

Training Report on

“Improved Agrotechnology and Farm Mechanization in Jute-based Cropping Systems” during 21-23 December, 2022 under TSP

A three days training programme entitled **“Improved Agrotechnology and Farm Mechanization in Jute-based Cropping Systems”** was organized at ICAR-CRIJAF, Barrackpore during 21-23 December, 2022 under TSP Programme 2022-23. Considering the importance of the training subject in the present agricultural scenario, 20 nos. of tribal farmers/rural youth from various villages (Durgapur, Pashim Shimla, Baduria-08; Ichhapur/ Shyamnagar/ Naihati, Barrackpore-I-10 and Selarhat, Nilganj, Barrackpore-II-02, North 24 Parganas) were enrolled in the training programme. The main objective of the training programme was to provide first-hand information on operation, maintenance and repair of oil engines and different farm equipment to the trainees. In the inaugural session, Dr. Ritesh 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. The training was conducted in 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 equipment 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. In the valedictory session, Dr. Gouranga Kar, Director, ICAR-CRIJAF, Barrackpore emphasized about advance training on Agriculture Machine Operation for skill development and employment generation. He along with other scientists of ICAR-CRIJAF distributed agricultural farm implements (Single wheel jute weeder, knapsack sprayer, Spade, Sickle and Khurpi) and participation certificates to the tribal farmer trainees. Feedback form was collected from the farmers at the end of the training. The whole programme was organized by Dr. Gouranga Kar and Dr. R.K. Naik (Course Directors) along with Dr. Shamna, A. and Dr. Debarati Datta (Course Co-Directors).



