

COTTON *Innovate*



Weekly Newsletter from Central Institute for Cotton Research, Nagpur

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Farmers visit to CICR Nagpur

Group of farmers along with Sh Nanasaheb Patil, Ex-Additional Secretary, Govt of India visited CICR on 31st July 2015. They visited experimental fields including earless cotton experiment. Sh Ghavate JDA Nagpur and officials from Mahabeej also accompanied. Dr K R Kranthi, Director, ICAR-CICR, Dr. D. Blaise, Head, Division of Crop Production, Dr. Singandhupe, Dr A. Manikandan attended the visit.



Dr. K.R. Kranthi, Director, ICAR-CICR took additional charge of ICAR-NIBSM, Raipur

Dr. K.R. Kranthi, Director, ICAR-CICR, Nagpur has taken over an additional charge of Officer on Special Duty (OSD), ICAR-National Institute of Biotic Stress Management (NIBSM), Raipur on 29th July, 2015.



Do you Know?

Area under cotton was 129.71 lakh hectare, production was 390 lakh bales with productivity of 511.14 kg/ha in 2014-15

CICR Library Enriched

CICR, Nagpur library was enriched with the arrival of books from the Directorate of Cotton Development, Mumbai. The books include some of great historic importance at its library. Transported in two containers the consignment, in addition to books also comprised 26 old fashioned teak wood cupboards 10 feet high. Still further details are awaited.



TALKS DELIVERED

Dr. M.V Venugopalan, Dr. Sandhya Kranthi and Dr. Vinita Gotmare delivered lectures on 31st July 2015 at Vanamati during the 3 - day seminar held for the benefit of Agricultural Extension Officers. Participants were sensitized on the issue of Climate Change and Crop Production, Climate Change and Crop Protection and Varieties for Climate Change.

Ms Ratna Sahay, Senior Research Fellow delivered a talk at CICR, Sirsa on “Use of microbial inoculants/ Bio fertilizers in Cotton” on 27th July, 2015. She expressed concern over the excessive use of chemical fertilizers, irresponsible and harmful agricultural habits causing soil and water pollution and secondary contamination of human food chain. She pointed out that bio - fertilizers have emerged as a highly potent alternative to chemical fertilizers due to their eco-friendly, easy to apply, non-toxic and cost effective nature. Further, also, they make available nutrients that are naturally abundant in soil or atmosphere, usable for plants and act as supplements to agrochemicals. She highlighted that the Agricultural industries such as the cotton industry rely heavily on the use of chemical fertilizers, herbicides and pesticides. Use of potential microbial inoculants such as nitrogen fixers, Phosphate solubilising bacteria (PSB), Blue Green Algae, Azospirillum and Mycorrhizae are attracting such crops as it substantially reduces the use of chemical fertilizers and pesticides. There are now an increasing number of inoculants being commercialized for various crops.

HONOURS

Shri P. Chidambaram, Supporting staff, ICAR- CICR-RS, Coimbatore received the **Best Supporting staff Award - 2014** during the **87th ICAR Foundation Day & Award** ceremony and National Conference of KVKs held on 25th July, 2015 at Patna, Bihar. Sh P. Chidambaram received the award from Dr Sanjeev Kumar Balyan, Hon'ble Union Minister of State for Agriculture.



CICR Ranked Second for Annual Achievements (Performance Evaluation) for the year 2014-15

Total Composite score of RFD for the year 2014-15 of RSCs is 99.50 compared to 96.00 previous year

RFD rating for the year 2014-15 is Excellent

ANJUMAN LIAJUNGIL OF AGRICULTURAL RESEARCH
Krishi Bhawan, New Delhi - 110001
RFD Coordination Unit
(Animal Science Division)
Dated 03.07.2015

Subject: Approved Annual Achievements (Performance Evaluation), Total Composite Score and Ratings in respect of RFD 2014-2015 of the RSCs i.e. Institutes of the SMDs -reg.

RFD Nodal Officers of the SMDs were requested through e-mail dated 30.03.2015 to submit the draft Annual Achievements (Performance Evaluation) in respect of RFD 2014-2015 of their RSCs i.e. Institutes as per the guidelines for Evaluation Methodology for 2014-2015 provided by the Performance Management Division (PMD), Cabinet Secretariat, New Delhi which is also applicable for the RSCs. These draft annual achievements were processed at RFD Coordination Unit at ICAR Hqrs. (RFDCU) and were modified, wherever necessary, after its re-calculation.

The performance (Total Composite Score and Rating in order of their ranking) for RFD 2014-2015, deviation in Total Composite Score over RFD 2013-2014 of RSCs i.e. Institutes of the SMD and remarks, as approved by the Competent Authority, are given below:

S. No.	Name of the RSCs	Total Composite Score of RFD 2014-2015 of RSCs	Rating	Total Composite Score of RFD 2013-2014 of RSCs	Deviation in Total Composite Score of RFD 2014-2015 over RFD 2013-2014	Remarks
1	Crop Science	100.00	Excellent	100.00	00.00	Consistent
2	NCIPM, New Delhi	99.50	Excellent	96.00	03.50	Improvement
3	CICR, Nagpur	99.20	Excellent	97.10	02.10	Decline
4	CRRI, Cuttack	98.98	Excellent	99.30	-0.32	Improvement
5	IMR, New Delhi	98.15	Excellent	97.50	00.65	Improvement
6	CRUAF, Barracpore	97.60	Excellent	96.17	01.43	Improvement
7	SRI, Coimbatore	97.24	Excellent	95.76	01.48	Decline
8	NRC-PB, New Delhi	97.00	Excellent	97.00	-0.00	Improvement
9	IWBR, Karnal	96.30	Excellent	92.18	04.21	Improvement
10	IARI, New Delhi	95.88	Excellent	94.62	01.26	Improvement
11	NBAIM, Mau	95.03	Very good	91.52	03.51	Improvement
12	NBAIR, Bangalore	93.68	Very good	77.29	16.39	Improvement
13	IICR, Hyderabad	93.25	Very good	94.10	-0.85	Decline
14	ICRI, Rajamundry	92.80	Very good	94.80	-2.00	Decline

Newspaper clippings

HARYANA

The Tribune
BATHINDA | FRIDAY | 24 JULY 2015

Whitefly attack worries cotton farmers in Sirsa

SUSHIL MANAY
TRIBUNE NEWS SERVICE

SIRSA, JULY 23
Cotton farmers in the district are a worried lot as whiteflies have attacked their crop early this year. The district contributes more than one third to the total production of cotton in Haryana.

Though the pest, which is responsible for sucking sap from cotton plants and acts as vector to leaf curl virus, comes almost every year, it has come early this year. "The early onset of the infestation and its severity has left the farmers in distress," said Gurjeet Singh Mann, a farmer in Kirpal Patti village of Sirsa.

Toxic insecticides harm cotton crop

“In Sirsa, we have observed 15 to 20 insects per leaf at most places and up to 30 to 40 insects per leaf on some other plants... to control whiteflies, farmers generally mix two or three insecticides, which is highly toxic to cotton crop and also leads to increase in the insect's population”

Dr Dalip Monga, ICR PRINCIPAL SCIENTIST

Central Institute of Cotton Research (CICR) principal scientist Dr Dalip Monga said the attack was widespread in the entire northern region this time. "We have observed incidents of whitefly attacks in Bhiwani, Hisar, Fatehabad, Sirsa and other parts of Haryana, besides Bathinda, Ferozepur and other cotton-producing districts of Punjab," said Dr Monga.

In Sirsa, the attack has crossed economic threshold levels (ETL). "If the number of insects is eight to 10 per leaf, the attack is said to have crossed ETL. But in Sirsa, we have observed 15 to 20 insects per leaf at most places and even up to 30 to 40 insects per leaf on some other plants," Dr Monga said.

The CICR has urged farmers not to use any mixture of insecticides on Bt cotton for management of whitefly. Monga advised farmers to apply a litre of neem oil per acre, Diafenthiuron 325g per acre and Buprofezin 400 ml per acre alternatively on the basis of the crop's growth stage.



Whiteflies on a cotton leaf.
TRIBUNE PHOTO

FAREWELL

Shri, Gulbir Singh, Subject Matter Specialist, KVK and Shri. S. P. Muchali, Technical Officer (T-5) were accorded warm farewell on 31st July, 2015 on behalf of staff welfare club. Dr. K. R. Kranthi, Director, ICAR-CICR, felicitated both of them on the occasion. All the scientists, administrative, technical, supporting and other staff were present on the occasion.



MEETINGS ATTENDED

- Dr D Monga participated in the live program of Kisan Channel “HELLO KISAN” on 24th July from 6.00-7.00 pm at DD Kisan, Central Production Centre, Asiad Village Complex, Khel Gaon, New Delhi. The program was organised to have discussion on modern cotton farming where live questions from farmers were also invited.
- Dr. K. R. Kranthi, Director, ICAR-CICR participated in the “Brain storming Dialogue on Viral and Greening Diseases of Citrus: Challenges & Way Forward” at ICAR-Central Citrus Research Institute, Nagpur on 28th July, 2015.
- Dr .O. P. Tuteja attended the 15th meeting of cotton Technical Assistance Program (TAP) for African Countries at Udhya Bhawan, New Delhi on 31st July, 2015.



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