Project Coordinators Report

Introduction:

Cotton, cotton-related products, textiles, and apparel are economically important commodities and consist of agricultural and industrial sectors in India. Cotton research in India started in the year 1921, Indian Central Cotton Committee (ICCC) sponsoring cotton research schemes on an ad-hoc basis. The Indian Council of Agricultural Research (ICAR) launched the All India Coordinated Cotton Improvement Project (AICCIP) in the year 1967 with its Headquarters at Coimbatore (Tamil Nadu) to give new thrust and direction in terms of multi-disciplinary and multi-centre approaches to improve the cotton cultivars in the country with the active involvement of State Agricultural Universities across cotton growing states. Currently, the AICCIP Project is in operation with its headquarters at Coimbatore and spread over 21 participating centres involving 16 State Agricultural Universities. The Central Institute for Cotton Research (CICR, ICAR), Nagpur and its Regional Stations at Coimbatore and Sirsa provide basic research support and also take part in some of the strategic research and evaluation activities of the AICRP on Cotton. The Central Institute for Research on Cotton Technology (CIRCOT, ICAR), Mumbai and its Regional units are closely associated with AICCIP in assessing the fibre quality parameters of cotton cultures under trial.

Major activities of these centres include development of varieties and hybrids best suited for different agro-climatic zones, development of viable and economical agro-techniques for realizing maximum yields from improved cultivars besides development of economic and effective pest and disease management practices under different agro-ecological conditions. In addition to the development of cotton production and protection technologies, AICCIP is actively involved in on-farm demonstrations of improved technologies developed and also organising *Kisan Melas* for effective and speedy dissemination of newer technologies to the farming community. From 2011-12 on wards Tribal Sub Plan - A programme targeting the cotton farmers from Schedule Tribes communities has been initiated and Rs 15.00 lakhs have been allocated during the year 2013-14. In addition, the cotton breeder seed production is also monitored through AICCIP.

Though the cotton production is expected to reach all time high of 375 lakh bales in 2013-14, the productivity was static for the past six to seven years. To match the increased demand for cotton in both the national and international markets, it is essential to give impetus for the enhancement of cotton productivity to at least 650-700 kg/ha by end of XII five year plan by identification of newer/improved genotypes and production technologies.

Indian Cotton Scenario:

With suitable climate for cotton cultivation across the country and with improved technologies from public and private sectors, the cotton production in the country is expected to touch the all time high of 375 lakh bales of 170kg in the year 2013-14. Past ten years from 2004-05 to 2013-14, remarkable cotton area and production increase were achieved with cotton area enhancement of 31% and production enhancement of 54%. Cotton Advisory Board estimates around 3.5% drop in area under cotton from 119.78 to 115.83 lakh ha in 2013-14 compared to previous year. There was increase in cotton area in states like Gujarat, Karnataka, Punjab and Odisa compared to previous year and also decrease of around 2.5 lakh hectare of

cotton area each in Andhra Pradesh and Maharashtra. The scintillating cotton production achieved by Gujarat with increase of 25% over last year and Gujarat contribution to overall cotton production in the country continued to be more that 30% for the past 10 years. To boost the cotton production and productivity in the country, Government of India implements various research schemes and periodically increases the minimum support price for cotton based on the market trends.

State wise cotton area (lakh ha) from 2004-05 to 2013-14

Area	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12*	2012-13*p	2013-14*p
Punjab	5.09	5.57	6.07	6.04	5.27	5.11	5.30	5.60	4.80	5.05
Haryana	6.21	5.83	5.30	4.83	4.56	5.07	4.92	6.41	6.14	5.57
Rajasthan	4.38	4.71	3.50	3.69	3.02	4.44	3.35	4.70	4.50	3.03
NORTH ZONE	15.68	16.11	14.87	14.56	12.85	14.62	13.57	16.71	15.44	13.65
Gujarat	19.06	19.06	23.90	24.22	23.54	26.25	26.33	29.62	24.97	26.91
Maharashtra	28.40	28.75	31.07	31.95	31.42	35.03	39.42	41.25	41.46	38.72
Madhya Pradesh	5.76	6.20	6.39	6.30	6.25	6.11	6.50	7.06	6.08	6.21
CENTRAL ZONE	53.22	54.01	61.36	62.47	61.21	67.39	72.25	77.93	72.51	71.84
Andhra Pradesh	11.78	10.33	9.72	11.33	13.99	14.75	18.79	18.79	24.00	21.42
Karnataka	5.21	4.13	3.78	4.03	4.08	4.55	5.45	5.54	4.85	5.78
Tamil Nadu	1.29	1.40	1.00	0.99	1.09	1.04	1.22	1.33	1.28	1.17
SOUTH ZONE	18.28	15.86	14.50	16.35	19.16	20.34	25.46	25.66	30.13	28.37
Orissa				0.50	0.58	0.54	0.74	1.02	1.19	1.34
Others	0.68	0.79	0.71	0.26	0.26	0.21	0.33	0.46	0.51	0.33
TOTAL	87.86	86.77	91.44	94.14	94.06	103.10	112.35	121.78	119.78	115.53

State wise cotton (Lint) production (lakh bales of 170 kg) from 2004-05 to 2013-14

Area	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12*	2012-13*p	2013-14*p
Punjab	16.50	20.00	24.00	20.00	17.50	13.00	16.00	17.50	18.50	18.50
Haryana	16.50	12.00	15.00	15.00	14.00	15.25	14.00	23.00	22.00	20.00
Rajasthan	10.00	9.00	9.00	9.00	7.50	12.00	9.00	16.90	15.90	12.90
NORTH ZONE	43.00	41.00	48.00	44.00	39.00	40.25	39.00	57.40	56.40	51.40
Gujarat	73.00	89.00	103.00	110.00	90.00	98.00	103.00	118.80	89.80	112.80
Maharshtra	52.00	35.00	50.00	62.00	62.00	65.75	82.00	70.25	73.25	75.25
Madhya Pradesh	16.00	19.00	19.00	20.00	18.00	15.25	17.00	17.30	18.30	18.30
CENTRAL ZONE	141.00	143.00	172.00	192.00	170.00	179.00	202.00	206.35	181.35	206.35
Andhra Pradesh	33.00	33.00	36.00	46.00	53.00	54.50	53.00	53.50	77.50	65.50
Karnataka	8.00	6.00	6.00	8.00	9.00	12.25	10.00	13.90	13.90	16.90
Tamilnadu	5.00	5.00	5.00	4.00	5.00	5.00	5.00	4.30	3.80	2.80
SOUTH ZONE	46.00	44.00	47.00	58.00	67.00	71.75	68.00	71.70	95.20	85.20
Orissa					1.50	1.00	2.00	3.45	3.95	3.95
Others	1.00	1.00	1.00	1.00	0.50	1.00	2.00	2.00	2.00	2.00
TOTAL	231.00	229.00	268.00	295.00	278.00	293.00	313.00	340.90	338.90	348.90
Loose cotton	12.00	12.00	12.00	12.00	12.00	12.00	26.10	26.10	26.10	26.10
GRAND TOTAL	243.00	241.00	280.00	307.00	290.00	305.00	339.10	367.00	365.00	375.00

State wise cotton Productivity (kg/ha) from 2004-05 to 2013-14

Area	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12*	2012-13*p	2013-14*p
Punjab	551	610	672	563	565	432	593	607	744	707
Haryana	452	350	481	528	522	511	587	690	692	702
Rajasthan	388	325	437	415	422	459	513	651	642	785
NORTH ZONE	466	433	549	514	516	468	571	651	694	722
Gujarat	651	794	733	772	650	635	686	700	633	733
Maharshtra	311	207	274	330	335	319	378	313	324	356
Madhya Pradesh	472	521	505	540	490	424	463	433	531	520
CENTRAL ZONE	450	450	477	522	472	452	498	471	448	511
Andhra Pradesh	476	543	630	690	644	628	538	543	595	571
Karnataka	261	247	270	337	375	458	346	460	526	529
Tamilnadu	659	607	850	687	780	817	1003	831	797	726
SOUTH ZONE	428	472	551	603	594	600	519	540	592	569
Orissa				0	440	315	471	583	571	507
India	470	472	521	554	524	503	513	512	518	552

* - Estimate by CAB as on 01.11.2013 : p – Provisional
Source : CAB

Since India is having a large domestic textile industry, the mill consumption of cotton in the country especially, textile mills and small scale spinning units had been continuously on the raise from the year 2005-06 and it is expected to consume 297 lakh bales in the year 2013-14. Concurrently, from the year 2005-06 the export of raw cotton also took momentum and on an average Indian exports 80 lakh bales for the past eight or nine years.

Cotton Balance Sheet (in lakh bales)

	2004-05	2005-06	2006-07	2007-08	2008 - 09	2009 - 10	2010 - 11	2011 - 12*	2012 - 13*p	2013-14*p
Supply										
Opening Stock	21.00	72.00	52.00	47.50	35.50	71.50	40.50	45.77	40.00	35.00
Cotton Production	243.00	241.00	280.00	307.00	290.00	295.00	339.00	367.00	365.00	375.00
Imports	12.17	5.00	5.53	6.38	10.00	7.00	2.38	7.51	14.59	17.00
Total supply	276.17	318.00	337.53	360.88	335.50	373.50	381.88	420.28	419.59	427.00
Demand										
Mill consumption	163.98	180.00	194.89	195.67	190.00	219.00	221.77	223.59	250.14	258.00
Consumption by SSI units	16.57	19.00	21.26	22.08	20.00	23.00	24.46	22.12	23.02	24.00
Non-mill consumption	14.48	20.00	15.88	19.13	19.00	17.00	13.38	5.00	10.00	15.00
Total consumption	195.03	219.00	232.03	236.88	229.00	259.00	259.61	250.71	283.16	297.00
Export	9.14	47.00	58.00	88.50	35.00	83.00	76.50	129.57	101.43	90.00
Total demand	204.17	266.00	290.03	325.38	264.00	342.00	336.11	380.28	384.59	387.00
Closing stock	72.00	52.00	47.50	35.50	71.50	40.50	45.77	40.00	35.00	40.00

* - Estimate by CAB as on 01.11.2013, p – Provisional, Source: CAB

World Cotton Scenario

World cotton production is estimated at 116.67 million bales of 480 lb in 2013-14 (USDA, February, 2014) which is 6.402 million bales lesser than the previous year 2012-13 and cotton area decreased to the tune of 1.191 million ha compared to 2012-13. India continued to maintain the largest area under cotton and second largest producer of cotton next to china with 35.29% and 24% of world cotton area and production, respectively. India also sustained the position of being the second largest consumer and exporter of cotton and is expected to export 7.5 million bales and expected to consume 23 million bales in 2013-14.

The difference in cotton production between China and India is expected to narrow down this year to just around three million bales. Significant drop in the cotton production in China amounts to 8.57% from 35 million bales last year to 32 million bales this year due to slight area and productivity decrease. The same scenario is expected in the United States also this year with drop in production to 23.84% compared to previous year due to significant decrease in cotton area and productivity. China is expected to hold around 57 million bales as reserve this year which is 50% of expected world cotton production in 2013-14.

World Cotton Supply and Distribution: 2013-14

Country	Area Harvested	Production	Productivity	Imports	Exports	Total Supply	Use	Ending Stocks
India	11.700	29.000	540	1.100	7.500	41.169	23.000	10.669
China	5.050	32.000	1380	11.000	0.050	93.361	36.000	57.311
United States	3.102	13.187	926	0.010	10.500	17.097	3.600	3.000
Pakistan	3.000	9.500	689	2.500	0.500	14.860	11.500	2.835
Brazil	1.100	7.400	1465	0.075	2.400	13.276	4.200	6.826
Uzbekistan	1.285	4.250	720	0.000	2.800	5.598	1.500	1.298
Australia	0.415	4.100	2151	0.000	3.900	6.388	0.040	2.673
Turkey	0.330	2.250	1484	4.100	0.150	7.665	6.200	1.315
Turkmenistan	0.575	1.500	568	0.000	0.850	2.349	0.725	0.774
Argentina	0.580	1.300	488	0.035	0.250	2.024	0.775	0.999
Burkina	0.575	1.125	426	0.000	1.100	1.432	0.004	0.328
Mali	0.530	0.940	386	0.000	0.875	1.222	0.025	0.322
Egypt	0.130	0.450	754	0.400	0.225	0.989	0.550	0.204
World	33.145	116.671	766	38.452	38.471	244.280	109.482	96.465

Note: Area in million ha; Productivity in kg/ha; Cotton in million bales of 480lb
Source: United States Department of Agriculture, Foreign Agricultural Service, February 2014.

Notification of Cotton Genotypes for Cultivation

During the year 2013-14, five cotton cultivars have been notified for commercial cultivation in the country for various agro-climatic zones. Of the five, four are varieties and the remaining one is hybrid.

Breeder Seed Production

An effective maintenance of Nucleus and Breeder seed programme was undertaken by the concerned participating centres of AICCIP. The Breeder seed production in respect of National indent 2013-14 was taken up at different AICCIP centres and at CICR, Regional Station, Coimbatore. The production was over and above the indent in almost all the locations.

State-wise Breeder Seed Production in various centres

Sl No.	Name of the Producing Centre/State	Name of variety	DAC Indent (Qtls.)	Actual Allotment as per BSP-I target (Qtls.)	Actual Production (Qtls.)	Production Surplus (+)/ Deficit(-) over BSP-I target
1	**Punjab**					
	Ludhiana	FDK 124	0.10	0.10	0.80	+0.70
		F-1378	1.30	1.30	0.40	-0.90
		F 846	0.75	0.75	0.48	-0.27
		F1861	0.40	0.40	0.54	+0.14
		F 1054	0.40	0.40	0.50	+0.10
		F 505	0.50	0.50	0.40	+0.10
		LH 1556	0.20	0.20	0.30	+0.10
2	**Haryana**					
	CCSHAU, Hisar	AAH-1 (F)	0.03	0.03	0.25	+0.22
		AAH -1 (M)	0.11	0.11	0.18	+0.07
		HD-123	3.90	3.90	8.73	+4.83
		H-1098	0.80	0.80	1.75	+0.95
3	**Rajasthan**					
	RAU, Sriganganagar	RST-9	1.30	1.30	0.00	-1.30
		RG-8	8.63	8.63	8.65	+0.02
		RS 2013	0.40	0.40	0.40	0.00
		RG 18	0.30	0.30	0.55	+0.25
		RS 810	0.40	0.40	0.35	-0.05
4	**Maharashtra**					
	MPKV, Jalgaon	Phule JLA-794	0.50	0.50	0.66	+0.16
	Dr PDKV, Akola	PKV Hyb-2				
		AK-32 (F)	0.02	0.02	0.40	+0.38
		DHy-286-1 (M)	0.01	0.01	0.20	+0.19
		AKA-5	2.00	2.00	6.05	+4.05
		AKA-7	2.00	2.00	1.00	-1.00
		AKA-8	1.00	1.00	0.05	-0.95
		AKH-081	0.05	0.05	1.0	+0.05
5	**Tamil Nadu**					
	CICR, Coimbatore	Suraj (CCH 510-4)	0.12	0.12	0.12	0.00
		Surabhi (VRS 7)	0.38	0.38	0.38	0.00
		Supriya (CP 1998 F)	0.12	0.12	0.12	0.00
		MCU 5-VT	0.16	0.16	0.16	0.00
		LRA 5166	0.16	0.16	0.16	0.00
	TNAU, Coimbatore	MCU 7	0.15	0.15	0.60	+0.45
		MCU 5	0.06	0.06	0.42	+0.36
		Total	**26.25**	**26.25**	**35.60**	**+9.35**

ii) Variety-wise Breeder Seed Production

S. No.	Variety	Year of Release & Notification	DAC Indent (Qtl.)	Production (Qtl.)	Production Surplus(+)/ Deficit (-) in kg over BSP-I target
1.	FDK 124	2011	0.10	0.80	+0.70
2.	F 1378	1997	1.30	0.40	-0.90
3.	F 846	1993	0.75	0.48	-0.27
4.	F 1861	2004	0.40	0.54	+0.14
5.	F 1054	1993	0.40	0.50	+0.10
6.	F 505	1987	0.50	0.40	+0.10
7.	LH 1556	1996	0.20	0.30	+0.10
8.	AAH-1 (F)	1999	0.03	0.25	+0.22
9.	AAH -1 (M)	1999	0.11	0.18	+0.07
10.	HD-123	2000	3.90	8.73	+4.83
11.	H-1098	1997	0.80	1.75	+0.95
12.	RST-9	1991	1.30	0.00	-1.30
13.	RG-8	1988	8.63	8.65	+0.02
14.	RS 2013	2002	0.40	0.40	0.00
15.	RG 18	2001	0.30	0.55	+0.25
16.	RS 810	2001	0.40	0.35	-0.05
17.	Phule JLA-794	2005	0.50	0.66	+0.16
18.	PKV Hy-2 (AK-32 (F)	1981	0.02	0.40	+0.38
19.	PKV Hy-2 (DHy-286-1 (M)	1981	0.01	0.20	+0.19
20.	AKA-5	1983	2.00	6.05	+4.05
21.	AKA-7	2001	2.00	1.00	-1.00
22.	AKA-8	2008	1.00	0.05	-0.95
23.	AKH-081	1988	0.05	1.0	+0.05
24.	Suraj (CCH 510-4)	2008	0.12	0.12	0.00
25.	Surabhi (VRS 7)	1997	0.38	0.38	0.00
26.	Supriya (CP 1998 F)	1985	0.12	0.12	0.00
27.	MCU 5-VT	1984	0.16	0.16	0.00
28.	LRA 5166	1983	0.16	0.16	0.00
29.	MCU 7	1984	0.15	0.60	+0.45
30.	MCU 5	1976	0.06	0.42	+0.36
	Grand Total		**26.25**	**35.60**	**+9.35**

Registration of Cotton varieties under PPV & FRA

List of registered cotton varieties during 2013-14 under PPV&FRA, 2001

Institute	Name of the Variety	Species	Variety/ Hybrid	Remarks
CICR	CCH 510-4	G. hirsutum L.	Variety	As New
CICR	CNHO 12	G. hirsutum L.	Variety	As extant
ANGRAU	NARASIMHA	G. hirsutum L.	Variety	As Extant
CICR	CSHH 243	G. hirsutum L.	Hybrid	As new

Monitoring Committee report of AICCIP Trials

Four teams were constituted for monitoring of AICCIP and Bt Cotton Evaluation trials during the year 2013-14 cropping season. Suggestions/recommendations made by the team shall be discussed during the Annual Group Meeting for follow-up action. The brief report submitted by the committee has been presented.

Monitoring team	Date and Places visited	Comments
Dr. D. Monga- Chairman Dr. R.A. Meena- Member Dr. M. Gunasekaran- Member Dr. U.B. Hole- member	23 to 27th September, 2013 Hisar, Sirsa, Sriganganagar, Bathinda, Faridkot, and Ludhiana 13th November, 2013- Kanpur	The experiments were conducted as per protocol at all Centres. Field sanitation was very good. This year, the cotton leaf curl virus disease was first noted in the regional station experimental farm on 17th June. The incidence and severity of disease in north zone was higher compared to past two years mainly because of favourable weather factors for its development and multiplication of its vector whitefly. Adequate plant population was not maintained in three breeding trials viz., Br.03a(ZT), Br.04a(ZT) and Br.06a(NT) at SKRAU, Sriganganagar and vitiated.
Dr. S. Manickam- Chairman Dr. K. Sankaranarayanan- member Dr. K. B. Pawar- Member	25-30 October, 2013. Gujarat, Madhya Pradesh and Banswara region in Rajasthan State	All the trials were conducted as per the technical programme except for the fact that one Dummy entry was included in Br-02b trial. Necessary border rows were included, proper plant stand was maintained and field sanitation was good. In few centres some experiments were declared as vitiated. They are At MPAUT, Banswara, the plant stand in Br-32b is very poor and needs to be treated as vitiated. The local check at recommended spacing in Br-06a trial was not included, instead, it was included at closer spacing and hence the data of this is to be rejected At MPAUT, Banswara, Entomology trials viz., Ent 1(a), Ent 1(b), Ent 2, Ent 3(b), and Ent 4 the crop stand was very poor due to continuous rains upto 41MW and hence vitiated.
Dr. S. S. Patil- Chairman Dr. AjayKumar- Member Dr. S. Parsai- Member Dr. S. Nakkeeran- member	18-23 October 2014 Maharashtra & Bhavanipatna	The allotted AICCIP trials were conducted and the plant stand and crop growth was good in all the trials. CRS, Nanded- Excess rain and water logging

		has severely affected Br 05b PHT and CHT and vitiated Dr PDKV, Akola- Br 24b can be rejected because of too many gaps in different replications OUAT, Bhawanipatna- Pathologist post is vacant, But we observed the severe outbreak of *Alternaria* leaf blight Sucking Pests incidence specially leafhoppers, Whiteflies and Thrips was found in Maharashtra while incidence of leafhopprs was more in Orissa. Cotton leaf roller incidence was observed in some of the entries at Bhawanipatna.
Dr. V. Kumar- Chairman Dr. Bharud- Member Prof. I. M. Maisuria- Member Dr. Perane- Member	15-25th December, 2013 Karnataka, Andhra Pradesh, Tamil Nadu	The allotted AICCIP trials were conducted and the plant stand and crop growth was good in all the trials. The team is of the view, after visit AICCIP locations in the South Zone, visit to farmers' fields and discussion that HDPS is welcome by the farmers. The breeding trial especially for evaluation of compact types for HDPS was very good and some of them may emerge as future varieties. At TNAU, Srivalliputhur, in 1(a) trial, entries viz; 3501, 3502, 3507, 3508, 3511, 3525, 3527 and 3529 were found tolerant to leaf hopper. Stem weevil infestation was high in experimental area.

Tribal Sub-Plan

Under Tribal Sub Plan Programme a sum of Rs. 15 lakhs was utilised to conduct exclusive training programme and dissemination of cotton production technologies to the tribal cotton farmers to improve their economic status.

S.No	Centre Name	Name of the project	Amount earmarked of TSP
1	MAU, PARBHANI (Nanded Centre)	TSP	2,00,000/-
2	UAS, DHARWAR (Dharwar Centre)	TSP	2,00,000/-
3	TNAU, Coimbatore (Coimbatore Centre)	TSP	2,00,000/-
4	USA, Raichur (Raichur Centre)	TSP	2,00,000/-
5	MPUAT, UDAIPUR (Banswara Centre)	TSP	3,00,000/-
6	NAU, NAVSARI (Surat Centre)	TSP	1,00,000/-
7	CICR,RS, Coimbatore (PC Cell Unit)	TSP	3,00,000/-
Total		TSP	15,00,000/-

Evaluation of Bt Cotton Hybrids

With the approval of Indian Council of Agricultural Research, New Delhi Bt cotton hybrids (BG II) belonging to private sector R & D firms were evaluated for their yield performance, fibre quality and reaction to pest and diseases in All India Coordinated Cotton Improvement Project Centres of Central and South Zone States in irrigated and rainfed situations separately.

In Central Zone, four test entries of *Intra-hirsutum* Bt hybrids (BG II) were evaluated under Irrigated conditions (Locations- MPKV, Rahuri, Maharashtra, Navsari Agricultural University, Surat, Gujarat and RVSKVV, Khandwa, Madhya Pradesh) and two test entries of the same category were evaluated under Rainfed Conditions (Locations- Dr. PDKV, Akola, Maharashtra, RVSKVV, Indore, Madhya Pradesh, CICR, Nagpur* and NAU, Bharuch*). The trials at Nagpur and Bharuch was vitiated due to heavy rains.

In South Zone, three test entries of *Intra-hirsutum* Bt hybrids (BG II) were evaluated under Irrigated conditions (Locations- RARS, ANGRAU, Lam, Guntur, Andhra Pradesh, UAS, Raichur, Karnataka and TNAU, Coimbatore, Tamil Nadu) and two test entries of the same category were evaluated under Rainfed Conditions(Locations- RARS, ANGRAU, Nandyal, Andhra Pradesh, UAS, Dharwad, Karnataka and ARS, TNAU, Aruppukkottai, Tamil Nadu). Apart from these two trials, an Inter-specific (hirsutum x barbadense) Bt hybrids (BG II) trial was also conducted under Irrigated Conditions (RARS, ANGRAU, Lam, Guntur, Andhra Pradesh, UAS, Dharwad, Karnataka and TNAU, Coimbatore, Tamil Nadu). The evaluation report was submitted to ICAR.

QRT visits to AICCIP Centre

The Quinquennial Review Team was headed by Dr C.D. Mayee as Chairman and Dr (Mrs) Usha Barwale, Dr S.S. Mehetre, Dr H.C. Sharma, Dr D.P. Biradar and Dr D.K. Marothia as members. Dr M.V. Venugopalan was the Member Secretary for the QRT for both CICR and AICCIP. The team reviewed the previous QRT's recommendations and also the Action Taken Report. The review of various Reports/Documents/Plan documents was taken up. The QRT also used the opportunity to go through the background information on AICCIP provided by Project Coordinator (Cotton Improvement).

The details of the QRT team visits to various centres and locations are presented in below

Date	Place	Station Reviewed
20.10.12	Sirsa	CICR (RS, Sirsa), PAU, CCSHAU, MPAUT, Udiapur and SKRAU, Sriganganagar
21.10.12	Hisar	Field demonstration of CCSHAU
18.12.12	Akola	PDKV, JNKVV (Khandwa and Indore)
19.12.12	Jalna	MKV (Parbhani), MPKV (Rahuri & Pune)
09.01.13	Surat	NAU (Surat), JAU (Junagarh)
10.01.13	Mumbai	CIRCOT on Fibre quality
21.02.13-23.02.13	Coimbatore	CICR(RS, Coimbatore) + TNAU (CBE), UAS(D), UAS (R) ANGRAU (G) OUAT(Bhubaneswar) CSAUT &T (Kanpur).

Weekly advisory for cotton cultivation

With active participation of scientist of AICCIP and CICR, we have released periodical (weekly) advisory for cotton farmers in cotton cultivation for each state along with weather report. The advisory were uploaded at CICR website (www.cicr.org.in).

Financial statement for the year 2013-14

S.No	Name of the AICCIP Centre	Pay	Contg	TA	Total	ICAR Share	State Share	Ist Ins	2nd Ins	3rd Ins	4th Inst	Total Dis
1	Guntur	104.40	7.00	1.75	113.15	**84.86**	28.29	0.00	0.00	**15.00**	**70.00**	**85.00**
2	Nandyal	36.00	3.00	0.75	39.75	**29.81**	9.94	0.00	0.00	0.00	10.00	**10.00**
3	Kanpur	23.60	2.00	0.50	26.10	**19.58**	6.53	**30.00**	0.00	0.00	15.00	**45.00**
4	Hisar	96.60	7.00	1.75	105.35	**79.01**	26.34	0.00	0.00	0.00	70.00	**70.00**
5	Khandwa	87.38	7.00	1.75	96.13	**72.10**	24.03	0.00	0.00	0.00	40.00	**40.00**
6	Indore	29.00	2.00	0.50	31.50	**23.63**	7.88	0.00	0.00	0.00	25.00	**25.00**
7	Junagadh	48.60	4.00	1.00	53.60	**40.20**	13.40	0.00	0.00	**20.00**	30.00	**50.00**
8	Nanded	72.60	5.00	1.25	78.85	**59.14**	19.71	0.00	**40.00**	0.00	20.00	**60.00**
9	Rahuri	60.60	4.00	1.00	65.60	**49.20**	16.40	0.00	**30.00**	**10.00**	**15.00**	**55.00**
10	Pune	16.80	1.00	0.25	18.05	**13.54**	4.51	0.00	**10.00**	0.00	5.00	**15.00**
11	Banswara	45.60	4.00	1.00	50.60	**37.95**	12.65	**10.00**	0.00	**10.00**	**25.00**	**45.00**
12	Surat	132.80	9.00	2.25	144.05	**108.04**	36.01	**40.00**	**50.00**	0.00	10.00	**100.00**
13	Bhawanipatna	55.50	4.00	1.00	60.50	**45.38**	15.13	0.00	0.00	**10.00**	**35.00**	**45.00**
14	Akola	87.60	6.00	1.50	95.10	**71.33**	23.78	0.00	0.00	**40.00**	30.00	**70.00**
15	Faridkot	96.60	6.00	1.50	104.10	**78.08**	26.03	**25.00**	**40.00**	0.00	15.00	**80.00**
16	Bathinda	43.80	4.00	1.00	48.80	**36.60**	12.2	0.00	**19.81**	0.00	15.58	**35.39**
17	Siruguppa	33.00	2.00	0.50	35.50	**26.63**	8.875	0.00	0.00	**15.00**	20.00	**35.00**
18	Sriganganagar	92.35	6.00	1.50	99.85	**74.89**	24.96	0.00	**50.00**	0.00	0.00	**50.00**
19	Coimbatore	87.25	4.00	1.00	92.25	**69.19**	23.06	**18.10**	0.00	**24.80**	30.00	**72.90**
20	Srivilliputur	67.65	4.00	1.00	72.65	**54.49**	18.16	0.00	0.00	**25.00**	30.00	**55.00**
21	Dharward	121.35	8.00	2.00	131.35	**98.51**	32.84	0.00	0.00	**50.00**	60.00	**110.00**
22	PC Cell	0.00	30.00	11.71	41.71	**41.71**	0.00	**41.71**	0.00	0.00	0.00	**41.71**
23	TSP	0.00	15.00	0.00	15.00	**15.00**	0.00	**15.00**	0.00	0.00	0.00	**15.00**
24	Corpus Fund	0.00	25.00	0.00	25.00	**25.00**	0.00	0.00	0.00	0.00	0.00	**0.00**
25	Total	1439.08	169.00	36.46	1644.54	**1253.83**	390.71	**179.81**	**239.81**	**219.80**	**570.58**	**1210.00**