

Lumpy Skin Disease in Spain



PAFF Committee – Animal health and welfare 20-21th October 2025

SG Animal Health and Hygiene and Traceability

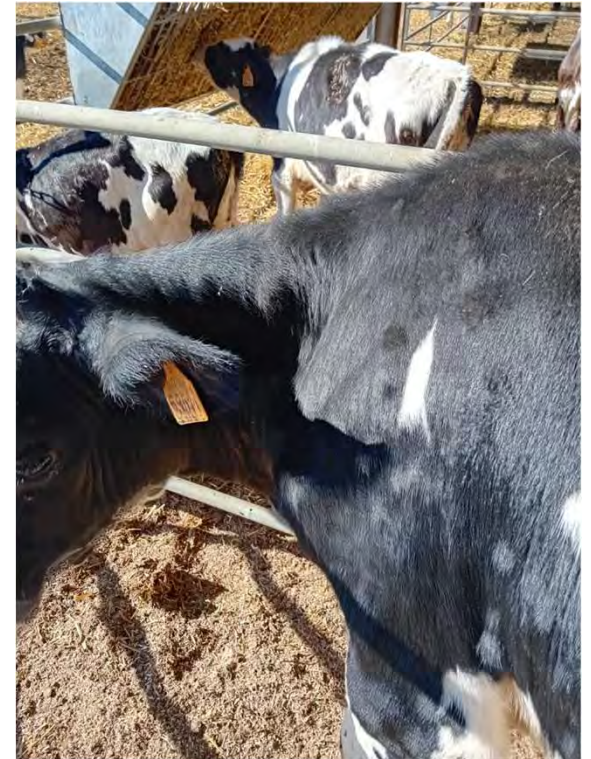
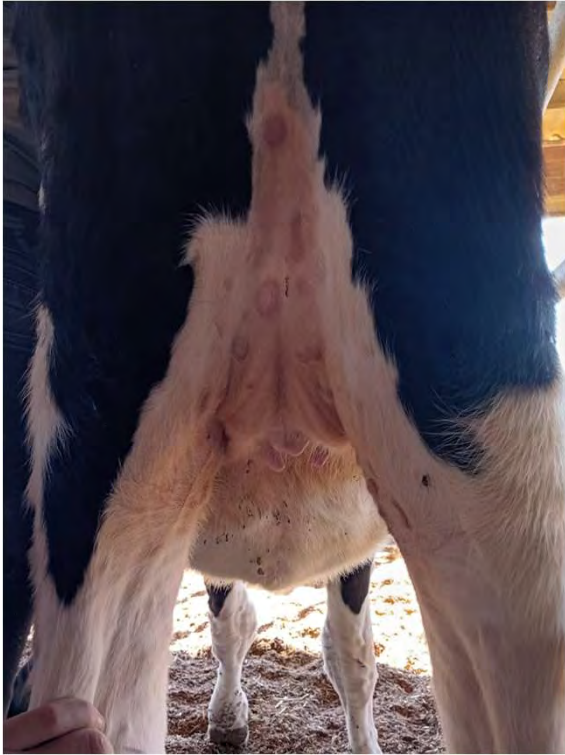
DG Health of Agri-Food Production and Animal Welfare

Ministry of Agriculture, Fisheries and Food

Situation in Spain

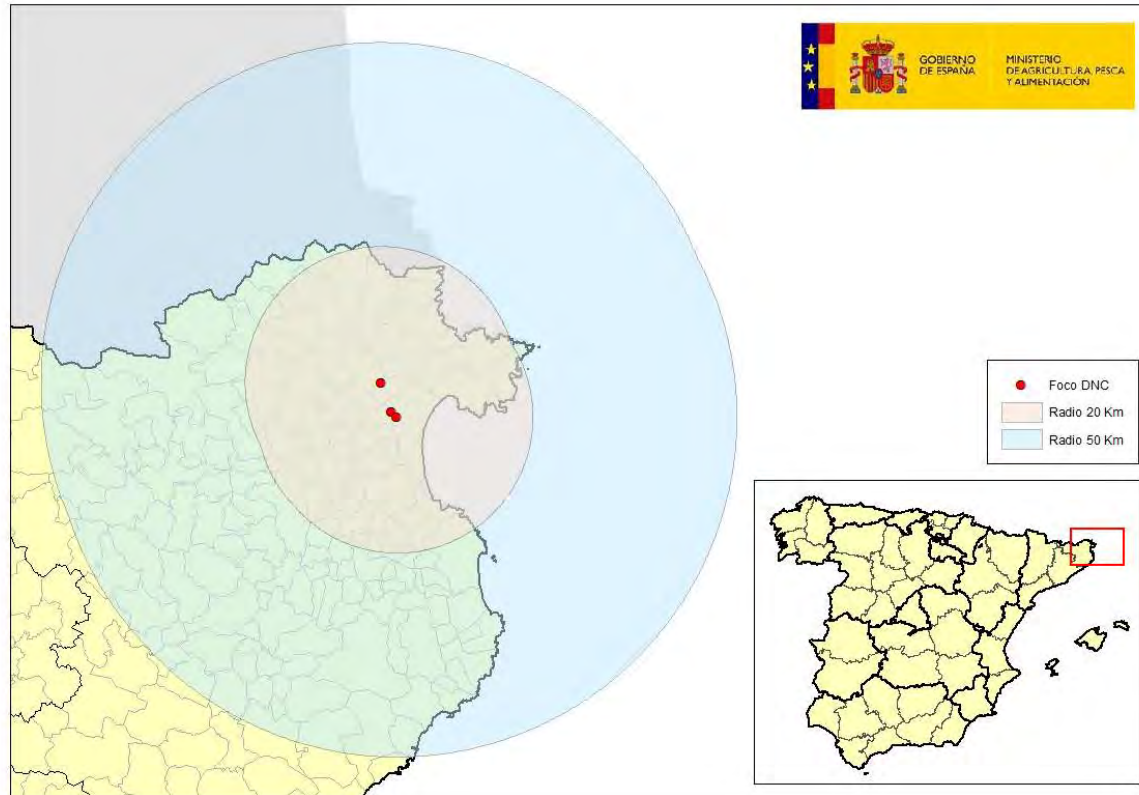
- **First LSD detection** in the history of Spain, first outbreak on a heifer farm in the municipality of Castelló d'Empuries, Alt d'Ampordà region, in the **province of Girona (Cataluña)**
- **Census of 123 heifers of milk.**
- **1/10/25** detection of compatible symptoms (fever and nodules) in three animals → Sampling and dispatch to LCV Algete (NLR)
- **Confirmation of infection with LSD on 3/10/25 in the afternoon.**
- Outbreak reported the same day in **RASVE** and the next day in **ADIS-WAHIS.**
- **Holding epidemiologically linked to two others in the area** (one rearing heifers of 255 animals and another producing milk with 821 cows), both confirmed negative in LCV Algete.

Situation in Spain



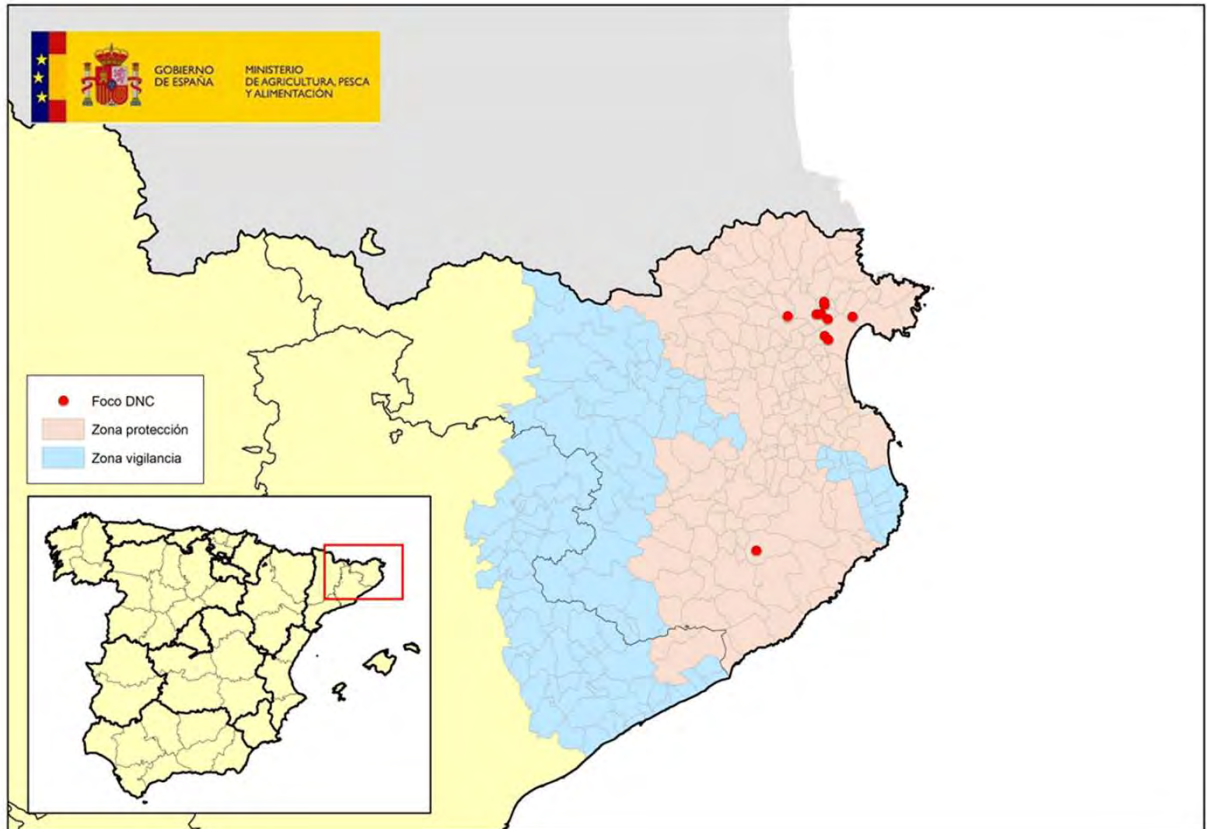
Photographs of LSD lesions in bovine animals of outbreak 2025/1

Situation in Spain



Location LSD positive holdings (7.10.25)

- Detection of 9 new outbreaks in the following days, **all of them located in the previous RZ**
- **Last outbreak 2025/10 located in the SZ**, in a Dairy farm with 151 bovines located 40km to the south from the nearest previous outbreak.



Location of LSD positive holdings (16.10.25)

Situation in Spain

OUTBREAK NUMBER	HOLDING (REGOVERNMENT)	AUTONOMOUS COMMUNITY	PROVINCE	MUNICIPALITY	PRODUCTIVE PROFILE	CENSUS
2025/1	ES170470002111	Catalonia	Gerona	Castelló d'Empuries	Heifer farm	123
2025/2	ES171320005826	Catalonia	Gerona	Peralada	Milk production	270
2025/3	ES170470002117	Catalonia	Gerona	Castelló d'Empuries	Milk production	262
2025/4	ES171290005750	Catalonia	Gerona	Pedret i Marzà	Barley	30
2025/5	ES171320005815	Catalonia	Gerona	Peralada	Barley	8
2025/6	ES171200005648	Catalonia	Gerona	Palau - Saavedra	Meat production	575
2025/7	ES171290005752	Catalonia	Gerona	Pedret i Marzà	Meat production	158
2025/8	ES171320037620	Catalonia	Gerona	Peralada	Meat production	17
2025/9	ES172140009830	Catalonia	Gerona	Vilabertran	Heifer farm	41
2025/10	ES170440001973	Catalonia	Gerona	Cassà de la Selva	Milk production	151

LSD Outbreaks (16.10.25)

Spain outbreak management

Control measures of Commission Delegated Regulation (EU) 2020/687 :

- Movement restriction in the RZ and depopulation of the positive holdings
- Disposal of carcasses of culled animals and products likely to be contaminated.
- Epidemiological investigation to try to identify the origin of the infection and risk contacts,
- Establishment of two RZ (one for outbreaks 1-9; another for outbreak 10).
 - **PZ around outbreaks 1-9: 300 holdings; 38.502 bovine animals**
 - **PZ around outbreak 10: 194 holdings** (of which 152 holdings were already located in the previous SZ) and a total of **27.968 animals**
 - **Common SZ around outbreaks 1-10: 1.318 holdings** (of which 962 were holdings from the first SZ adopted for outbreaks 1-9) and a total of **108.227 animals**
- Biosecurity and Passive Surveillance awareness campaign in the whole country.
- Disinsection of animals and means of transport (including other spp such as horses).

Spain outbreak management

VISIT TO RISK HOLDINGS

Visits to holdings in protection zone and visits to holdings epidemiologically related to outbreaks.

→ Visits with clinical inspection of complete census, and sampling for PCR in case of symptoms. Visits ongoing in different regions.

Movements from the whole RZ of Cataluña in the last 45 days since suspicion of outbreaks.

→ Investigation and traceability of departure movements from holdings in the RZ adopted in Catalonia → Identification of movements to several Autonomous Communities (already informed, visits ongoing, at the moment no detection of suspicions).

→ Visits with clinical inspection of complete census of holdings, and sampling for PCR in case of symptoms. Visits ongoing.

Spain outbreak management

Emergency vaccination

- Legal basis: **Commission Delegated Regulation (EU) 2023/361.**
- Receiving **82,500 doses of OBP vaccine (South Africa) from European Vaccine Bank**, received on Tuesday **14/10/25**;
- Contact with **France: 15,000 doses** (approx. 12,000 doses MSD vaccine and 3,000 doses OBP vaccine, **received on 9/10/25**), in application.
- **Emergency purchase** of approximately **500,000 vaccine doses** with **MSD Netherlands laboratory**. Received first delivery of 110,600 doses. Second purchase of about **417.000 new doses started**.
- **Vaccination in RZ 50km**; initiation of vaccination within a radius of 3-5 km from focus holdings outwards and from the radius of 20km of PZ inwards + subsequent vaccination within the remaining 30km of VZ outwards.
- **Peri-vaccination zone of 20km around the RZ**, without vaccination and with enhanced surveillance.
- **Prohibited in the current situation vaccination in free zones** (vaccination strategy will be reviewed in the light of epidemiological developments).

Main challenges

- Total stamping out of affected farms.
- Disposal of carcasses and products
- Risk of spread of the virus through mechanical vectors in transport vehicles of other non-listed species, whose movements are not restricted → Enhancement in C&D and disinsection

Spain outbreak management

COMMUNICATION AND AWARENESS

- Regular sending of briefing notes on the situation of the LSD in both countries, and RASVE public news.
- Development and dissemination of a brochure to increase the sensitivity of passive surveillance (30 June).

LA DERMATOSIS NODULAR CONTAGIOSA
ES UNA ENFERMEDAD MUY GRAVE DE CATEGORÍA A,
AFECTA A GANADO BOVINO Y HA SIDO DETECTADA
EN LA UNIÓN EUROPEA.
EN NINGÚN CASO AFECTA A SERES HUMANOS

¿Cómo podemos saber si nuestros animales han contraído la enfermedad?

1 Examine diariamente a los animales de su granja:

- > En la cabeza
- > En el abdomen
- > En el pecho
- > En las axilas
- > En el área genital
- > En la base y bajo la cola
- > En el muslo

2 Buscar cuidadosamente lesiones de estos tipos:



Nódulos repartidos por todo el cuerpo Nódulos en la cabeza, hocico y cuello
Nódulos en las tetas del cuerno Nódulos en la base de la cola e ingles
Nódulos en las ubres Nódulos en el hocico y ritmo

3 SI SE DETECTA CUALQUIERA DE ESTOS SÍNTOMAS O LESIONES COMPATIBLES CON LA ENFERMEDAD
COMUNIQUE DE FORMA INMEDIATA A LOS SERVICIOS VETERINARIOS OFICIALES
ESTOS HALLAZGOS Y SIGA SUS INSTRUCCIONES

SI SOSPECHA QUE SUS ANIMALES PUEDEN HABER CONTRAÍDO LA ENFERMEDAD,
NO ESPERE Y AVISE DE FORMA INMEDIATA A LOS VETERINARIOS
TODO EL GANADO DE SU REGIÓN PUEDE ESTAR EN RIESGO

Para más información, póngase en contacto con las autoridades veterinarias locales de su zona

¿Cómo debemos actuar para prevenir la introducción de Dermatitis Nodular Contagiosa en nuestras explotaciones?

- > Evitar o reducir al mínimo posible las visitas externas a nuestra explotación, así como nuestras visitas a otras explotaciones
- > Evitar compartir personal, maquinaria, herramientas, piensos, material de cama y otros materiales entre explotaciones.
- > Reforzar la limpieza y desinfección de nuestros vehículos, en especial las ruedas y bajos, tras la entrada y antes de la salida de nuestra explotación
- > Desinfectar adecuadamente los locales, los medios de transporte y los animales con productos autorizados, para minimizar vectores
- > Comunicar a los Servicios Veterinarios Oficiales cualquier movimiento sospechoso de ser ilegal en la zona del que tengamos conocimiento

FAO COURSE EuFMD LSD

- Online course open to official and private veterinarians.
- Dissemination of the course and registration of participants in progress through the Autonomous Communities and sector organisations.

Conclusions

- **First detection of LSD in Spain**, so far **10 outbreaks in the province of Girona** in medium-sized cattle holdings.
- Regulatory **control measures** applied, including total depopulation of farms confirmed as positive. **Many difficulties and sector and political opposition to total depopulation.**
- **Emergency vaccination campaign already underway since 9/10/25. Vaccination ZR, prohibited in free zones.**
- Priority is given to **investigating movements detected from the affected area in France and Girona.**
- **Very high risk situation** → high level of awareness, biosecurity, passive surveillance and disinsection → observing animals one by one on a daily basis and immediate communication of any compatible symptoms.