

GOVERNMENT OF INDIA
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING
DEPARTMENT OF ANIMAL HUSBANDRY AND DAIRYING
RAJYA SABHA
UNSTARRED QUESTION NO. 2024
TO BE ANSWERED ON 23rd DECEMBER, 2022
VACCINE FOR LUMPY VIRUS DISEASE

2024 SHRI JAYANT CHAUDHARY:

Will the Minister of FISHERIES, ANIMAL HUSBANDRY AND DAIRYING be pleased to state:

- (a) the total number of deaths of cattle due to the outbreak of Lumpy Skin Disease (LSD), State-wise;
- (b) whether Government has provided compensation to all the farmers who lost cattle due to the disease;
- (c) if so, the details thereof, State-wise;
- (d) if not, the reasons therefor;
- (e) whether ICAR has developed a vaccine for cow, buffalo specifically, and what trials have been conducted in this regard; and
- (f) if so, whether the vaccine developed by ICAR has been approved and included in the vaccination program?

ANSWER

**THE MINISTER FOR FISHERIES ANIMAL HUSBANDRY AND DAIRYING
(SHRI PARSHOTTAM RUPALA)**

- (a) As gathered from the states, the total number of deaths of cattle due to the outbreak of Lumpy Skin Disease (LSD) state-wise is attached as **Annexure 1**.
- (b) to (d): Animal Husbandry is a State subject. Department of Animal Husbandry and Dairying, Government of India does not have any scheme to provide compensation to the farmers who lost cattle due to the disease. However, Department of Animal Husbandry and Dairying, Government of India is taking all necessary steps to support States / UTs to control and contain LSD which include financial and technical support. Central teams also visited the states / UTs and physical and virtual meetings are conducted to sensitize the states / UTs authorities. The guidelines/advisories for control of LSD including vaccination have been circulated to States / UTs for implementation so as to control and contain the disease within a definite timeline. Further, as gathered from the states, vaccination against LSD is underway in the affected States/UTs and some States have also compensated farmers/livestock owners for loss of their cattle due to LSD.
- (e) and (f): Yes, Sir. As gathered from Indian council of Agricultural Research (ICAR), a homologous live attenuated Lumpy Skin Disease vaccine for use in cattle and buffaloes has been developed by ICAR named Lumpi-ProVac^{Ind}. Besides experimental trials in Calves, the field trials have been conducted in 26940 animals (cattle and buffaloes). The vaccine has been found safe and efficacious against LSD in cattle/buffaloes. The vaccine technology has been released by ICAR to M/s. Indian Immunological Limited, Hyderabad and M/s. Biovet Private Limited, Malur, Karnataka, and is in the final testing stage.

Annexure 1

State-Wise Details of death of cattle due to Lumpy Skin disease (LSD) in the country during the year 2022 (as on 20-12-2022)		
Sl. No.	State/UT	Number of animals died due to LSD
1	Gujarat	6193
2	Himachal Pradesh	10872
3	Punjab	17932
4	Rajasthan	75820
5	Uttarakhand	920
6	Madhya Pradesh	694
7	Jammu & Kashmir	2698
8	Uttar Pradesh	647
9	Haryana	2937
10	Maharashtra	28227
11	Goa	1
12	West Bengal	0
13	Andhra Pradesh	58
14	Delhi	0
15	Bihar	0
16	Tamil Nadu	1
17	Jharkhand	0
18	Karnataka	21305
19	Telangana	70
20	Kerala	130
21	Chhattisgarh	0
22	Odisha	21
	TOTAL	168526
