

COTTON *Innovate*



Weekly Newsletter from Central Institute for Cotton Research, Nagpur

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A weekly newsletter from ICAR-CICR

Germplasm Field Day at CICR, Nagpur

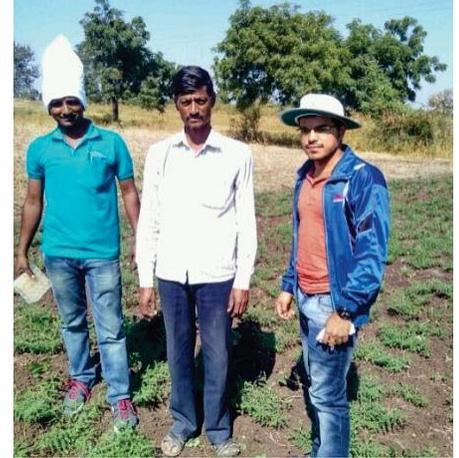
“Germplasm Field Day” was organized on 6th December, 2016 at ICAR-Central Institute for Cotton Research (CICR) at its Main Research Farm, Nagpur for selection of germplasm lines, segregating materials and introgressed materials available in the institute. Eight cotton breeders from six centres representing Northern (Bhatinda) and Central zones (Akola Nanded, Rahuri, Khandwa and Surat) participated in the programme. Dr. K R Kranthi, Director, ICAR-CICR and Heads of Divisions were present on this occasion. Cotton breeders and researchers meticulously observed all the germplasm lines of *G. hirsutum* and selected desirable germplasm lines for various traits that can be useful in the breeding programme at their respective centres. Cotton breeders from ICAR-CICR also participated and selected suitable germplasm lines required for their respective research programmes. Dr. Anjali Kak, Principal Scientist, Division of Germplasm Conservation, NBPGR, New Delhi was also present on this occasion. She was in ICAR-CICR in connection with monitoring of germplasm fields under CPR-AB. The programme was hosted by ICAR-CICR and actively coordinated by Dr. Punit Mohan, Principal Scientist & Curator, Dr. Sunil Mahajan, Senior Scientist (Seed Technology) and Dr. V. N. Waghmare, Head, Division of Crop Improvement, CICR, Nagpur.



Monitoring for American and Pink Bollworm in Northern parts of Maharashtra

Field monitoring survey has been carried out on American bollworm infesting legume crops (chick pea and pigeon pea) and pink bollworm infestation on cotton in different districts of Maharashtra (Khandesh and Vidarbha region) viz., Amaravati, Akola, Buldhana, Jalna, Parbhani, Nanded, Hingoli, Yavatmal and Wardha in last week of November 2016. The incidence of American bollworm on chickpea (50-70 DAS) and pigeon pea (130-160 DAS) was low in all districts. Pink bollworm infestation on Bt cotton (BG II) hybrids was moderate to high especially in Akola, Buldhana, Jalna, Parbhani, Nanded districts of Maharashtra.

Dr. Shah Vivek, Mr. Madhu T.N. and Mr. Dharmendra Singh of ICAR-CICR, Nagpur carried out the survey.



Bacterial Blight Incidence Recorded in Girad Cluster under MGMT

The multidisciplinary team of scientist from ICAR-CICR comprising of Dr. Nandini Gokte Narkhedkar, (Plant Nematologist), Dr. Shailesh Gawande (Plant Pathology), Dr. Saravanan (Plant Breeding) and Mr. Joy Das (Plant Biotechnology) visited the six Villages viz., Jhunka, Arvi, Mohgaon, Faridpur, Jogingumpha and Shivanphal of Girad cluster of Wardha district during last week of October under “*Mera Gaon Mera Gaurav*” programme. Purpose of visit was to visit village Jhunka and adjoining villages as there were reports of heavy incidence of bacterial blight. Heavy incidence of bacterial blight was recorded from some of the fields. Dr. Gawande advised farmers about care to be taken for management of bacterial blight while taking up crop in next season. The team also reviewed demonstration trials taken up under Tribal Sub Plan programme; the team visited demonstration fields and monitored condition of the crop. Cluster bean in most of the places did not perform well due to excess rains. They also interacted with the farmers in all the five villages, strengthened the association of the cotton growers by linking with e- Kapas system of institute for getting timely technical knowhow and advisories for sustainable cotton cultivation. Farmers were also provided with the information pertaining to Pradhan Mantri Fasal Bima Yojana as well as printed pamphlets was distributed to them. Farmers narrated the constraints such as lack of labour availability during cropping season, also the excess rains during the season hampers farming operations.



Team of scientist visited bacterial blight infected fields at Zunka village of Girad cluster



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