

COTTON *Innovate*



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Innovation Cell Talk

Mr. Sarfraz Ahmad delivered a talk on “Induced mutation for crop improvement” on 8th Jan, 2016 at CICR Regional Station, Sirsa. He explained that mutation is a sudden heritable change in characteristic of an organism. These changes are the results of chemical changes at the level of chromosome or genes. Such changes are capable of bringing about new and heritable character variations in crop plants and such variations can be selected and used for the establishment of crop varieties with new characters. In nature mutations occur in a very low frequency which can be further increased by using certain physical and chemical mutagens. Induced mutation breeding technique offers to the plant breeder several choices, alone or in combination with the emerging technologies of tissue culture and molecular genetics, for enhancing the improvement of specific traits in crops plants. In such case, the use of the mutation technique will depend upon the specific objectives and the plant species in question. The use of in vitro techniques in combination with mutation induction seems particularly suitable for the improvement of vegetative propagated plants. The use of doubled haploids in combination with induced mutations and transgenesis seems particularly attractive to rapidly obtain the desired genotypes in a homozygous state in seed propagated crops.



Group meeting organised at Neza Delankalan village, Sirsa under MGMG Programme



Group meeting was organized at village Neza Delankalan under ‘Mera Gaon Mera Gaurav’ programme on Jan. 4, 2016 by Dr Surender Kumar Verma, Principal Scientist (Plant Breeding), CICR Regional Station, Sirsa. The farmers were complaining about attack of stem borer in wheat. They were also worried about whitefly problem in cotton. They were advised to take remedial measures on the problems of wheat and other general problems. The phone numbers of farmers were also collected for sending voice messages from station.

‘Jai Kisan – Jai Vigyan’ Diwas Celebrated at Panchgaon , Umred

ICAR- CICR Krishi Vigyan Kendra Nagpur and Taluka Agriculture Office, Umred jointly organises Kisan Gosthi under ‘Jai Kisan – Jai Vigyan’ Diwas on December 29, 2015 at Panchgaon, Umred under Sansad Adarsh Gram Yojana. On the occasion large number of farmers and farm women from Panchgaon, Wadad, Chimanazari, Sargaon, Khapri, Paradgaon participated in the Kisan Gosthi. The theme of ‘Jai Kisan – Jai Vigyan’ Diwas was to strengthen and integrate the role of farmers as well as science to consolidate the benefits for bringing evergreen revolution. The programme was presided over by Sh. Meghraj Hatwar, Ex - Zilla Parishad Member. He asked farmers to use optimum resources available for enhanced production and productivity. Mrs Panchseela Meshram, Sarpanch, Panchgaon also spoke on the occasion and appreciated the joint efforts of ICAR- CICR KVK, Nagpur and Taluka Agriculture Office, Umred.

Dr. Malvi, Ex - Professor, Agronomy, Dr PDKV, Akola was the Guest Speaker, he highlighted the importance of management of water & plant nutrition practices for sustainable crop production. He further advised farmers to visit the demonstrated plots and learn the

techniques of profitable farming. Farmers- Scientist interaction was also organised on the occasion in which queries regarding Cotton Leaf Reddening, control of wild boar menace and various government scheme were discussed. Dr Malvi, Dr. R. B. Sigandhupe, Dr. T.R. Loknathan , Sh . Prakash Pande, TAO, Umred attended the programme.

The Programme was conducted by Smt Sunita Chauhan, Chief Technical Officer and Vote of Thanks was proposed by Dr. U.V. Galkate. Dr. U. Nandankar, Dr .Deulkar, Gulbir Singh and Sh. Ezaz Ahmad of KVK, CICR, Nagpur worked hard for the success of the programme.



Radio Talk

Dr. S. M. Wasnik, Principal Scientist Extension delivered Radio Talk on 'e - Kapas' in 'Mazh Ghar Mazh Wawar' programme broadcasted by AIR, Nagpur on 06/01/2016.

Superannuation



Shri. S. A. Matikhaye, Technical Officer (T-5) was accorded warm farewell on 31st December, 2015 on behalf of Staff Welfare Club. Dr. K. R. Kranthi, Director, ICAR-CICR, felicitated Shri S. A. Matikhaye on the occasion. All the Scientists, administrative, technical, supporting and other staff were present on the occasion.

Did you know

The average Indian cotton production between 1960 and 2006, was just 98 lakh bales (170 kg/bale), whereas it was 320 lakh bales in the last 10 years. India surpassed the United States in year 2006 and China in the year 2015 in cotton production and leading in cotton production in the world in 2015-16 according to USDA estimate.



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