

Refresher training on 'Detection and Serology of FMD virus' organized at ICAR-DFMD Mukteswar

Mukteswar, October 29, 2021: ICAR-Directorate of Foot and Mouth Disease, Mukteswar organized 4 days refresher training on 'Detection and Serology of Foot and Mouth Disease Virus' from 26.10.21 to 29.10.21. The programme was conducted under the project on 'National Animal Disease Control Programme for Foot and Mouth Disease' (NADCP for FMD). The objective of training was to update/ refresh knowledge and professional skills in diagnosis of FMD. Officers nominated from state FMD centres, Disease Investigation Laboratory and State Agriculture/ Veterinary Universities participated in the programme conducted through both online and offline mode.

A total of 11 trainees from Uttarakhand, Uttar Pradesh, Haryana, Gujarat, Maharashtra and Nagaland joined the training programme. Besides 4 participants from Haryana, Maharashtra and Karnataka attended the training through virtual mode. Trainees are associated with NADCP project and/or Animal Disease investigation of concern states.



Participants along with the training coordinators and associates at ICAR-DFMD Mukteswar

Eight lectures and 6 practical sessions were conducted to cover basic diagnostic aspects of this economically important viral disease. Processing of sample for diagnosis, Serotyping ELISA, SPC ELISA, DIVA ELISA, RT-mPCR and probang sampling were included in practical classes. Queries like FMD DIVA reactors, detection and importance of carrier animals in FMD epidemiology, Post outbreak SOP for vaccination, post FMD management at field and sampling plan for seromonitoring/serosurveillance were addressed by the experts during interaction. Expectation from future training and feedbacks were taken from the participants.



Hands on practical training on Serotyping ELISA



Demonstration of oropharyngeal fluid collection from cattle using probang cup



Virtual lecture by DFMD scientists

In valedictory function, Dr R. P. Singh, Director, ICAR-DFMD pointed out that participants should become a master trainer for their state officers and subordinates to handle the FMD effectively. Dr A.K. Mohanty, Joint Director, ICAR-IVRI Mukteswar briefed on national importance of NADCP in endemic setting. The whole programme was coordinated by Dr. J. K. Mohapatra, SIC, ICFMD, Bhubaneswar, Dr C. Jana, Pr Scientist, Dr S. Saravanan, SIC, NSL, Bengaluru and Dr Sagar A. Khulape, Scientist (SS) DFMD Mukteswar.



Dr J. K. Mohapatra, expert faculty, ICFMD, Bhubaneswar interacting with trainees virtually



Trainees receiving participation certificate from Dr A. K. Mohanty, Joint Director, ICAR-IVRI Mukteswar



Concluding remarks by Dr R.P. Singh, Director, ICAR-DFMD in valedictory function