

All India Coordinated Research Project on Cotton



ANNUAL GROUP MEETING 2022 FIFTY YEARS (GOLDEN JUBILEE) OF COTTON HYBRID TECHNOLOGY

Venue: Anna Auditorium, TNAU, Coimbatore
Dates: April 6-8, 2022

Organized by
ICAR-AICRP on Cotton, ISCI, Mumbai and TNAU, Coimbatore





FIFTY YEARS (GOLDEN JUBILEE) OF COTTON HYBRID TECHNOLOGY



(Organised by ICAR-AICRP on Cotton and ISCI Mumbai)

PROGRAMME SCHEDULE FOR THE DAY (6th APRIL, 2022)

9.30 to 11.30 Hrs

INAUGURATION

ICAR & SAU Song	
Welcome Address	Dr. A.J Shaikh , Chairman, ISCI, Mumbai
Lighting the lamp	All Guests on Dais
Special Address	Dr. Y.G. Prasad , Director, ICAR - CICR, Nagpur
	Dr. (Mrs) Sujata Saxena , Director, ICAR-CIRCOT, Mumbai
	Dr. (Mrs) G. Hema Prabha , Director, ICAR-SBI, Coimbatore
	Dr. K.S. Subramanian , Director of Research, TNAU, Coimbatore
	Dr. R.K. Singh , ADG (CC), ICAR, New Delhi
Introductory Remarks by Guests of Honor	Dr. P.K. Chakrabarthy , Member, ASRB, New Delhi
	Dr. C.D. Mayee , President, ISCI, Mumbai
	Dr. T.R. Sharma , DDG (CS), ICAR, New Delhi
	Dr. (Mrs) V. Geethalakshmi , Vice Chancellor, TNAU, Coimbatore
	Sh. Suresh Kotak , Chairman, Kotak & Co., Mumbai
Inaugural Address	Dr. Rajendra Singh Paroda , Former Director General, ICAR, New Delhi
Release of publications & Honoring the Scientists	
Presidential Address	Dr. Trilochan Mohapatra , Secretary, DARE & Director General, ICAR, New Delhi
Vote of Thanks	Dr. A.H. Prakash , Project Coordinator, AICRP on Cotton
Rapporteurs:	Dr R. Veeraputhiran, Assoc. Prof. and Head, CRS, Srivalliputhur Dr N. Premalatha, Asst. Prof (PBG), Dept of Cotton, TNAU

11.30 to 11.45 Hrs

High Tea

11.45 To 12.15 Hrs Session 1: Special lectures - Cotton Hybrids: Historical Perspective

Chairperson	Dr. (Mrs) S. Geetha , Director, CPBG, TNAU, Coimbatore
Co-Chairs	Dr. M.V. Venugopalan and Dr A.S.M.Raja
Dr V.Kumar	History of Hybrid Cotton Technology: Tribute to Dr. C.T.Patel
Dr P.K.Mandhyan	Changes in Fiber Quality Traits brought by Hybrids
Rapporteurs	Dr.Arputharaj, Scientist, ICAR-CIRCOT and Dr S. Somasundaram, Assoc. Prof & Head (Agron), CRS, Veppanthattai

12.15 To 13.30 Hrs Session 2: Cotton Hybrids: Challenges and Opportunities- Panel Discussion

Chairperson	Dr T.R. Sharma , DDG (CS), ICAR, New Delhi
Co-Chairs	Dr R.K. Singh , ADG (CC), ICAR, New Delhi
	Dr (Mrs) Sujatha Saxena , Director, ICAR- CIRCOT, Mumbai
Panelists	Dr P.K. Chakrabarthy, Member, ASRB, New Delhi
	Dr M.S.Kairon, Former Director, ICAR- CICR, Nagpur
	Dr Y.G. Prasad, Director, ICAR-CICR, Nagpur
	Dr (Mrs) S. Geetha, Director, CPBG, TNAU, Coimbatore
	Dr B.M. Khadi, Former Director of Research, UAS, Dharwad
	Dr R H Balasubramanya, Former Head, CBPD, ICAR-CIRCOT, Mumbai
	Dr V.N. Waghmare, Head, Crop Improvement, ICAR-CICR, Nagpur
	Sh. R. Ravichandran, President , SIMA-CDRA, Coimbatore
	Dr R. Ramasami, President, FSSI
	Dr M Prabhakar Rao, President, NSAI
Rapporteur	Dr A. Manivannan, Senior Scientist, ICAR-CICR (RS), Coimbatore

13.30 to 14.30 Hrs

Lunch break

14.30 to 16.00 Hrs

Session 3: Future Technologies in Cotton

Chairperson	Dr T.P. Rajendran , Former ADG (PP), ICAR, New Delhi
Co-Chair	Dr M.S. Kairon , Former Director, ICAR-CICR, Nagpur
Dr P.J. Suresh	Path breaking technologies on-the-anvil
Dr Suresh Kumar	Break through Plateau with Advanced Agronomy
Dr Y.G. Prasad	Protection technologies for Safe Cotton production
Dr T. M. Manjunath	Genetic options for IPM of cotton pests besides Bt
Dr A. R. Sharma	Breaking the Yield barriers in Cotton
Rapporteurs	Dr R. Raja, Principal Scientist, ICAR-CICR, RS, Coimbatore
	Dr K. Shankarganesh, Senior Scientist, ICAR-CICR, RS, Coimbatore

16.00 to 16.15 Hrs

Tea Break

16.15 to 18.00 Hrs

Session 4: Cotton Technology Innovations

Chairperson	Dr P.K. Chakrabarthy , Member, ASRB, New Delhi
Co-Chair	Dr. R H Balasubramanya , Former Head, ICAR-CIRCOT, Mumbai
Dr Bhagirath Choudhary	Project Bhandan
Dr Sundaramoorthy C	Current status of Byproduct utilization in cotton
Dr D K Selvaraj	SIMA-CDRA, Coimbatore
Rapporteurs	Dr.Arputharaj, Scientist, & Sh. Bharat Pawar, CTO, CIRCOT

18.00-18.30 Hrs: Session 5: Plenary Session

Chairperson: Dr T.R. Sharma, DDG (CS), ICAR, New Delhi

Co-Chair: Dr C.D. Mayee, President, ISCI, Mumbai

Concluding Remarks of Chairman and Co-Chairman

Rapporteurs: Dr S M Palve, ICAR- CICR, Nagpur and Dr. A.S.M.Raja, ICAR- CIRCOT, Mumbai

Vote of thanks: Dr. A H Prakash Project Coordinator and Head, ICAR-CICR RS, Coimbatore

Programme Schedules of ICAR-AICRP on Cotton

Annual Group Meeting 2022

7-8, April 2022

7th April, 2022

10.00 am - 12.00 Noon: Inaugural Session: Review of results of AICRP trials during 2021-22

Chairperson	Dr T.R. Sharma, DDG (CS), ICAR, New Delhi
Co-Chair	1. Dr C D Mayee, Chairman, Programme Advisory and Monitoring Committee 2. Dr R.K. Singh, ADG (CC), ICAR, New Delhi
Members of Project Monitoring and Advisory Committee	Dr B M Khadi, Member, Programme Advisory and Monitoring Committee Dr T M Manjunath, Member, Programme Advisory and Monitoring Committee Dr A R Sharma, Member, Programme Advisory and Monitoring Committee
Presentation on Achievements of different disciplines: 10.00 -11.30 am	
National and International Status of Cotton Research	Dr A.H. Prakash, PC, AICRP on Cotton
Breeding trials	Dr. S. Manickam, PI (Breeding), ICAR-CICR, RS, Coimbatore
Agronomy Trials	Dr. K. Sankaranarayanan, PI (Agronomy), ICAR-CICR, RS, Coimbatore
Entomology Trials	Dr. Rishi Kumar, PI (Entomology), ICAR-CICR, RS, Sirsa
Pathology Trials	Dr. Satish Kumar Sain, PI (Pathology), ICAR-CICR, RS, Sirsa
Fiber Quality Evaluation	Dr. Pradeep Kumar Mandhyan, PI (Quality Evaluation), ICAR-CIRCOT, Mumbai
Remarks of the Chair & Co-Chair	11.30- 12.00 Noon
Rapporteurs	Dr (Mrs) S.Rajeswari, Prof and Head, Dept of Cotton, TNAU, Coimbatore Dr A Sampath Kumar, Scientist, ICAR-CICR, RS, Coimbatore

12.00 Noon to 12.15 pm: Tea Break

12.15 to 1.30 pm: Session I: Special Lectures

Chairman	Dr P.K. Chakrabarthi Member, ASRB, New Delhi
Co-Chairman	Dr Y.G. Prasad, Director, ICAR-CICR, Nagpur
Dr Anantha Kumar, Former Director, National Institute for Plant Biotechnology, New Delhi	Advances in Cotton Biotechnology
Dr Mukesh Kumar Rana, Principal Scientist, Molecular genetics, NBPGR, New Delhi	DNA finger printing in plants
Dr.K.S. Subramanian, Director of Research, TNAU, Coimbatore	Nanotechnology
Rapporteurs	Dr.L.Mahalingam, Professor ,Dept of Cotton, TNAU, Coimbatore Dr. (Mrs.) Annie Sheeba, Senior Scientist, ICAR-CICR, RS, Coimbatore

1.30 to 2.30 pm: Lunch Break

2.30- 4.00 pm: Session II: Interactive Session with Stakeholders (PPP)

Chairman	Dr T R Sharma, DDG(CS), ICAR, New Delhi
Co-Chairman	Dr C D Mayee, former ASRB Chairman
Members	Dr.R.K. Singh, ADG (CC), ICAR, New Delhi
	Dr Y G Prasad, Director, ICAR-CICR, Nagpur
	Dr (Mrs) Sujata Saxena, Director, ICAR-CIRCOT, Mumbai
	Dr.K.S. Subramanian, Director of Research, TNAU, Coimbatore
	Representative from NSAI
	Representative from SAI
	Representative from Fertilizer Industries
Representative from Pesticide Industries	
Member Secretary	Dr. A.H. Prakash, PC (Cotton Improvement)
Rapporteurs	Dr.K.Sakthivel, Asst.Prof (Breeding), CRS, Srivilliputtur Dr (Mrs) K. Baghyalakshmi, Scientist, ICAR-CICR, RS, Coimbatore

4.00 to 4.30 pm: Tea Break

4.30 to 6.00 pm: Session III: 1) Variety Identification Committee (VIC) meeting to considering proposal of Bt Varieties & Hybrids for Identification
2) Variety Identification Committee (VIC) meeting to considering proposal of Non Bt Varieties & Hybrids for Identification

8th April, 2022

9:00 am – 12.00 Noon: Session V: Concurrent Session: Discipline wise discussion of results of 2021-22 and formulation of Technical Programme for 2022-23

A. PLANT BREEDING PANEL

Chairman	Dr B M Khadi, Member, Programme Advisory and Monitoring Committee
Co-Chairman	Dr S.S. Sewach, Member, IRC, ICAR-CICR, Nagpur
	Dr (Mrs) S. Geetha, Director, CPBG, TNAU, Coimbatore
	Dr V.N. Waghmare, Head, Crop Improvement Division, ICAR-CICR, Nagpur
Convener	Dr. S. Manickam, PI-Plant Breeding (AICRP on Cotton)
Rapporteurs	Dr.G.Anand, Asst. Prof (Breeding), CRS, Srivilliputhur Dr A. Manivannan, Scientist, ICAR-CICR, RS, Coimbatore

B. AGRONOMY PANEL

Chairman	Dr A R Sharma, Director of Research, Rani Lakshmi bai Central Agricultural University and Member, Programme Advisory and Monitoring Committee
Co-Chairman	Dr. Blaise DeSouza, Head, Crop Production, ICAR-CICR, Nagpur Dr C.R. Chinnamuthu, Director, Directorate of Crop Management, TNAU, Coimbatore Dr M.V. Venugopalan, Principal Scientist (Agron), ICAR-CICR, Nagpur
Convener	Dr. K. Sankaranarayanan, PI-Agronomy (AICRP on Cotton)
Rapporteurs	Dr (Mrs) D Kanjana, Senior Scientist, ICAR-CICR, RS, Coimbatore Dr.K.Thirukumaran, Assoc.Prof (Agronomy), TNAU, Coimbatore

C. ENTOMOLOGY PANEL

Chairman	Dr T M Manjunath, Member, Programme Advisory and Monitoring Committee
Co-Chairmen	Dr Y.G. Prasad, Director, ICAR-CICR, Nagpur
	Dr S.V. Krishnamoorthy, Prof & Head, Department of Agril. Entomology, TNAU, Coimbatore
	Dr (Mrs).Nandini Narkhedkar, Head, Crop Protection Division, ICAR-CICR, Nagpur
Convener	Dr. Rishi Kumar, PI-Entomology(AICRP on Cotton)
Rapporteurs	Dr. (Mrs.) M Amutha, Sr Scientist, ICAR-CICR, RS, Coimbatore. Dr.K.Senguttuvan, Asst. Professor (Entomology),TNAU, Coimbatore

D. PATHOLOGY PANEL

Chairman	Dr C D Mayee, Chairman, Programme Advisory and Monitoring Committee
Co-Chair	Dr P.K. Chakrabarthy, Member, ASRB, New Delhi
	Dr G. Karthikeyan, Prof & Head, Department of Plan Pathology, TNAU, Coimbatore
Convener	Dr. S K Sain, PI-Pathology(AICRP on Cotton)
Rapporteurs	Dr A Sampath Kumar, Scientist, ICAR-CICR(RS), Coimbatore. Dr (Mrs) E.Rajeswari, Assoc. Prof,Dept of Cotton, TNAU, Coimbatore

Tea Break: 12.00- 12.15 PM

Session VII: 12.15 – 1.00 PM: Transfer of Technology Front Line Demonstrations

Chairman	Dr. Y. G. Prasad, Director, ICAR-CICR, Nagpur
Co-Chairmen	Dr. Subhash Chandran, Director, DCD, Nagpur
Convener	Dr (Mrs) S. Usha Rani, Principal Scientist, ICAR – CICR, RS, Coimbatore
Rapporteurs	Dr.K.Suresh, Asst.Prof (Entomology), CRS, Srivilliputtur

1.00 to 2.00 pm: Lunch Break:

2.00 – 3:30 pm: Session VIII: Valedictory Session

I. Felicitation to Retiring Scientists of AICRP on Cotton

II. Valedictory session

Welcome	Dr. Y G Prasad, Director, ICAR-CICR, Nagpur
Presentations by Conveners of Sessions	Dr S Manickam, PI (Breeding)
	Dr K Sankarnarayanan, PI (Agronomy)
	Dr Rishi Kumar, PI (Entomology)
	Dr Satish Sain, PI(Pathology)
Remarks by Guest of Honor	Dr R K Singh, ADG(CC), ICAR, New Delhi
Concluding remarks by Chairman	Dr T R Sharma, DDG(CS), ICAR, New Delhi
Vote of thanks	Dr. A H Prakash, Project Coordinator (Cotton Improvement)
Rapporteurs	Dr (Mrs) P Valarmathi, Scientist, ICAR-CICR(RS), Coimbatore. Dr .S.Hariramakrishnan, Asst.Prof (Breeding), ARS, Kovilpatti