



National Symposium on Paradigm Shift in Cotton Cultivation at

Maharana Pratap University of Agriculture and Technology, Udaipur-313001

08-10 August, 2022

Jointly Organized by:

Maharana Pratap University of Agriculture and Technology, Udaipur-313001
and

Cotton Research and Development Association (CRDA), CCS HAU, Hisar 125004

In collaboration with :

Indian Council of Agricultural Research (ICAR), New Delhi - 110 001

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Important Dates of Remembrance

Submission of Abstracts

April 30, 2022

Notification of Acceptance

May 15, 2022

Remittance of Registration Fee

June 30, 2022

For further details please visit

www.crdaindia.com

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The Executive Council of Cotton Research and Development Association (CRDA) and the Chairman Organizing Committee will invite the eminent scientists, academicians, researchers, teachers, students, agricultural professionals, traders, stakeholders and other entrepreneurs to the **National Symposium on "Paradigm Shift in Cotton Cultivation"** at Maharana Pratap University of Agriculture & Technology, Udaipur - 313 001 (Rajasthan) during 08-10 August, 2022.

Scope and Aims of the Symposium

Cotton is one of the most ancient and very important commercial crop of global importance with a significant role in Indian agriculture, industrial development, employment generation and improving the national economy. It is cultivated for domestic consumption and also exported worldwide in about 111 countries and hence called "King of Fibres" or "White Gold". Millions of people depend on cotton cultivation, trade, transportation, ginning and processing for their livelihood. India is the only country in the world growing all the four cultivated species of cotton along with their hybrid combinations in the vast diverted agro-climatic situations. Cotton is basically cultivated for its fibre which is used as textile raw material. It is cultivated from Punjab in the north to Kanyakumari in the south and Assam in the east to Kutch (Gujarat) in the west. Cotton the major fibre crops of the world belongs to the genus *Gossypium* is very large, that includes several wild and cultivated species, showing wide range of variations in plant morphological, structural, seed and fibre characteristics and distinct genotype differences. There are more than 50 species of cotton identified so far.

India is the largest country in world in terms of area as well as production of cotton. India stands third largest country to export raw cotton after the US and Brazil. The productivity of cotton has not made headway because of more than 70 per cent area is under rainfed cultivation and appearance of new diseases and insect pests in transgenic cotton. However, new emerging threats in terms of biotic and abiotic factors are to be understood properly and effective strategies need to be evolved for their proper redressal.

In order to maintain pace with the increased demand for the commodity, both in national and international market, it is imperative to give impetus for development of new cotton varieties and hybrids with appropriate cultivation technologies. Introduction of large number of private sector *Bt* cotton hybrids have brought a welcome change in recent times as far as production gains are concerned. However, to meet the ever increasing demand both in the domestic and international markets, an effective strategy needs to be developed.

Objectives of the Symposium

The National symposium is planned to provide a common platform to agricultural scientists both from public sector and private sectors, extension functionaries and policy makers to share their experiences and expertise to discuss various issues related to cotton research and production technologies so as to track a pathway for 21st century. We hope that the symposium will be beneficial to all those associated with cotton research, development, cultivation, pesticide, seed and textile industry and other related manufactures of agro based industries. This will also act as an excellent forum for researchers to interact with experts, take stock of the present status and generate new ideas and plan new strategies for cotton production technologies in relation to global warming and climate change.

About the Association (CRDA)

The "Cotton Research and Development Association (CRDA)" is a professional forum, protecting the cotton production technologies its by and allied products. It is the largest Association of cotton scientists/officers of India and abroad. The Association was established on 3rd May, 1986 in Cotton Section, Department of Plant Breeding, Haryana Agricultural University, Hisar and was registered under Society Act XXI of 1860 and re-registered under the act of 2012 on 3rd November, 2016 with Registration No. 1967. The Association provides an international platform to advance modern concept of cotton production technologies. It strives to provide information on latest developments and research advances in the area of cotton research and development through its official journal the "Journal of Cotton Research and Development" and exchange information of cotton research with scientific community, public policy maker etc. Its NAAS Rating is 4.78. The Association organizes national and International Conferences/ Symposia/congress on major topics of cotton related agriculture in collaboration with SAU's and National Centers of ICAR. The association also gives several awards such as life time achievement award, professional excellence award, young scientist award, public private partnership award etc.

The Scientific Programme

The Symposium will cover inter-disciplinary lead/invited papers/corporate lectures/contributory lectures and parallel oral and poster presentations covering the theme of the event. The lead papers and key note addresses will be sought, with a focus on achieving a truly international dialogue with regard to cotton research and development will be delivered by leading luminaries in their respective fields of the country. All papers and posters will be peer reviewed. Keeping in view the present day threats in cotton cultivation and sustainability and to tap new opportunities, this symposium is being organized with the following theme areas.

Theme Areas of Symposium

Crop Improvement and Plant Biotechnology: Plant Breeding, Genetics, Biotechnology, Seed Science and Technology, Molecular Biology, Genetic Engineering, Nano Technology, Environmental Sciences, Life Sciences.

- Breeding and genetics
- Biotechnology and molecular biology
- Advances in genetic engineering methods
- Bioinformatics
- Role of conventional breeding in strengthening GM cotton
- Molecular breeding approaches
- Status and scope of Asiatic cotton production
- Biodiversity, germplasm enhancement and gene pyramiding
- Genetic enhancement through conventional and genetic engineering approaches
- Plant ideotype breeding

Crop Production and Mechanization: Agronomy, Soil Science, Weed Science, Plant Physiology, Plant Biochemistry, Meteorology, Agricultural Engineering, Natural Resource Management, RCTs and INM

- Resource conservation technology
- Integrated nutrient management
- Integrated weed management
- Micro irrigation
- Organic farming
- Low cost input technologies and crop husbandry

- Precision farming
- High density planting system
- Remunerative farming and cropping system
- Agricultural engineering including new tools

Crop Protection and Biosafety: Plant Pathology, Entomology, Nematology, Microbiology and Pesticide Industries.

- Disease forecasting and modeling
- Bio-intensive IPM for Bt cotton
- Bt cotton and secondary pest problems
- Bt cotton impact on natural enemies and pollinators
- Bt cotton and arthropod biodiversity
- Biopesticides
- Exploitation of bioactive and new molecules
- Emerging insect pests and diseases and their management
- IPM/IRM/IDM strategies : Recent developments

Social Sciences and Post-Harvest Technology: Extension Education, Economics, Animal nutrition, Clothing and Textile, Maths & Statistics, Fibre Technology, Textile Industry and other allied industries.

- Application of geomatics (remote sensing and GIS tools)
- Cotton byproducts and their utilization
- Socio economic perspectives
- Impact assessment
- Economics of production and marketing
- Marketing intelligence and opportunities
- Policy support
- Intellectual property rights issues and WTO
- Transfer of technology- impact and economics
- Clothing and Textile
- Perspective of agro based industries
- Role of extension agencies
- Post harvest technology
- Fibre quality evaluation and preservation
- Standards of produce and products
- Packing and safe storage
- Ginning and processing

Call for Abstracts

Abstracts of your area of expertise (unpublished work) related to theme areas are invited for oral and poster presentations. Abstracts typed in double space may be sent to CRDA e-mail: crdasymposium2022@gmail.com. Maximum two paper as a first author will be accepted. Authors will be intimated about the acceptance of their papers for oral or poster presentations. Printing of the abstracts will be done only of the registered delegates on or before 30.06.2022 positively.

Young Scientist Merit Academic Award

The Young Scientist Merit Academic Award contest for oral presentation shall be organized to encourage the scientific temper among the students/young scientists. The contestant shall submit the abstract of the paper by 30 April 2022 and extended summary of maximum 5 pages to the Secretary CRDA through E-mail : crdasymposium2022@gmail.com before 30-06-2022 positively. **A Memento, Certificate and a gold medal/Cash Prize of 11000/- will be given.**

The contestant have to give the following certificate

TO WHOM IT MAY CONCERN

It is to certify that the paper entitled," "presented for the The Young Scientist Merit Academic Award is pertaining to the major work done by the candidate: (Name).

It is further certified that the work has not been published or presented for any other award till date and the contestant is below the age of 35 years (As on 31.12.2021). There is no age bar for the co-authors. **All the authors should be the member of the Cotton Research and Development Association.**

Signature of the Head of the Department/Advisor/Guide.

CRDA Scientists of the Year

This award is open for the members of CRDA. This award is in two categories i.e below 45 yrs and above 45 yrs of age. This is open for the scientists/ researcher working in cotton crop in public and private institution. A common proforma is available on the website of CRDA. The screening committee consisting of eminent scientist of India will evaluate. **A Memento, Certificate and a gold medal/cash prize of 11000/- will be given.**

Life Time Achievement Award

The penal of judges will select the outstanding Scientist/Officer both from public and private sectors from India. The interested candidates may send their resume to Secretary CRDA through E-mail : crdasymposium2022@gmail.com by 30-06-2022.

Professional Excellence Award

This award is open for cotton scientists who have worked in cotton crop for at least 5 years and attained the position of Deans/Directors or equivalent position in ICAR institutions/SAU's or any other private or public organization. The screening committee of CRDA will evaluate the Awardee. This award is for members of association.

Public Private Partnership Award

The award is open for all agro based Industries/Companies. The contestants shall submit a comprehensive activities report of the company/industry to Secretary CRDA on or before 30-06-2022.

Best Oral Presentation Award

The Best Oral Presentation award will be selected by a panel of judges in each category. The presenters should send their abstract by 30 April, 2022 and the extended summary of maximum 5 pages by 30-06-2022 through e-mail: crdasymposium2022@gmail.com.

Best Poster Award

The Best Poster Presentation award will be selected by a panel of judges in each category. The presenters should send their abstract by 30 April, 2022 through e-mail : crdasymposium2022@gmail.com.

Registration

Only the registered delegates will be allowed to participate. The duly filled in registration form and registration fee (Non refundable/ Non transferable) through Demand Draft, at par cheques or online in favour of "Cotton Research and Development Association" drawn on any nationalized bank payable at Hisar may be sent to Secretary, CRDA. Please write the name and address on the reverse side of the demand draft. **Please send the transaction details through E-mail to the Secretary CRDA. No registration fee will be accepted without the transaction details.**

Registration fee	Till 30th June, 2022	After wards/On the spot
Delegates from SAU/ICAR/Govt. Institutions	5000/-	6000/-
CRDALife members	4000/-	5000/-
JRF/SRF/RA/STA/TA	4000/-	5000/-
Students (Produce the proof from HOD & ID card)	2500/-	3000/-
Corporate Participants	8000/-	10000/-

The registration fee does not include accommodation charges.

A Souvenir in commemoration of the symposium will be published and distributed to the delegates.

The details of the tariff for advertisements are:

Back Page (Cover)	Coloured	60000/-	Half Page (Inner)	Coloured	20000/-
Back Page (Inner)	Coloured	50000/-	Full Page (Inner)	Black & White	20000/-
Front Page (Inner)	Coloured	50000/-	Half Page (Inner)	Black & White	10000/-
Full Page (Inner)	Coloured	40000/-			

Venue

Udaipur is a beautiful city of legend patriot Maharana Pratap; lakes, palaces, gardens and fountains attract large number of tourists from different parts of the country and abroad. Serene in the shadows of dark green hills, Three Lakes-Pichhola, Fatehsagar and Udaisagar, as shimmering jewels from the opal surface of which rise snow white palaces, Jagmandir and Jagniwas. The famous temple of Shrinathji at Nathdwara (50 km) and Chittorgarh fort (110 km), Kumbhalgarh fort (70 km), Jai Samand largest lake in Asia (50 km) are other places of interest. Udaipur is well connected by air from Delhi and Mumbai. It is also connected by super-fast trains from Jammu, Delhi, Mumbai, Ahmedabad, Patna and Calcutta. Luxury Volvo buses are available from Jaipur, Delhi, Ahmedabad, Baroda, Mumbai, Bhopal and Indore.

Accommodation

The accommodation will be booked in best hotels. The transport will be made available from these hotels to the venue of symposium. No transport will be made available from other hotels/guest house. You have to send your requirement details of the hotel through mail to scientist in charge Dr. Rajeev Bairathi Convener, Accommodation Committee, email: rbairathi@rediffmail.com (+91-9414239548) and travel plan to Dr. R.H. Meena, Convener, Transportation Committee, email : ramharim@gmail.com (+91-9414723612).

Travel Details

Name :		Designation :	
Organization :		Address :	
Mobile No. :		E-mail :	
Arrival Programme		Departure Programme	
Date of Arrival :		Date of Departure	
Mode of Journey : (Please specify)	Bus/Train/Flight with their name and Number	Mode of Journey : (Please specify)	Bus/Train/Flight with their name and Number

Station		Station	
Time of Arrival		Time of Departure	
Accommodation Required:		(Yes /No)	
If yes (Please tick ✓)	: Hotel***	: A/C Single <input type="checkbox"/>	A/C Double <input type="checkbox"/>
		(Rs 2500-3500+GST per day)	(Rs. 3000-4000+GST per day)
		Executive room (Limited availability) : <input type="checkbox"/>	
		(Rs 4000-5000+GST per day)	

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National Symposium



on
"Paradigm Shift in Cotton Cultivation"
at

Maharana Pratap University of Agriculture and Technology, Udaipur-313001

08-10 August, 2022

REGISTRATION FORM

Name of the delegate : _____ Designation, _____ Sex _____

Address (With Pincode) _____

Mobile No. _____ Fax. No. _____ E-mail _____

Registration fee _____

Name of the Bank _____ Demand Draft/Cheque No. _____

Drawn at _____ Date _____

Electronic payment transaction ID : _____

Bank drafts/at par cheque to be drawn on any nationalized bank in favour of "Cotton Research and Development Association" payable at Hisar.

Online Payment of Registration Fee:

Account Holders	Cotton Research and Development Association		
Name of Bank	State Bank of India		
Branch	CCS Haryana Agricultural University, Hisar		
A/C No. (Current Account)	36693762655		
IFSC Code	SBIN0001566		
MICR Code	125002054	Swift Code	SBININBB189

Date _____ Signature _____

Please send the transaction details through E-mail crdasymposium2022@gmail.com to the Secretary CRDA. No registration fee will be accepted without the transaction details.

The participants can get a photocopy of the registration form or download from the website (www.crdaindia.com) and complete form may be sent latest by 30.06.2022 to secretary CRDA.

Dr. M.S. Chauhan
Secretary

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