

Eastern Regional Station, ICAR-IVRI, Kolkata Organised Training on “Advanced Swine Production and Management” at Kalyani Campus

A 3 days training programme on “Advanced Swine Production and Management” was organized by Eastern Regional Station, ICAR-IVRI, Kolkata at Nimtala, Nadia District in collaboration with West Bengal Farmers Association, Nimta, Nadia district from 6-8th October under AICRP on Pig. A total of 25 trainees, mostly educated unemployed youths, progressive farmers and entrepreneurs from different districts of West Bengal attended the training. The main focus of the



programme was to impart knowledge on breeding, housing and management, reproduction, nutritional, disease and stress management, integrated pig farming as well as funding agencies supporting animal farming besides intensive hands-on practical exposure in the animal farm. The inaugural programme was started with address by Dr Syamal Naskar,



Course Coordinator and PI of AICRP on Pig who welcomed all the participants and other staff including scientist colleagues present in



the hall. Dr. Naskar briefed the participants about the objectives and course content of the programme. Dr S C Das,



on behalf of SIC, ERS, ICAR-IVRI briefed about ICAR-IVRI and especially ERS, ICAR-IVRI, Kolkata centre on various scientific and extension programme conducted for the welfare of the rural farmers and entrepreneurs.

In his inaugural lecture, Dr Naskar appraised the participants on breeds and breeding of pig for better productivity and discussed on selection of elite breeding stock, avoidance of inbreeding, importance of pedigree records and the physical attributes of elite animals. He also detailed out the importance of pig rearing, how to start a farm, housing, day to day care, management of various age group of pigs and routine farm management etc. Dr S Bag discussed about pig reproduction, various issues of reproductive problems and how to minimize the incidences. During his interaction, he highlighted infertility problems, abortion and stillbirth, retention of placenta, prolapsed, dystocia etc. Besides this, Dr Bag also delivered a lecture about the impact of heat stress on animal production and the measures to be taken to prevent the stress in animals.



Dr. D. Mondal, Principal Scientist elaborated on “Different diseases of pigs and their treatment” including their prevention and control. He also talked about proper disease management, maintenance of hygiene in animal farm. Dr Mondal also



talked on “Viral Diseases in pig and their vaccination schedule”. During the discussion, he elaborately discussed the signs and symptoms of important viral and bacterial diseases like ASF, brucellosis, anthrax, mastitis, haemorrhagic septicemia, metabolic and other diseases. Further he elaborated on “Piglet diarrhoea” and other diseases of pig. He also highlighted the issue of prudent use of antibiotics resulting in development of antimicrobial resistance (AMR) and the way forward to cope up with this.

Dr S C Das Principal Scientist appraised the trainees on bio-safety issues in pig farming and stressed upon the need to follow vaccination schedule to prevent major

killer diseases and sufferings often associated with animals.

The participants were also appraised about to integrate pig with fish farming to reap more benefits through maximum utilization of land and water resources. In his deliberation, Dr S. C. Das, Principal Scientist discussed on “Zoonotic



Diseases in pig and their Control”. He also talked



about the routine practice of hygiene and sanitation in a farm. Before delivering his concluding remarks, Dr. Naskar appraised about the importance of deworming,

diagnosis and control of gastrointestinal parasitic diseases.

Trainees were given hands-on practical exposure on handling, care and management of new born piglets, pregnant sow, breeding boars, method of castration, dispensing medicine, tagging method, and data recording by Dr. Naskar and Dr. S Bag.

On the occasion of valedictory function, participants provided their feedback and expressed their great satisfaction on the design of the course, lectures delivered to them and especially hands on training on farm, and various other hospitality provided to them. On their



concluding



remarks, Dr D Mondal and Dr Naskar highlighted the importance of the training and encouraged the participants to apply the

knowledge gained for their economic upliftment and spreading the knowledge to their fellow farmers. The training was concluded by presentation of vote of thanks.