




Lumpy skin disease vaccination campaign in Greece

**Ministry of Rural Development and Food
Directorate General of Veterinary Services
Animal Health Directorate
Department of Infectious and Parasitic Diseases**



by Boulotis D.

Lumpy Skin Disease – Background information

- **LSD occurrence : 1st outbreak LSD on 20.08.2015 in the Regional Unit (RU) of Evros**
- ✓ **Number of outbreaks confirmed thereafter:**
 - ✓ **2015: 117**
 - ✓ **2016: 104**
 - ✓ **2017: 1 in the RU of Corfu and 1 in the RU of Karditsa**
- **Since then no outbreak has been reported.**
- **LSD Vaccination:** Vaccination campaign was initiated in September 2015 from the RU of Evros and was expanded in the entire Greek territory gradually by 2016 and since then has been ongoing.

Lumpy Skin Disease – Surveillance

Passive surveillance for Lumpy Skin Disease (LSD) is in place in entire Greek territory and includes laboratory examination of all bovine animals with symptoms compatible with LSD.

Active surveillance includes clinical examination of bovines for LSD in high risk areas of the country (regions of Eastern Macedonia and Thrace, Central Macedonia, Northern Aegean and South Aegean) in the framework of the Four (4) **Exotic Diseases/Transboundary Diseases (TADs)** Programme (2.467 herds, 45.699 bovine animals for 2022).

Clinical examination for LSD is also conducted in all bovine animals during the following activities :

- *before their vaccination for LSD,*
- *in the framework of national control and eradication programmes for brucellosis, enzootic leukosis and tuberculosis,*
- *before their movement (national legislation),*
- *during their ante mortem clinical examinations in slaughterhouses.*

Vaccination coverage in Greece in period time 2018-2022.

2018



77%

2019



68%

2020



57%

2021



58%

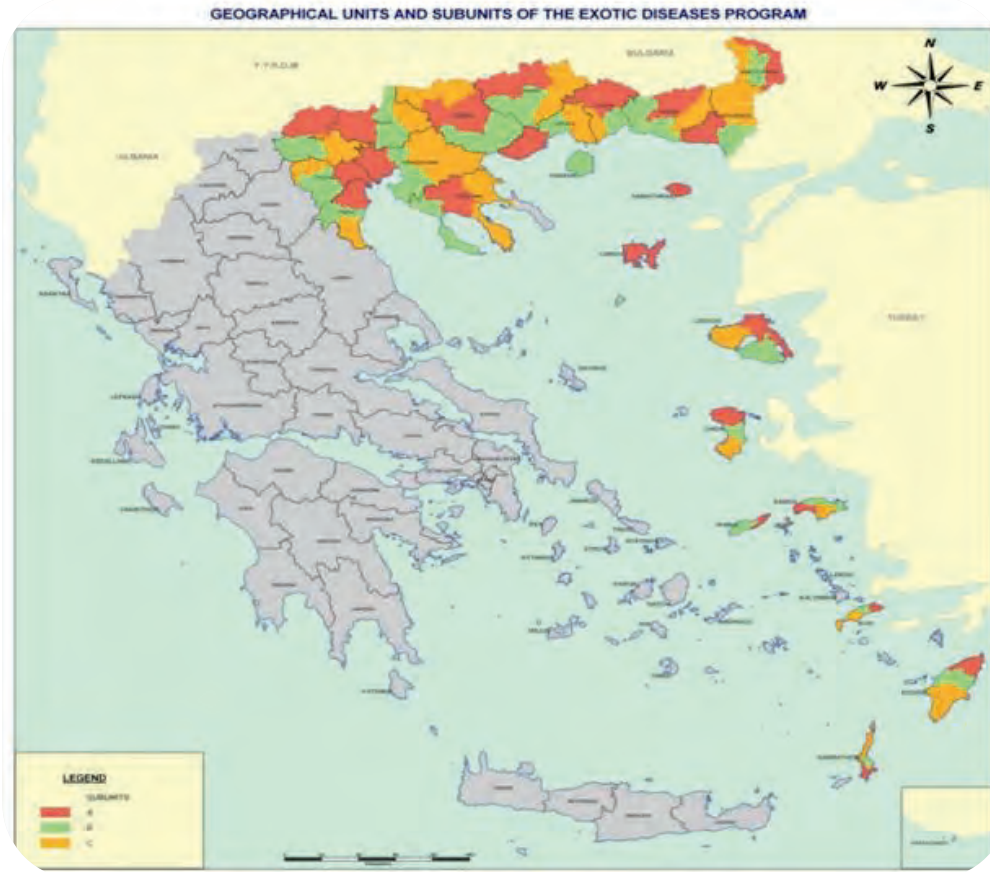
2022



57%



Vaccination coverage in high-risk areas in period time 2018-2022. (Central and Eastern Macedonia and Thrace)



2018

• 92%

2019

• 87%

2020

• 77%

2021

• 78%

2022

• 73%

High risk areas of the country where active clinical surveillance is implemented.

Lumpy Skin Disease – 2023 Vaccination campaign



Time period: 1/1/2023-31/12/2023

Area where vaccination is carried out: Entire Greek territory

Type of vaccine used: LUMPYVAX (homologous)

Type of animals vaccinated: Bovine animals

600.000 doses of Lumpyvax have already been delivered for the 2023 vaccination campaign

Number of herds: 17.912

Number of bovine animals : 935.976

Number of bovine animals to be vaccinated: 935.976

Lumpy Skin Disease – 2024 – programme

- According to **Commission Delegated Regulation (EU) 2023/361** the entire territory of Greece is designated as vaccination zone I.
- **Annex IX part 4:** a recovery period of **8 months** is required after the last vaccination if emergency protective vaccination has been used in vaccination zone I.
- During this period, **clinical** and **laboratory** surveillance should be conducted to demonstrate that no of LSD outbreak has occurred
- **In 2024**, a clinical and laboratory (serological and virological) surveillance programme will be implemented in the entire Greek territory to demonstrate the absence of LSD during an 8-month recovery period. The programme will be submitted to the EU in the context of co-financing programme for eradication and surveillance of LSD in Greece.



THANK
YOU

