

S. N.	LSD status for the country	Vaccination strategy for LSD	Type of vaccines to use
1	Endemic	Annual vaccination	1. LSDV strain vaccine if only LSDV is prevalent and no sheep pox or goat pox outbreaks are recorded in the country. 2. SPPV or GTPV strain vaccine if sheep pox or goat pox disease overlap with lumpy skin disease in the country.
2.	Newly affected	Prophylactic vaccination of susceptible population (Gelaye & Lamien, 2019;Kitching, 2003).	1. LSDV strain vaccine if only LSDV is recorded and no sheep pox or goat pox outbreaks in the country 2. SPPV or GTPV strain vaccine if sheep pox or goat pox disease overlap with lumpy skin disease in the country (recommended over LSDV vaccine if all the disease overlap because of potential safety issues associated with LSDV vaccine) (Tuppurainen & Oora, 2012).
3.	LSD free	If the country is apparently LSD free but the cases of LSD is seen in the region of nearby countries then no vaccination is recommended but strict quarantine, import ban from affected areas, active surveillance and regular laboratory checkups of suspected animals can be followed	No vaccination is recommended