



Farmers' Training Course on Cotton Quality Attributes, Value addition and By-product Utilisation



Importance of Farmers' Training

India ranks first in area under cotton cultivation and more than 10% cultivated land in India is under cotton production. There are around 65-70 lakh farmers engaged in cotton cultivation across more than nine states in India. With the linking of cotton pricing with *forex* market and privatization of cotton trading in India, competition for production of right quality cotton at competitive rate has gone manifold. Pricing of cotton is primarily decided based on its

fibre attributes including ginning outturn (GOT), trash content and moisture level.

Knowledge of fibre parameters can help the farmers in selection of a proper hybrid/variety during sowing that has better fibre attributes so that it can fetch maximum benefits to the farmers. With the increase in fossil fuel prices, the demand for energy generation from agro-waste is



Dr. S. Ayyappan, Secretary, DARE and Director General, ICAR with first batch of farmers' training course

also being increasing steadily. Biomass including cotton stalks and linters are being used for preparation of briquettes, pellets, particle boards, papers making, preparation of technical textiles, beauty products etc.

Central Institute for Research on Cotton Technology (CIRCOT) is a premier research institute engaged in research and development activities in cotton technology. Being premier and champion for cotton processing technologies, CIRCOT was approached by several NGOs and Farmers' help group to start a course on cotton training programme. Ginning Training Centre of CIRCOT, Nagpur has designed a course for farmers to develop their skills in determination of cotton fibre attributes, utilisation of cotton stalks for preparation of various end products including composts, preservation of cotton quality parameters by way of proper cotton picking and avoiding mixing of non-lint content into cotton, management and business planning expertise necessary to increase farm income.

Course contents

- Cotton scenario in India and abroad with emphasis on agronomic practices followed worldwide to boost productivity and improve fibre parameters
 - Proper cotton picking, storage and handling practices
 - Effect of moisture and trash content on cotton quality
 - Details of fibre parameters and their importance in preparation of yarns and fabrics
 - Necessity and methods of cotton cleaning for enhancing farm income
 - Suitability of fibre attributes during different cotton processing practices in ginneries
 - Utilisation of cotton stalks for production of value added products like composts, briquettes, pellets, surgical cotton etc.
 - Guest lectures on Farm Mechanization, Animal Husbandry, Horticulture etc.
- Visits to farms and laboratories of M/s Ankur Seeds Pvt. Limited, Neri, Nagpur and CICR, Nagpur

Course Fee	: Rs. 1500/- plus tax as applicable (including boarding at GTC Guest House)
Course duration	: One week
Food Charges	: Farmers have to make their own arrangement for foods. However, foods are available at reasonable rates at the Hostel Canteen.



Farmers (Training course participants) along with Director, CIRCOT



For further details, please contact:

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