



# CICR Happenings News Bulletin

February 2024

## Swarnotsav" celebrations

Dr. YG Prasad, Director, ICAR-CICR, Nagpur was honored to attend the "Swarnotsav" celebrations hosted by Nuziveedu Seeds in Hyderabad, Telangana, on February 3, 2024. The event was graced by the presence of Sri M. Venkaiah Naidu, the 13th Vice President of India.

## One day workshop under NePPA project

Dr. (Mrs.) P. Nalayini, Principal Scientist (Agronomy), attended a one-day workshop on Precision Monitoring and Management of Water hosted under NePPA at IIWM on February 6, 2024. The workshop addressed the challenges and possibilities of employing IoT in sensor-based irrigation systems. Following discussions, IIWM has agreed to sponsor sensors with IoT setups for evaluation at the CICR regional station at Coimbatore, specifically for testing in cotton crop.

## Training attended

Dr. P. Valarmathi attended ICAR sponsored short course on “Volatilomics: A key to understanding plant-microbe interactions and stress management in crop plants for a greener tomorrow” organized by the Department of Agricultural Microbiology, TNAU, Coimbatore during February 1-10, 2024.

## QRT review Meeting

The meetings of Quinquennial review team (QRT) and AICRP Centers in the Central Zone (Khandwa, Nanded, Akola, Rahuri, Kanpur, and Bhawanipatna) were organized under the Chairmanship of Dr. B. Venkateswarlu at ICAR-CICR, Nagpur during 9-10 February, 2024. The meeting was attended by all the QRT Members viz., Dr. N.T. Yaduraju, Dr. Shreekant S. Patil, Dr. Chandish R. Ballal, Dr. A. J. Shaikh, Dr. DilipMonga, and Dr. S.R. Bhat, Dr. Y.G. Prasad, Director, CICR, Dr. G.T. Behere, Nodal Officer (AICRP) Dr. V.N. Waghmare, Head, DCI, Dr. A.S. Tayade, Head, CPD Dr. S. Manickam, PI (Plant Breeding) Dr. K. Velmourougane, Member Secretary, QRT and the scientists from AICRP centers.



## 38<sup>th</sup> Convocation at Dr PDKV, Akola

Dr YG Prasad Director, ICAR-CICR, Nagpur has participated in 38<sup>th</sup> Convocation at Dr PDKV, Akola on 14<sup>th</sup> February, 2024.

## “Exposure Visit cum Groundnut Seed Distribution” Programs under DAPST

“Exposure visit cum Groundnut Seed Distribution” Programms were organized at ICAR-CICR Nagpur on 12<sup>th</sup> and 16<sup>th</sup> February, 2024 for tribal farmers of Umred and Hingna Clusters, respectively. The groundnut seeds bags (@ 2 bags per farmer) and Trichoderma powder



formulations were distributed to the tribal farmers of the village for sowing in summer season. Dr. Dipak T. Nagrale, convener of training programme explained the objectives of centrally sponsored development action plan for scheduled tribes (DAPST) scheme for ST farmers and importance of seed treatment, integrated pests and disease management of cotton and groundnut crop. Mrs. Sunita Chauhan sensitized the farmers on importance of IFS model, organic inputs like “Dashparni, Panchgavya, Jivamrut and FYM/composts” in maintaining soil fertility and maximizing farm produce with reduced cost of cultivation in agriculture. Mr. Sarang Shirame (DAPST/TSP YP-I), ICAR-CICR, Nagpur assisted in farmers registration and co-ordinated the program.



## Field day on ELS Cotton cultivation and farmers training programme under NFSM special project on cotton

Under NFSM-special project on cotton, a field day on ELS Cotton cultivation - Suraksha variety and farmers training programme to Sixty-one farmers of Chinnakoochikallur village of Anthiyur Block, Erode district was organized through ICAR-CICR, RS, Coimbatore and ICAR-MYRADA, KVK, Erode on February 16, 2024. Dr. K. Rathinavel, Principal Scientist (Seed Science and Technology), Dr. P. Nalayani, Principal Scientist (Agronomy) and Nodal officer, Erode district and Dr. P. Valarmathi, Scientist (Plant Pathology) participated in the program and guided the farmers.



## Meeting attended

Dr. A. H. Prakash, Head CICR, Regional Station attended the 28<sup>th</sup> Regional Committee meeting held on February 16<sup>th</sup>, 2024 at ICAR -CIBA, Chennai

## Celebrating the birth anniversary of Chhatrapati Shivaji Maharaj

The birth anniversary of the illustrious Maratha king, Chhatrapati Shivaji Maharaj, was commemorated on February 19, 2024, at ICAR-CICR, Nagpur. A floral homage was paid to his portrait kept at reception in the main building. All the staff of the institute were present during the event.



## Kisan Mela on HDPS Cotton

Dr. Y. G. Prasad, Director, ICAR-CICR, Nagpur, participated as a Chief Guest in the Kisan Mela organized on High Density Planting System (HDPS) in Cotton under a special project on cotton on 19<sup>th</sup> February, 2024 at KVK, Hayathnagar Research Farm, ICAR-CRIDA. About 375 farmers participated and interacted in the Kisan Mela. A publication on HDPS cotton was released during the Mela.



## Participation in Winter School

Dr. J Annie Sheeba, Senior Scientist (Physiology), and Dr. A. Manivannan Senior Scientist (Genetics and Plant Breeding) attended 21 days winter school on "Climate Smart Sugarcane Agriculture for Food and Energy Security in India" organized by Sugarcane Breeding Institute, Coimbatore during January 31 - February 20, 2024.

## Farmers Training cum Input Distribution Program under DAPST

"Farmers Training Cum Input Distribution" Programme was organized by ICAR-CICR, Nagpur in collaboration with Krishi Vigyan Kendra (KVK), Kolde, Nandurbar on 22<sup>nd</sup> February, 2024 for tribal farmers of Nandurbar district. A vegetable seed kit, Trichoderma powder, PSB and Pseudomonas flourascens formulation were distributed to 50ST farmers. Dr. Dipak T. Nagrale, convenor of training programme explained the DAPST scheme objectives for STs farmers and guided on seed treatment, seedling diseases and their management in cotton and vegetables, Dr. Ramkrushna G.I. briefed about fertilizer application for cotton and strategies to maximize profits by adopting the High Density Planting System (HDPS) for cotton crops. Shri. Sarang Shrirame (DAPST/TSP) YP-1 ICAR-CICR, Nagpur assisted in farmer's registration and coordinated in the successful organization of the event.



## Farmers Training Program

One day Farmers Training Program on 'Best Cotton Production Technologies for Increased Yield and Productivity' was conducted at Hans Roever KVK, Valikandapuram, Perambalur district, Tamil Nadu on February 22, 2024 under CICR-CCI Pilot Project on "Awareness and



Extension Services on Best Farm Practices for Cotton Farmers to Improve Quality, Yield and Sustainability". Dr S. Usha Rani, Principal Scientist and PI of the Project provided introductory remarks and an overview of the project. Dr A H Prakash, Head, CICR, RS Coimbatore delivered a Presidential address and stressed on importance of mechanisation of cotton cultivation and the advantages of FPOs. Dr K Shankarganesh, Senior Scientist (Entomology) delivered a technical lecture on major pests of Cotton and Integrated Pest Management Practices. Dr A. Sampathkumar, Senior Scientist (Plant Pathology) spoke about the advantages and technologies for HDPS Cotton Cultivation. Eighty farmers from Thevaiyur and Navalur Villages of Perambalur district have participated in the program.

## One day Farmers Training Program on HDPS cotton

One day Farmers Training Program on "High Density Planting System of Cotton Cultivation for Higher yields and Profitability" was conducted at at

Rudriyampalayam village, Annur block, Coimbatore district, Tamil Nadu on February 27, under CICR - CCI Pilot Project on "Awareness and Extension Services on Best Farm Practices for Cotton Farmers to Improve Quality, Yield and Sustainability". Dr S. Usha Rani, Principal Scientist and PI of the Project provided introductory remarks and spoke on cultivars



suitable for HDPS. Dr M Sabesh, Senior Scientist delivered lecture on Cotton Scenario in India. Dr. J. Annie Sheeba, Senior Scientist talked about Nutrient management, Nutritional disorders and remedial measures for HDPS cotton. Dr A. Sampathkumar, Senior Scientist spoke about Mechanization and technologies for HDPS Cotton Cultivation. Forty-five farmers from Rudriyampalayam, Kanajappalli and Allappalayam villages participated in the program.

### **One day Farmers Training Program on HDPS cotton**

One day Farmers Training Program on "High Density Planting System of Cotton Cultivation for Higher yields and Profitability" was conducted at Anthiyur, Eroded district, Tamil Nadu on February 29, 2024 under CICR - CCI Pilot Project on "Awareness and Extension Services on Best Farm Practices for Cotton Farmers to Improve Quality, Yield and Sustainability". Dr S. Usha Rani, Principal Scientist and PI of the Project provided introductory remarks and spoke on cultivars suitable for HDPS. Dr M Sabesh, Senior Scientist and Co-PI delivered lecture on Cotton Scenario in India. Dr D. Kanjana, Senior Scientist spoke on Integrated nutrient management practices for HDPS Cotton. Dr. J. Annie Sheeba, Senior



Scientist delivered lecture on Canopy Management, Nutritional disorders and remedial measures for HDPS cotton. Dr A. Sampathkumar, Senior Scientist spoke about Mechanization and HDPS Cotton Cultivation.



### Workshop attended

Dr. R. Raja, Principal Scientist, ICAR-CICR Regional Station, Coimbatore has attended the Shastri Indo-Canadian Institute's Bi-national Agri-Cluster Workshop 2024 held at Tamil Nadu Agricultural University,



Coimbatore from February,22–23, 2024. He participated in "Precision & Digital Agriculture" technical session and actively involved in the formulation of project proposal "Precision Farming embracing sensing, robotics and artificial intelligence for regenerative agriculture".

## Farmers training cum Input Distribution under SCSP Plan 2023-24

One-day training cum input distribution was conducted at ICAR-Hans Roever KVK, Perambalur on February 23, 2024 under the project of "Cotton Technology Outreach and Interventions for Cotton Productivity Enhancement and Livelihood improvement of

farmers of selected village in Perambalur District, Tamil Nadu". Fifty SC farmers from AnukkurKudikadu, Keelaperambalur, Thaevaiyur and Neikuppai participated and received the training on cotton production technology. Dr. K. Shankar Ganesh, Dr. S. Usharani, Dr. A. Sampathkumar participated in the programme and distributed inputs to the participated cotton farmers.



## Visit of NePPA PI to CICR, RS Coimbatore

Dr RN Sahoo, PI NePPA visited ICAR CICR Regional station Coimbatore on February 23, 2024. He monitored the progress under the project and made visit to the IoT with sensor based irrigation experiment in the field.



## Guest lecture

Dr(Mrs)P.Nalayini, Principal scientist (Agronomy) delivered a guest lecture on prospects of polyethylene mulching for cotton based system for changing climatic scenario at Anbil Dharmalingam Agricultural college and Research Institute at Navalurkuttapattu (TNAU) and conducted PhD viva of Dr. Mullaivendhan on February 27, 2024.



## KVK, ICAR-CICR holds PM Kisan Webcasting Programme

Krishi Vigyan Kendra, ICAR-Central Institute for Cotton Research, Nagpur organized PM Kisan programme in its premises on 28 February, 2024. This



event was hosted via webcasting of the programme from Yeotmal in which the Hon'ble Prime Minister presided over the ceremony. On this occasion, 16th installment of Kisan Samman Nidhi was released in the form of DBT in farmers account through a click by Prime Minister. More than 212 farmers especially from Scheduled Caste category actively participated in this programme and the programme was sponsored

under the Development Action Plan for Scheduled Caste (DAPSC) Scheme. 75 water purifier distributed to Schedule Caste (SC) beneficiaries under DAPSC. Speaking on the event, Dr. Y. G. Prasad, Director, ICAR-CICR, Nagpur urged the farmers to take the benefits of ICAR institutes and SAUs by adopting technologies developed by them. He informed the house about Special Project on Cotton in which high density planting system was adopted by the beneficiary cotton farmers in 28 districts. The encouraging results were seen with increased cotton production in experimental fields.

## ICAR-95th Annual General Meeting

Dr. Y. G. Prasad Director, ICAR-CICR, Nagpur Participated ICAR 95<sup>th</sup> Annual General Meeting through video conferencing on 28<sup>th</sup> February, 2024 organized by ICAR, New Delhi



## Farewell programme

Farewell programme of DrRaju, Principal Scientist, and Dr. Ulhas Nandankar Technical Officer, ICAR-CICR, Nagpur was organised by Staff Recreation Club. All the Staff of institute have participated in programme.



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