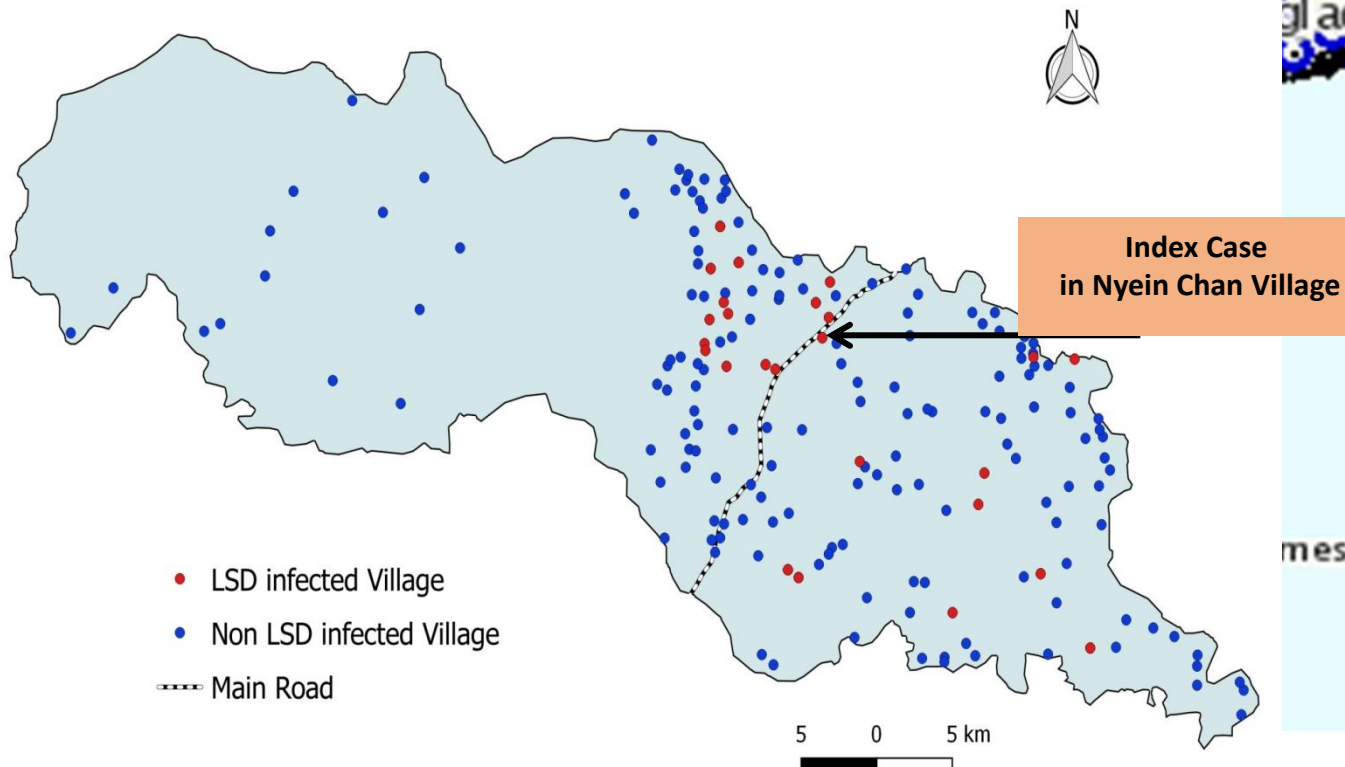
Villages Wise Occurrence of LSD



Morbidity= 3-6 %
Mortality= 0



Outbreak Updates





Control measures implemented

• Outbreak Response

- Zoning
- Cleaning and Disinfection
- Movement Control (certificate)
- Quarantine
- Vector Control
 - Fumigation
 - Nylon Net and health care
- Surveillance
- Collaboration
- Rapid Response Team, RRT (At Local level)

• Surveillance and Prevention

- Movement Control
- Surveillance (Clinical, sero, virological)
- Good Animal Husbandry Practice
- Vector Control (Surveillance)
- Biosecurity
- Cleaning, disinfection, disinfestation



Control measures implemented



Fumigation



Vector Prevention



Awareness / Education



Cleaning and Disinfection





Vaccination

- None



Challenges

- Communal grazing and Farming area
- Increased Cattle movement due to Trade
- Vector Activities and control
- Rural farms operate poor biosecurity
- Illegal border movement of animals



Way Forward and priority actions

- Surveillance (Host, Vector)
- Vector Control
- Strengthen Movement Control
- Socio-economic impact
- Updating Contingency Plan
- Vaccination?