

**GOVERNMENT OF INDIA  
AGRICULTURE  
LOK SABHA**

UNSTARRED QUESTION NO:2806

ANSWERED ON:11.12.2012

FOOT AND MOUTH DISEASE

Sainuji Shri Kowase Marotrao

**Will the Minister of AGRICULTURE be pleased to state:**

- (a) whether there has been an outbreak of foot and mouth disease among the livestock in various parts of the country including Maharashtra and several livestock died due to the disease;
- (b) if so, the details thereof along with the States/UTs affected by the outbreak and the reasons therefor;
- (c) whether any research work is being undertaken by the Government on this disease;
- (d) if so, the details thereof; and
- (e) the remedial measures taken/proposed to be taken by the Government to control this outbreak at the earliest?

**Answer**

THE MINISTER OF STATE FOR AGRICULTURE AND FOOD PROCESSING INDUSTRIES (DR. CHARAN DAS MAHANT)

(a) & (b) Outbreaks of Foot and Mouth Disease (FMD) are reported from various States/Union Territories in the country. The detailed State-wise statement showing incidence of Foot and Mouth Disease during last five years and up to June, 2012 is enclosed as Annexure. As per the information received from Department of Animal Husbandry, Maharashtra there has not been outbreak of the disease and no mortality in livestock has been reported due to FMD since 2008-09, however, sporadic cases has been reported. The FMD outbreaks in the country are caused by three serotypes (O, A and Asia 1) of FMD virus. Sporadic deaths occur in young calves due to myocardial infarction and in adult animals death occurs in some cases due to clinical complications with pathogenic bacterial infections like Hemorrhagic Septicemia.

(c) & (d) As per the information received from Indian Council of Agriculture Research (ICAR), details of the research activities on this disease are given as under:

# Studies on systemic epidemiology and molecular epidemiology of FMD with carrier status of the disease.

# Antigenic and molecular characterization and cataloguing of FMD virus strains isolated from outbreaks, with vaccine matching exercise and maintenance of National FMD virus repository.

# Production, standardization and supply of diagnostic reagents of FMD virus diagnosis and monitoring of vaccinal immunity with maintenance and supply of most appropriate vaccine strain to the FMD vaccine manufacturers for use in the country.

# Development of newer diagnostic techniques using cutting-edge technologies in molecular biology.

(e) In order to prevent, control and contain the Foot and Mouth disease in the country, the Department has initiated 'Foot and Mouth Disease Control Programme (FMD-CP) since 10th Five Year Plan period in 54 districts which was extended in 11th Five Year Plan to 221 districts and thus now covers all the districts in the States/UTs of Andhra Pradesh, Karnataka, Kerala, Tamil Nadu, Maharashtra, Goa, Gujarat, Punjab, Haryana, Andaman & Nicobar Islands, Dadra & Nagar Haveli, Daman & Diu, Delhi, Lakshadweep, Puducherry and 16 districts in Uttar Pradesh. Vaccination of all Cattle and Buffalo population against FMD using inactivated and trivalent FMD vaccine at six monthly intervals is envisaged under the programme. There is regular surveillance and monitoring FMD in the country. The scope of the FMD control programme will further be expanded so as to cover remaining districts in phased manner. Funds are also being provided to all the States/UTs other than those covered under FMD-CP for control of economically important diseases of livestock including FMD under 'Assistance to States for Control of Animal Diseases (ASCAD)' as per the approved pattern of financial assistance under the Scheme.