

Progress Report of R&D Projects

Project Title: Biochemical Softening of Hard Root Cuttings of Jute for Better Utilization

Start Date: 05-04-2016

Duration: One year

Project Team: Dr. S.K. Chakrabarti (PI), S. G. Saha, A. R. Dewan, Samar De, Ipsita Roy,
Dr. U. S. Sarma (Advisor)

Activities carried out so far as on 31st May, 2016

Administrative

- a) Senior Research Associate and project associate have been recruited and will join the project activity w.e.f 01.06.2016
- b) Purchase process of Capex items has been initiated

R&D

- a) Biochemical softening formulation for hard root cuttings of jute is being optimized
- b) Shop floor trial in a jute mill has been initiated on sacking warp quality – process optimization has been continuing
- c) Literature review is continuing

Proposed activities for next three months

- a) Procurement of Capex items and installation of machinery. Target date: 30.8.2016
- b) To carry out mill trials in two jute mills on biochemical softening of hard root cuttings of jute. Target date: 31.8.2016

Activities carried out so far as on 20th April, 2016

The formulation for softening of hard root cuttings has been identified. Trials are undergoing at IJIRA pilot plant. A mill trial will be conducted shortly. The processes for procurement of CAPEX items and recruitment of man power under the project have been initiated.