

3. INTRODUCTION

3.1 Brief history

Indian Central Cotton Committee used to sponsor cotton research schemes on an adhoc basis till the work of the committee was taken over by the ICAR in 1966. All India Coordinated Cotton Improvement Project (AICCIP) initiated by the Council in the year 1967 with headquarters at Coimbatore gave new fillip and direction in terms of multidisciplinary and multi-centre approaches with the active involvement of State Agricultural Universities. The project has contributed significantly in tackling location-specific problems in terms of varietal improvement and development of appropriate production and protection technologies. However, looking to the low level of productivity which is primarily due to the fact that the major cotton growing area is under rainfed conditions and the need

for expanding the research efforts in the spheres of basic and fundamental research, the **Central Institute for Cotton Research** was established at Nagpur by the ICAR, in 1976. The two regional stations of IARI at Sirsa (Haryana) and Coimbatore (Tamil Nadu) were transferred to CICR to cater to the needs of cotton farming in north and south India, respectively.

The main mission of CICR is to increase the production, productivity and profitability of cotton cultivation in different agro-ecological cotton growing zones through the development of relevant, feasible and economically viable and ecologically friendly production and protection technologies including the development of improved varieties and hybrids and promoting basic and strategic research.

3.2 Mandate

- To conduct basic and strategic research on cotton to improve yield, fibre quality and by-products.
- To create new genetic variability for location-specific adoption in cotton-based cropping systems.
- To assist in the transfer of modern cotton production technology to various user agencies.
- To extend consultancy and link with international agencies to accomplish the above mandate.

3.3 IPR status

As per the guidelines of IPR, the ITMU will pursue the following technology for grant of patent, IP Protection, maintenance, transfer of technology and commercialization of technologies.

S.No.	File No.	Patent Application No.	Title	Filed on
1	1-11/2002-IPR (Part-A)	600/DEL/2002	Rapid detection of Bt Cry toxins	31.5.2002
2	1-11/2002-IPR (Part-B)	PCT/IN03/00199/7128	Rapid detection of Bt Cry toxins	29.5.2003
3	1-11/2002-IPR (Part-II)	PA/A2004/011769 National Phase	Rapid detection of Bt Cry toxins	26.11.2004 Mexico
4	1-11/2002-IPR (Part-I)	2004/10268 National Phase	Rapid detection of Bt Cry toxins	21.12.2004 South Africa - Granted
5	1-11/2002-IPR (Part-III)	IAP2004-0451 National Phase	Rapid detection of Bt Cry toxins	30.12.2004 Uzbekistan
6	1-11/2002-IPR (Part-IV)	2004/7019456 National Phase	Rapid detection of Bt Cry toxins	14.1.2005 South Korea
7	1-11/2002-IPR (Part-V)	03817641.6 National Phase	Rapid detection of Bt Cry toxins	25.2.2005 China

Commercialization of technology and resource generation :

(Rs. In lakhs)

Sr.No.	Name of technology	2003-04	2004-05	2005-06	2006-07	Total
1	Bt Express	5.86	34.15	21.71	42.88	104.66
2	Bt Quant					
3	Bt Zygotity PCR					

3.4 Financial Statement

The budget grant and actual expenditure for the year 2007-08 are furnished below:

Budget Sanctioned and Expenditure

Scheme	Sanctioned	Expenditure
1. Plan	250.00	250.00
2. Non-Plan	1104.00	1049.15
PLAN SCHEME		
3. NSP Crop	0.34	-
4. AICCIP	589.00	589.00
5. KVK Scheme	44.95	44.90
6. TMC MMI	539.00	539.00
7. MSP	19.53	2.91
AP CESS FUND		
8. Bt. Resistance	25.75	20.33
9. ICAR Regional Committee No.VII	4.97	1.43
R DEPOSIT SCHEME		
10. DBT Scheme (DNA)	2.72	2.04
11. DST QTLS	1.66	2.77
12. DST FRCCSHP	5.27	4.39
13. DBT Bt Cellus	7.00	2.44
14. DBT MMFQ	27.09	20.75
15. DST Fast Track	10.50	1.46
16. DBT DNAi	21.69	4.11
17. DBT Gene Stratching	15.36	0.02
18. EPS & C (De Nocil)	-	-
19. FLD in Cotton	74.00	71.81
20. TMC MM-I (DAC)	-	-
21. FLD KVK	2.52	1.65
22. DUS Scheme Nagpur	3.00	1.56
23. DUS Coimbatore	6.00	3.78
24. Maintenance of Breeder Seed	30.00	25.68
25. GMO Project	18.00	7.42
26. TMC MM II	197.77	190.75
27. Bt. Resistance Monitoring (Mahyco) I	5.00	2.88
28. Bt. Resistance Monitoring (Mahyco) II	10.00	1.60
29. Dupond	1.06	1.04
30. Bt. Tech	17.42	-
31. Transgenic Crops	36.84	22.03
32. Ratan Tata SGP 445	5.00	2.38
33. Ratan Tata SGP 452	5.00	2.90

3.5 Staff Position

(As on 31 March 2008)

Name of Post	Sanctioned cadre Strength				Post Filled Up			
	NGP	CBE	Sirsa	Total	NGP	CBE	Sirsa	Total
Director (RMP)	1	-	-	1	1	-	-	1
P.C. & Head	-	1	-	1	-	1	-	1
Scientific	54	26	5	85	37	18	6	61
Technical	50	23	8	81	47	19	8	74
Administrative	33	10	6	49	27	7	5	39
Supporting	65	34	12	111	55	30	12	97
Krishi Vigyan Kendra								
Training Organiser	1	-	-	1	1	-	-	1
Technical	8	-	-	8	8	-	-	8
Administrative	2	-	-	2	2	-	-	2
Supporting	2	-	-	2	2	-	-	2

NGP Nagpur; CBE - Coimbatore



CICR

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ORGANOGRAM OF CICR

