



List of Bt cotton varieties released for rainfed conditions of Maharashtra

The third meeting of the Central Sub-Committee on Crop Standards, Notification and Release of Varieties was held on 17th July 2017 under the Chairmanship of Dr. J. S. Sandhu, DDG (Crop Science), ICAR for release of Bt cotton with deregulated gene event (Mon531 and Mon15985) by GEAC for commercial cultivation in central and south zone. The following Bt cotton (*G. hirsutum*) varieties were identified for release for the rainfed conditions of Maharashtra state.

S. No.	Varieties	SCY (kg/ha)	FL (mm)	FS (g/tex)	Mic (g/inch)	Developed by
1.	ICAR-CICR Bt 14 (CPT2)	3066	28.1	25.4	4.8	Dr. K. R. Kranthi
	Assisted in the development of the variety: Dr. Sandhya Kranthi, Dr. Suman Bala Singh, Dr. A. H. Prakash, Dr. S. Manickam, Dr. B. Dharajothi, Dr. Santhy V. Dr. G. Balasubramani, Dr. Blaise Desouza, Dr K. P. Raghavendra, Dr. V.Chinna Babu Naik, Dr. Neelakanth S Hiremani, Dr. Dipak T. Nagrale, Ms. Suvama Khadakkar, Ms. Shilpa Chawla					
2.	ICAR-CICR Bt 9 (SRI1)	3109	25.7	25.5	4.4	Dr. K. R. Kranthi
	Assisted in the development of the variety: Dr. Sandhya Kranthi, Dr. Suman Bala Singh, Dr. A. H. Prakash, Dr. S. Manickam, Dr. Rishi Kumar, Dr. Santhy V. Dr. G. Balasubramani, Dr. K. P. Raghavendra, Dr. V.Chinna Babu Naik, Dr. Shailesh P Gawande, Ms. Usha Satija, Ms. Sheeba Ansari,					
3.	ICAR-CICR GJHV 374 Bt	2577	28.2	26.8	4.4	Dr. Suman Bala Singh
	Assisted in the development of the variety: Dr. K. R. Kranthi, Dr. Sandhya Kranthi, Dr. V. Santhy, Dr. K. P. Raghavendra, Dr. A. H. Prakash, Dr. S. Manickam, Dr. Blaise Desouza, Dr. M. Saravanan, Dr. H. B. Santosh, Bhumeswar Fande, Sonal Bhawe, Usha Satija, Dr. M.D. Khanpara, Research Scientist (Cotton), JAU, Jamnagar, Gujarat					
4.	ICAR-CICR PKV 081 Bt	2743	28.5	27.9	3.9	Dr. Suman Bala Singh
	Assisted in the development of the variety: Dr. K. R. Kranthi, Dr. Sandhya Kranthi, Dr. V. N. Waghmare, Dr. K. P. Raghavendra, Dr. Punit Mohan, Bhumeswar Fande, Dr. P. R. Vijayakumari, Dr. H. B. Santosh, Dr. T. H. Rathod, Senior Scientist (AICCIP) and Dr. V. V. Ujjainkar, Dr. PDKV, Akola (M.S.)					
5.	ICAR-CICR Rajat Bt	2660	26.8	26.1	4.5	Dr. Suman Bala Singh
	Assisted in the development of the variety: Dr. K. R. Kranthi, Dr. Sandhya Kranthi, Bhumeswar Fande, Dr. Sunil Mahajan, Dr. Vinita Gotmare, Dr. G. Balasubramani, Dr. T. R. Lokanathan, Dr. S.B.Nandeshwar, Dr. T. H. Rathod, Senior Scientist (AICCIP) and Dr. V. V. Ujjainkar, Dr. PDKV, Akola (M.S.)					
6.	ICAR-CICR Suraj Bt	2407	29.1	26.0	4.3	Dr. Suman Bala Singh
	Assisted in the development of the variety: Dr. K. R. Kranthi, Dr. Sandhya Kranthi, Dr. V. N. Waghmare, Bhumeswar Fande, Dr. A. H. Prakash, Dr. S. Manickam, Dr. V. Santhy, Dr. H. B. Santosh, Mr. Joy Das, Mr. Rakesh Kumar					



ICAR-CICR GJHV 374 Bt



ICAR-CICR Rajat Bt



ICAR- CICR PKV 081 Bt



ICAR-CICR Suraj Bt

Participation in Meetings/Visits/Committees/monitoring/ Lecture delivered

- A monitoring team comprising of Dr.D. Monga (Head and PI Plant Pathology), Dr K.S. Baig (Plant Breeding), Dr Rishi Kumar Principal Scientist (Entomology), Dr Sudeep Malik (Agronomist), and Dr. A.R. Reddy Principal Scientist (Agricultural Extension) was constituted by Project Coordinator, AICRP on Cotton for 2017-18 cotton season. The team visited Agriculture Research Station, Indore (M.P.), Main Cotton Research Station, College of Agriculture Khandwa (M.P.), Agricultural Research Station Banswara, Rajasthan (MPUAT), Main Cotton Research Station Navasari Agricultural University Athwa Farm, Surat (Gujrat) and Cotton Research Station Junagarh Agricultural University Junagarh (Gujrat) from 30th October, 2017 to 6th Nov, 2017 and monitored the progress of trials laid out under AICRP on Cotton. At almost all the locations the trials were

in good conditions and were laid out as per technical program. At Khandwa Station (M.P.), incidence of PBW was noticed in Bt cotton hybrid trial.

- Dr S.M. Wasnik, Principal Scientist (Extension) as an Expert member for cotton of National Level Monitoring Team (NLMT) under National Food Security Mission (NFSM), visited along with other team members to the districts of Aurangabad, Beed and Ahmednagar during 12 March to 15 March 2018 and monitored the implementation of NFSM components like NFSM: Rice, Wheat, Pulses, Coarse Cereals & Commercial Crops i.e. Cotton & Sugarcane and also assessed the crops situations
- An advanced training on “Innovative Strategies on Plant Protection for Insect Pests Management in Changing Agricultural Scenario” from 8-28th Nov,2017 organized by Centre of Advance Faculty Training, Department of Entomology, CCS HAU Hisar. Dr Rishi Kumar, Principal Scientist (Agri Entomology) delivered a lecture on ‘Innovative Pest management Strategies in Cotton’ on 22th Nov, 2017 in this training. 20 Scientists /Assistant Professors/Sr Scientists from various universities and ICAR institute participated in this training.
- A “INDO-US symposium on Curbing Whitefly-Plant Virus Pandemics: The Departure from Pesticides to Genomics was organized by Punjab Agricultural University, Ludhiana in association with IUSSTF, University of Arizona, USA on 4-5th Dec,2017.
- Dr D. Monga Head, CICR, Regional Station, Sirsa and Dr Rishi Kumar, Principal Scientist (Entomology) attended the symposium and presented a poster on “Within Plant Distribution of Whitefly in Cotton and its Implication on Management Strategies”. The poster prepared by the team of scientist viz. Dr. D. Monga, Dr. Rishi Kumar, Mr. Naveen Rao and Dr. S. K. Sain was adjudged as Best poster and a trophy to the awardees was presented by Dr Judith K. Brown & Dr Pankaj Rathore, Organizing Secretaries of the symposium from USA and India



Produced and Published by:

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Citation : Cotton Innovate, Issue-3 Volume-3, 2018,
ICAR-Central Institute for Cotton Research, Nagpur.

Publication Note: This Newsletter presented online at
http://www.cicr.org.in/cotton_innovate.html

Cotton Innovate is the Open Access CICR Newsletter

The Cotton Innovate – is published weekly by

ICAR-Central Institute for Cotton Research

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