



World Organisation
for Animal Health
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Lumpy skin disease (LSD)

An update on LSD situation and its control

Country name: Singapore

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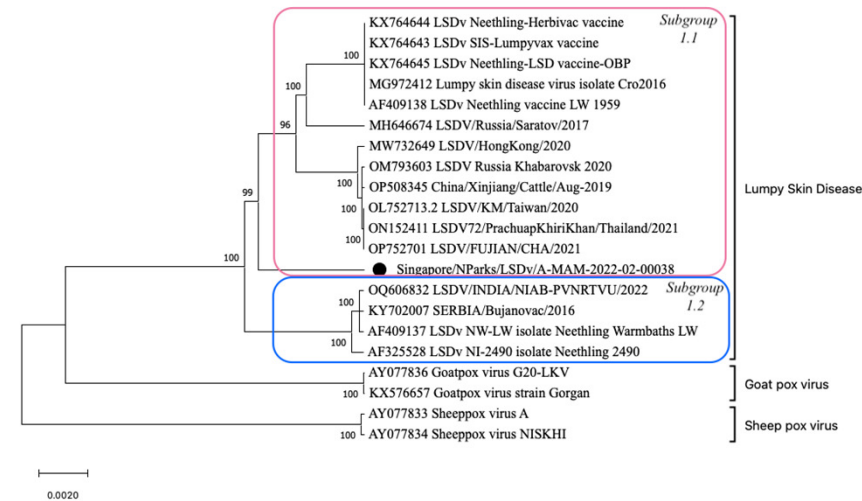
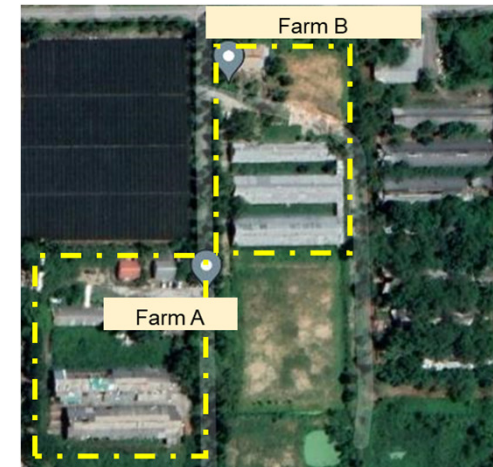
Position: Director/ Animal & Veterinary Programme Office

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

LSD Situation

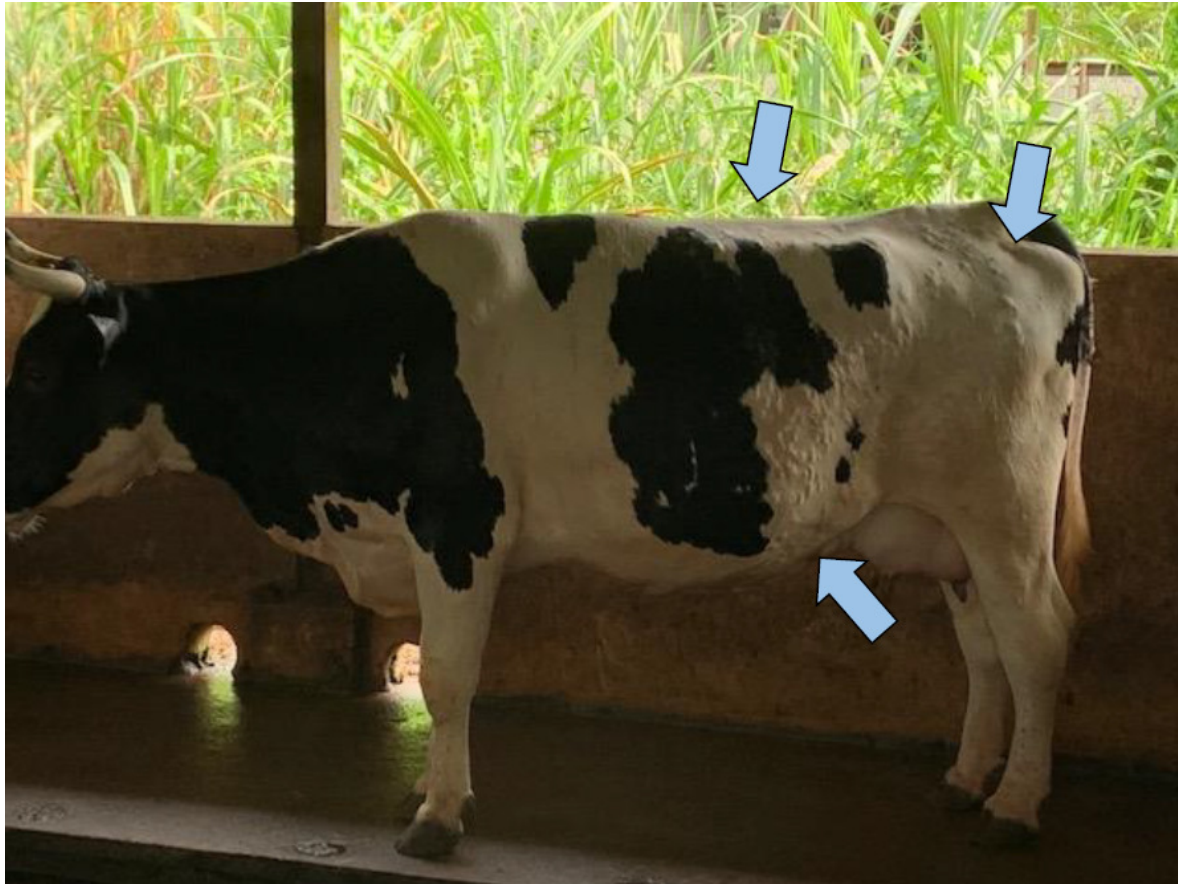
- Two dairy farms located at the Northwestern part of Singapore
- Confirmation of LSD in Farm A in March 2022
 - Resolution of clinical lesions in cattle on Farm A in early July 2022
 - No case detected in Farm B
- Singapore LSDv strain clustered to Subgroup 1.1
 - Similar to LSDv strains of recombinant origins reported in the Asia regions



LSD Prevention and Control activities

- Ongoing active clinical surveillance in dairy cattle and susceptible zoo populations
 - No new cases detected as of Nov 2023
 - Suspected case where dairy cattle were observed with extensive nodular skin lesions across the body in December 2022 and September 2023. Capripox and LSD viral DNA were not detected in samples from lesions obtained from both cattle farms.
- Vector control by farms
- No vaccination by the dairy farms

Suspect Case in dairy cattle from September 2023



- Arrowed indicates generalized and variably sized nodule concentrated along the dorsum and flank.
- There was no crusting or open lesions observed.
- DDx includes insect bites and allergies.

Main challenges and recommended solution

Main challenges

- Unable to eradicate the disease by removal of affected cattle

Recommended solution

- Regular active clinical inspection with follow-up investigation of suspect cases



THANK YOU



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