



LSD in the region

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All the way from Africa.....

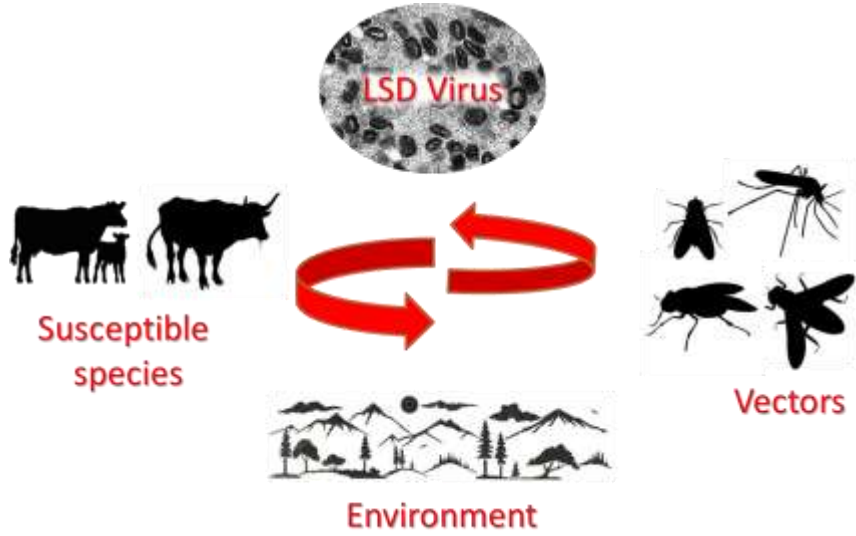
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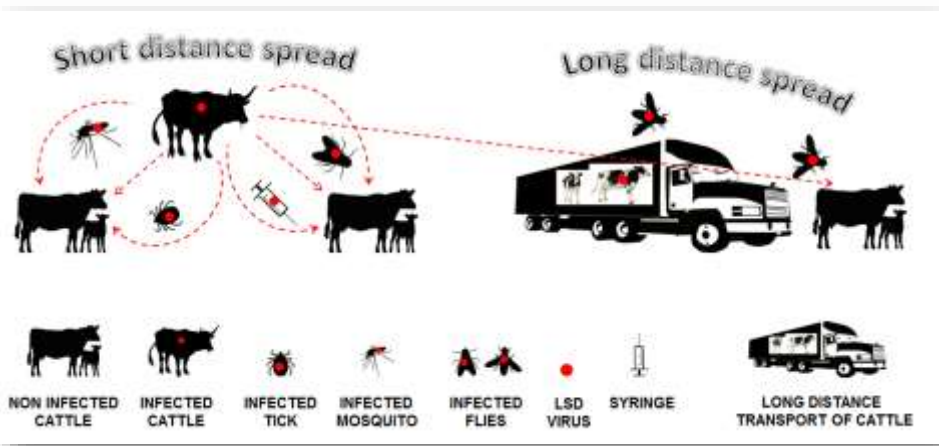
ASF vs. LSD



What is needed for LSD?



LSD spread



LSD in Africa

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- Since 1929 LSD spread from Zambia across the continent, including Egypt
- One of the main diseases hampering development of intensive cattle production in Africa
- High-producing dairy cows are very susceptible compared to Afrikaner/cross cattle breeds
- Epidemiology of LSD differs between Africa, the Middle East and Europe
 - Characteristic farming practices and nomadism
 - Direct and indirect contacts with wild ruminants occur via common grazing
 - Environmental factors, climate, vegetation and abundance of insect and ticks
 - Vaccination policies vary between affected countries in the region
- Recent reports from South Sudan, Namibia, Burundi, Zambia, Zimbabwe
- Never reported in Algeria, Morocco, Tunisia and Libya



LSD in the Middle East

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- Outbreaks have been reported in the region since 1989 – Egypt (2012-15) Lebanon (2012-13 and again 2016), Israel (2012-13), Palestinian Autonomous Territories (2013-?), Jordan (2013-16), Iraq (2013-16), Kuwait (2014-16), Iran (2014-16), Saudi Arabia (2015-2016), Bahrain (2015)
- Oman (2009-16)
- Syria, United Arab Emirates, Yemen?
- Uncontrolled animal movements – nomadism and communal grazing
- Substantial importer of live cattle from the Horn of African countries
- Importation of live animals lacks sufficient control



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LSD outbreak in South East Europe and Northern Caucasus 7

- Turkey (2013), the norther part of Cyprus (2014), Greece (2015), followed by Bulgaria, Serbia, FYR of Macedonia, Montenegro, Kosovo and Albania (2016)
- Not affected: Bosnia and Herzegovina and Croatia
- Caucasus: Azerbaijan (2014), Armenia (2015) Georgia (2016)
- Kazakhstan (2016)
- In southern Russian Republics of Chechnya, Dagestan, Kalmykiyan, In the Russian Federation, LSD has spread within 16 provinces → Ukraine at high risk



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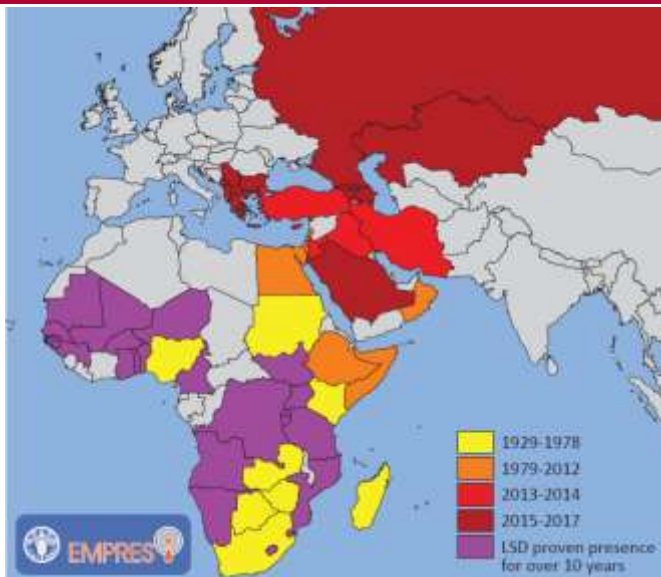
Global occurrence of LSD (OIE)

Live cattle movement among African and Middle Eastern countries displayed as yearly average amounts in the period 2008–2013 (COMTRADE)



Countries that have reported LSD

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Lumpy skin disease and bluetongue training of trainers in FYR of Macedonia

Skopje, 13-14 September 2017

Movie: LSD spread in Turkey and the Balkans

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Lumpy skin disease and bluetongue training of trainers in FYR of Macedonia

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LSD in the region in 2016

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Lumpy skin disease and bluetongue training of trainers in FYR of Macedonia

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LSD in the region in 2017

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Free zones with Vaccination (Part I):

- Croatia
- Bulgaria (certain areas in the North and East part)

Infected zones (Part II):

- Continental Greece (including the island of Lemnos)
- Bulgaria (excluding the "free with vaccination" zones)

Free with Vaccination zone

Infected zone

LSD outbreaks 2015-Sep 2016 (ADNS)

Live bovines from Part I (free zones with vaccination) to:

- Part I or Part II areas (conditions)
- Any other Member State (MS) or third country under conditions
- Any other MS or third country under conditions and bilateral agreements

Live bovines from Part II (affected zones) to :

- Part II areas of same or other MS (conditions)
- Other areas (MS/third country) only on the basis of conditions and bilateral agreements

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Thanks for your attention

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