

# **Training Report**

on

Farmers' training programme on "**Prospect of diversified use of jute biomass for bioethanol and other uses**" conducted from 13.03.2024-15.03.2024 under WBDST-BT funded project 'Utilizing the potential of jute biomass for bioethanol production' at ICAR-CRIJAF, Barrackpore

---

A three-day farmers' training programme entitled "Prospect of diversified use of jute biomass for bioethanol and other uses" was conducted from 13.03.2024 to 15.03.2024 at Crop Improvement Division with 15 farmers from Madhupur, Dattapukhur, Kalasara, Pirgaeha etc. villages of Barasat block of North 24 Parganas, West Bengal. The programme started at 10.30 am with formal welcome and brief introduction about the training from course directors, Dr. P. Satya (Pr. Scientist, Crop Improvement Division) and Dr. J. K. Meena (Scientist, Crop Improvement Division). Following the formal introduction of the farmers, Dr. Jiban Mitra, Principal Scientist & Head, Crop Improvement Division gave the inaugural address. The training started with lecture delivered by Dr. Jiban Mitra on the topic "Improving farm income from jute cultivation". The second lecture of the day was delivered by Dr. J. K. Meena, on the topic "Improved varieties of jute for biomass utilization". Dr. S. Mitra, Principal Scientist, delivered lecture on "Cultivation practices for production of high biomass in jute". Also, Dr. K. N. Chourasia, Scientist, briefed the trainees about "The diversified use of jute sticks". The first day of farmers training ended with a hands-on training on "Pretreatment of jute biomass for delignification" conducted by the Ms. Tinku Goswami, YP of the WBDST-BT project.

On the second day (14.03.2024) Dr. Sourav Ghosh, Scientist, Crop production, delivered lecture on "Role of sprinkler irrigation system in jute-rice based-cropping system". Dr. Amit Bera, Sr. Scientist, explained quality seed production aspects in jute & allied fibres. Dr. Ramesh Babu, Sr. Scientist, delivered a lecture on "insect pest management in jute". Dr. P. Satya, explained the farmers about the potential of bioethanol production from jute. The trainees received hands-on training on saccharification of pretreated biomass of jute conducted by Ms. Tinku Goswami, YP.

On the third and final day (15.03.2024) of the training Mr Pandurang Raghunath Divte, Scientist, Crop Production Division sensitized the farmers on value addition products in jute & allied fibre crops. Dr. S. P. Majumdar, Sr. Scientist explained nutrient management in jute & allied fibre crops. Later on, Dr. R. K. Nayak, Pr. Scientist delivered a lecture on "Technology

transfer for enhancing Jute and allied fiber cultivation”. Dr Manik Lal Roy, Sr. Scientist, highlighted “Diversified use of Jute and allied fibres to improve farm income”. After then, Dr. C. S. Kar, Pr. Scientist, delivered a lecture on the topic of “popularization of diversified use of jute through NFSM”. The farmers provided feedback on the training to Dr. M. L. Roy, Sr. Scientist, ICAR-CRIJAF, Barrackpore. In the valedictory session, Dr. Gouranga Kar, Director, ICAR-CRIJAF handed over the certificate to the trainees. The programme ended with formal vote of thanks from Dr. K. N. Chorusia, Co-course Director of the training.

### Training photos:



