

GOVERNMENT OF INDIA
MINISTRY OF FISHERIES, ANIMAL HUSBANDRY AND DAIRYING

LOK SABHA
STARRED QUESTION NO. 356
ANSWERED ON 25.03.2025

LIVESTOCK AND FISH DISEASES

*356. SHRI RAJABHAU PARAG PRAKASH WAJE:

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

- (a) whether the Ministry has identified major livestock and fish diseases in Nashik district through surveys during the last five years, and if so, the key findings regarding disease prevalence, if so, the details thereof;
- (b) whether the Government has implemented vaccination and disease prevention programs like the Foot and Mouth Disease (FMD) Control Programme for livestock and any targeted disease management for fisheries, if so, the details thereof including the details of animals and fish treated;
- (c) whether specific funds were allocated for disease control in Nashik, if so, the details thereof including the status of their utilization;
- (d) the steps taken to strengthen veterinary and fisheries healthcare infrastructure in Nashik's rural and tribal areas for early disease detection and treatment; and
- (e) whether the Government has any plans to introduce advanced technologies for real-time disease monitoring and control in the region and if so, the details thereof ?

ANSWER

MINISTER FOR FISHERIES, ANIMAL HUSBANDRY & DAIRYING

(SHRI RAJIV RANJAN SINGH ALIAS LALAN SINGH)

- (a) to (e): A statement is laid on the Table of the House.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) to (e) IN RESPECT OF LOK SABHA STARRED QUESTION NO. 356 FOR REPLY ON 25.3.2025 REGARDING LIVESTOCK AND FISH DISEASES ASKED BY SHRI RAJABHAU PARAG PRAKASH WAJE:

(a) Indian Council of Agricultural Research (ICAR)-National Institute of Veterinary Epidemiology and Disease Informatics (NIVEDI) has identified 15 economically important diseases of livestock nationally. As per the information received from the State of Maharashtra, diseases like Foot and Mouth Disease (FMD), Peste des Petits Ruminants (PPR), Lumpy Skin Disease (LSD), Haemorrhagic Septicaemia (HS), Black Quarter (BQ), Enterotoxaemia (ET) Anaplasmosis, Avian Influenza (AI) and Ranikhet Disease (RD) have been reported in the district of Nashik during the last five years. As per the information of Maharashtra, the key findings related to Nashik district are as follows:-

- i. Last outbreak of AI, Anaplasmosis and PPR occurred during 2020-21. After that, no outbreak reported.
- ii. Last HS and FMD outbreak occurred during 2021-22. After that, no outbreak reported.
- iii. The outbreak of LSD has reduced to 7 in the year 2024-25 from 192 in the year 2023-24.

Further, as far as fish disease is concerned there is no disease outbreak reported from the Nashik district during recent years in respect to fish diseases.

(b) The treatment of livestock diseases is under the domain of the State Government. However, the details of the support being provided centrally for control programme, surveillance, capacity building etc is as follows:-

- i. Under Livestock Health and Disease Control Programme (LHDCCP) scheme, 100% central assistance is provided to States/UTs for vaccination against Foot and Mouth Disease (FMD), Brucellosis, Peste des Petits Ruminants (PPR) and Classical Swine Fever (CSF). Quality vaccines are procured and supplied centrally. Support is provided to the States/UTs for procurement of vaccination accessories, strengthening cold chain infrastructure, remuneration for vaccinators, awareness generation etc.
- ii. Under Assistance to States for Control of Animal Disease (ASCAD) sub-component of the LHDCCP scheme, financial assistance is provided to the States/UTs for the vaccination of state prioritized exotic, emergent and zoonotic animal diseases including Lumpy Skin Disease, Black Quarter, Haemorrhagic Septicaemia etc. Assistance is also provided to States/UTs for strengthening of diagnostic infrastructure and Capacity Building and training of Veterinarians and Para Veterinarians.
- iii. Total 110.49 crore FMD vaccine, 4.57 crore Brucellosis vaccine, 25.36 crore PPR vaccine, 0.70 crore CSF vaccine, and 27.31 crore LSD vaccine have been administered to the susceptible animal population in respective states/UTs. In state of Maharashtra, total 921.26 Lakh FMD vaccine, 28.01 Lakh Brucellosis vaccine, 227.24 Lakh PPR vaccine, 1.51 Lakh CSF vaccine, and 396.00 lakh LSD vaccine have been administered in the State.
- iv. Ministry through National Surveillance Programme on Aquatic Animal Diseases (NSPAAD) has developed a mobile app ("Report Fish Disease") which empowers farmers to report incidence or outbreak. Targeted disease surveillance is in places for

specific pathogen, species and location where there is occurrence of aquatic animal diseases.

- (c) Under LHDCP scheme funds are allocated to State and distribution of funds to the district is under the domain of the state. Rs.18094.67 lakhs has been released under the LHDCP Scheme to the state of Maharashtra during last five years and the utilization certificate details of Rs 1026.32 lakhs is pending from the State of Maharashtra.

Under Pradhan Mantri Matsya Sampada Yojana (PMMSY) fund of Rs.33.78 crore has been approved for a period of three years for the implementation of the second phase of the National Surveillance Programme for Aquatic Animal Diseases (NSPAAD) under PMMSY for implementation in all the states/UTs. Total funds of Rs. 150.09 lakhs have been allocated for the state of Maharashtra in the last five years under NSPAAD.

- (d) As information received from the state of Maharashtra, there are 266 veterinary institutes in Nashik which include 01 district polyclinic, 06 taluka mini-polyclinic and 109 grade-1 and 148 grade-2 institutes and 2 state mobile units to cater veterinary care in the district and 04 numbers of MVU has been operationalized in Nashik under central assistance.

Government has launched an android-based mobile app as “Report Fish Disease” developed by ICAR-National Bureau of Fish Genetic Resources (NBFGR), Lucknow under National Surveillance Programme for Aquatic Animal Diseases (Phase- II), funded under PMMSY. The app is available in Marathi besides Hindi, English and 10 other regional languages.

- (e) The details are as follows:-

- i. As per the information received from the state of Maharashtra, Western Regional Disease Diagnostic Laboratory has been upgraded to Bio Security Level (BSL)-III designed for research and diagnostic work involving potentially harmful microbes, requiring high containment and bio-safety measures. Two Regional Disease Investigation Laboratories (RDILs) have been established in Nashik region with RT-PCR testing facility for disease diagnostic purpose.
- ii. Department of Fisheries has developed a mobile app as “Report Fish Disease” developed by ICAR-(NBFGR), provide a central platform for connecting and integrating fish farmers, field-level officers and fish health experts seamlessly with benefits as under:
 - a. **Early Disease Detection and Reporting:** fish farmer can report fish diseases in real-time, enabling early identification and quick response.
 - b. **Rapid Response and Control Measures:** Authorities receive immediate alerts, allowing timely intervention to control outbreaks.
 - c. **Enhanced Aquaculture Biosecurity:** It helps prevent disease spread, reducing fish mortality and economic losses.
 - d. **Scientific Data for Policy Formulation:** The collected data aids in research and policymaking for better disease control strategies.

Besides, two collaborating centres, namely ICAR- Central Institute of Fisheries Education, Mumbai and College of Fisheries, Ratnagiri have been designated to investigate disease outbreak from all districts of Maharashtra and suggest the management measures.
