

COTTON Innovate



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Farmers – Scientist Interaction Organized at Panchayat Office Godhani (Umred) under MGMT

Farmers – Scientist interaction cum- training program was organized on 15th December 2015 at Godhani Panchayat Office under “Mera Gaon Mera Gaurav (MGMG)” for the farmers of five villages of Godhani cluster, Umred taluk of Nagpur District. They were provided with the information on effect of continuous cotton cultivation on soil, soil testing, leaf reddening, control of pests and diseases, proper spraying techniques and also the problems of low production in cotton for last three years. Team leader Dr S B Nandeshwar, delivered a talk on how to overcome the yield stagnation and importance of cotton varieties under rainfed areas. Dr. Vinita Gotmare provided the lucid lecture on high density planting system (HDPS) on *G. hirsutum* (upland cotton) and *G.arboreum* (surgical cotton) and also briefed about package of practices which includes choice of variety for the different soil types, sowing time, method of sowing and inter-cultural operations for cotton productivity. Dr. A Manikandan gave talk on importance of soil testing and soil test based fertilizer application while Mr. Prabhulinga informed about pest control measures and explained sticky trap methodology prior to take any pesticide spray on eco-friendly manner. Mr. Shekar Meshram, Agricultural Assistant, Umred and twenty five farmers attended the meeting.



Two CICR Nagpur posters awarded Best Poster Awards

Two CICR Nagpur papers presented in the form of posters “e-Kapas: An Innovative ICT Model of CICR in Cotton Information Delivery” by Dr S. M. Wasnik and Dr K. R. Kranthi under the Theme Crop Production, Mechanization and Economic Development and “Impact of new molecules on bollworm management in cotton under high density planting system” by Dr. V. Chinna Babu Naik, A. Ashwini, J.G. Mehar, S. Kumbhare, S. Kranthi and M.V. Venugopalan under the Theme Crop Protection and Biosafety were awarded with “Best Poster Presentations”. The awards were received at the hands of Dr KS Khokar, Hon’ble Vice- Chancellor, CCS HAU, Hisar.



National symposium on Future technologies: Indian Cotton in Next decade

Dr SM Wasnik, Dr VS Nagrare, Dr V Chinna Babu Naik and Dr Santhosh HB from CICR Nagpur; Dr D Monga, Dr OP Tuteja and Dr Rishi Kumar from CICR RS Sirsa and Dr N Gopalakrishnan, Dr K Sankaranarayanan, Dr. P Nayini, Dr A Manivannan and Dr D Kanjana from CICR RS Coimbatore attended.

Dr N Gopalakrishnan presented lead paper on “Impact of elevated CO₂ on cotton productivity - climate resilience”. Invited papers presented were by Dr Monga on “Disease scenario of cotton and management strategies in India –Recent developments”, Dr Rishi Kumar on “Secondary pest outbreak in Bt cotton”, Dr OP Tuteja on “Genetic enhancement in cotton through conventional and genetic engineering approaches”, Dr P Nayini on “Weed management -present status and future strategies for cotton crop”, Dr K Sankaranarayanan on “Does Bt cotton differ from conventional cotton on agronomic requirements?”. Dr A. Manivannan made oral presentation on “Resurgence of desi cotton - A status of past, present and future”.

Posters were presented by Dr SM Wasnik on “e-Kapas: An Innovative ICT Model of CICR in Cotton Information Delivery”, Dr VS Nagrare on “Biochemical changes in cotton plant due to infestation by cotton mealybug *Phenacoccus solenopsis* Tinsley (Hemiptera: Pseudococcidae)”, Dr. V Chinna Babu Naik on “Impact of new molecules on bollworm management in cotton under high density planting system” and Dr D. Kanjana on “Effect of commercially available nanofertilizers on yield attributing parameters and seed cotton yield”

Dr Monga acted as Co Chairman of combined session of Crop Improvement and Crop Production and as member of Judges panel for evaluating the best paper presentation for young scientists. Dr Rishi and Dr Tuteja acted as judges for Evaluating the Best Posters in their Respective Disciplines. Dr. N Gopalakrishnan, Dr Monga, Dr Rishi Kumar and Dr. V Chinna Babu Naik participated in the panel discussion in the special session - Open House Discussion on 4 topics viz., 1) Whitefly outbreak - Reasons and management, 2) Pink

bollworm - Becoming threat to cotton cultivation, 3) Leaf curl virus disease - Problematic in Bt cotton hybrids and 4) Stability of cotton production - How to sustain. The panel discussion was held under the Chairmanship of Dr K S Khokar, Hon'ble Vice Chancellor, CCS HAU, Hisar.

Meetings Attended

Dr Jayant H Meshram, Scientist (Plant Physiology) participated and made poster presentation on 'Screening of cotton (*G.hirsutum* L.) germplasm for adaptation to drought stress resilient' held during The Congress of Plant Physiology was jointly organized by Indian Society of Plant Physiology, Jawaharlal Nehru University, National Institute of Plant Genome research, New Delhi, India, 11-14 December, 2015 at JNU, New Delhi.

CICR Bagged Two Silver Medals during ICAR-Central Zone Tournaments

Sh Sujit Kumbhare, Technical Assistant T 1, Crop Protection Division, CICR Nagpur has won running competition 800 m (2.33 sec) and 1500 m (5.48) and Bagged Two Silver Medals during ICAR-Central Zone Tournaments organised at ICAR-Directorate of Weed Sciences, Jabalpur from 7-11th December, 2015 .



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