

Training on Carbon sequestration and GHG measurement in IFS models of AICRP on Integrated Farming Systems

A three days training on “Carbon sequestration and greenhouse gas (GHG) emission measurement in IFS models of AICRP on Integrated Farming Systems” was organized by ICAR-Indian Institute of Farming Systems Research (IIFSR), Modipuram in collaboration with ICAR-Indian Agricultural Research Institute, New Delhi during 2-4th August, 2016. Dr. Brahma Prakash, Director ICAR- CIRC, Meerut inaugurated the training on 02 August 2016 with a specific remarks that, organizing such a training is essential for developing human resource to address the various issues emerging in agriculture. Dr. Devendra Kumar, Joint Director ICAR- CPRS, Modipuram pointed that this type of training is important at national level to apply uniform methodology across the locations. Dr AS Panwar, Director, ICAR-IIFSR made it clear that specific programme will be developed for measurement of carbon sequestration and GHG in all the on-station IFS models for which this training is a first step. Resource persons and experts in the field of Carbon Sequestration and GHG from ICAR-NDRI (Karnal), ICAR-CAFRI (Jhansi), ICAR-CIFA (Bhubaneswar) ICAR-IISWC (Dehradun) trained participants on various methodologies of measurement of carbon sequestration and GHG in various components of farming system. First day training was held at ICAR-IIFSR, Modipuram while second and third day training was organized at ICAR-IARI, New Delhi. Practical hands on training were imparted at Centre of Environmental Science and Climate Resilient Agriculture (CESCRA), ICAR-IARI, New Delhi.

Chief Guest of Valedictory function Dr. S.K. Choudhari, ADG (SWM), NRM division distributed the certificates to participants and highlighted that focused short term trainings to AICRP scientists are essential to upgrade the skills. He also said, IFS plays a critical role in addressing several issues of climate change and the outcome of the training will lead to measurement of carbon sequestration rate and GHG emission in various IFS models. Dr. S. Bhaskar, ADG (AAFCC), NRM division, Dr. K.K. Singh ADG (FE), Agricultural Engineering

division, Dr. M.B. Chetti, ADG (HRD) Education division, Dr SD Singh, Head (CESCRA) and Dr V.K. Singh, Head (Agronomy) of ICAR-IARI, New Delhi also graced the occasion. A total of 46 participants from 23 states representing 25 main, 6 sub and 5 voluntary centres of AICRP on IFS participated in the training. As an outcome of the training, measurement of carbon sequestration and GHG in on-station IFS models of AICRP on IFS will be taken up using empirical (IPCC) and closed chamber methods.

The training was organized by Dr N. Ravisankar as Course Director and Dr Debashis Dutta as Course Coordinator.



