

GF-TADs

GLOBAL FRAMEWORK FOR THE
PROGRESSIVE CONTROL OF
TRANSBOUNDARY ANIMAL DISEASES



Food and Agriculture
Organization of the
United Nations



**Standing Group of Experts on Lumpy Skin Disease
in South East Europe
under the GF-TADs umbrella**

SGE LSD 13

21 February 2024

Azerbaijan

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Safety Agency of Azerbaijan Republic - Chief Veterinary Officer**

Lumpy Skin Disease – Background information

LSD occurrence:

07/07/2014 Lumpy skin disease

First occurrence of disease

2 outbreaks

Resolved on 04/09/2014

Impact 14 cases no losses

02/10/2014 Lumpy skin disease

Reoccurrence of disease

14 outbreaks

Resolved on 25/11/2014

Impact 33 deaths out of 2822 cases

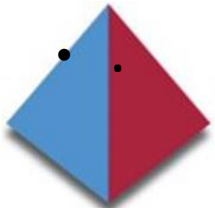
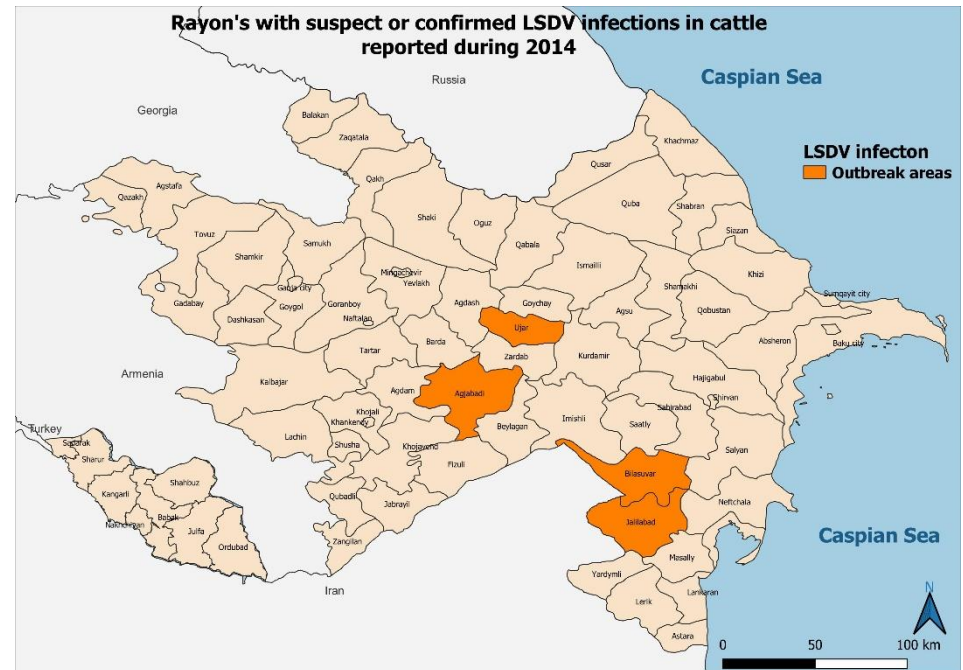
Control measures during both outbreaks

Movement restriction

Quarantine

Vector control

Rayon's with suspect or confirmed LSDV infections in cattle reported during 2014



Lumpy Skin Disease – Background information

- **LSD Vaccination:**

last 3 years from 2014	2021	2022	2023
Number of heads	2 248 589	2 108 216	2 225 542
%	84.8%	79.6%	85.0%

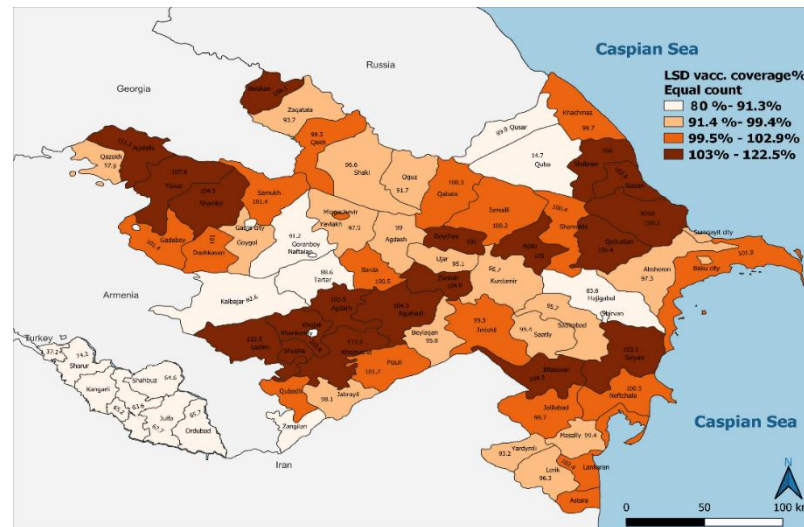
- **LSD surveillance (active):**

- *LSD active surveillance based on clinical examination of large ruminants is carried out during the annual routine vaccination programs (such as LSD, anthrax, FMD, leptospirosis, brucellosis S-19), as well as during other epidemiological sero surveys.*



Lumpy Skin Disease – 2023 - Vaccination

- Number of bovine animals - 2,618,800
- Number of bovine animals vaccinated – 2,225,542
- Type of vaccine used - Neethling strain vaccines
- Vaccination coverage – 85%
- Type of animals vaccinated – Bovine and buffalo
- Area where vaccination-is carried out (whole territory or specific areas)



Lumpy Skin Disease – 2023 - Surveillance

- ***Description of the passive surveillance undertaken***
 - LSD awareness campaign is performing as a part joint of training program of “clinical recognition Especial Dangerous Pathogens” by AFSA and ASA
 - Targeted stakeholders are field veterinarians
 - Training materials has been developed
 - Trainings were applied to all field veterinarians and epizootologist
 - Central Veterinary Laboratory – has the ability to test field samples for LSD by Real-time PCR and ELISA methods.
 - Specific booklets and other informative materials are distributing between farmers and field veterinarians



Lumpy Skin Disease – 2024 plans

- **LSD Vaccination in 2024 :**
 - planned 2700000 dose vaccine
 - Cattle (bovine and Buffalo)
 - Vaccination will cover all country
 - Neethling strain vaccines
- **LSD surveillance (active):** *surveillance based on clinical examination of large ruminants during the annual routine vaccination programs (such as LSD, anthrax, FMD, leptospirosis, brucellosis S-19), as well as during other epidemiological sero surveys.*

