

Training Report on Farm mechanization in jute-based cropping systems for enhancing productivity and profit

A five days farmers' training program on **“Farm mechanization in jute-based cropping systems for enhancing productivity and profit”** under STC-TSP Programme was organized during 19-23 June, 2023 at ICAR-CRIJAF, Barrackpore. A total of 15 ST farmers from two villages i.e. Huda and Mahanala, of Chakdah Block, Dist.- Nadia participated in the programme. In the inaugural session Dr. Sanjoy Saha, Principal Scientist & Nodal Officer, TSP explained the trainees about the importance of farm mechanization in agriculture and particularly in jute based farming system for drudgery reduction, better input utilization and enhancement of production. In the session Dr. S.K. Jha, Principal Scientist & Program Coordinator, TSP highlighted about the role of Custom Hiring Centre in mechanization of agricultural operation for small and marginal farmers. The training was a two way interactive mode i.e. theory and practical. The topics covered during the training programme were importance of farm mechanization in jute based farming system, role of custom hiring centre in farm mechanization, systems and operation of oil engine, use of tractor and power tiller in agriculture, safe use of plant protection equipments and maintenance of health and safety in work place etc. In practical session the identification of engine parts, dismantling of parts and re-assembling of parts of diesel engine was carried out by the trainees in the presence of expert and trainer. Trainees also sensitized about the tractor and the matching farm implements, their operation and maintenance. Practical session on tractor driving for the trainees was also conducted. The training was concluded on 23rd June, 2023. In the concluding session the Director, ICAR-CRIJAF, Barrackpore emphasized about advance training on Agriculture Machine Operation for skill development and employment generation. He also distributed certificates to the participants. Dr. R.K. Naik, Principal Scientist & Course Director also present in that occasion. Dr. Shamna A., Senior Scientist & Co-course director of the training actively co-ordinated the entire training programme.



